

MARSH & McLENNAN

WRITE

INSURANCE

IN ALL ITS BRANCHES

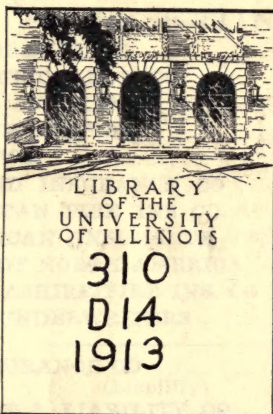
Chicago Office:

175 W. Jackson Blvd.

ALLIANCE IN
CONTINENTAL
FARMERS' FI
FIDELITY UN
FIRE ASSOCI
FIREMAN'S F
GERMAN AM
GERMAN AM
INSURANCE C
LONDON & LA
PHILADELPH

AETNA LIFE

AETNA ACCII
(Accident
CASUALTY CO



ILLINOIS HISTORICAL SURVEY

(Boiler)

PHILADELPHIA
..... NEW YORK
..... YORK, PA.
..... NEW YORK
..... PHILADELPHIA
..... CALIFORNIA
..... BALTIMORE
..... NEW YORK
..... PHILADELPHIA
..... ENGLAND
..... PHILADELPHIA

..... HARTFORD
..... HARTFORD
& Plate Glass)
..... NEW YORK

AUTOMOBILE

LLOYDS LONDON LONDON
CONTINENTAL INSURANCE CO. NEW YORK
FEDERAL INSURANCE CO. NEW JERSEY
FIREMAN'S FUND INSURANCE CO. CALIFORNIA
INSURANCE CO. OF NORTH AMERICA. PHILADELPHIA

SURPLUS LINE

LLOYDS LONDON LONDON
MEDWAY INSURANCE CO. GREAT BRITAIN
ROYAL SCOTTISH INSURANCE CO. GLASGOW

50
ILLINOIS LIFE INSURANCE CO.

CHICAGO
JAMES W. STEVENS, PRESIDENT

**CHICAGO'S
GREATEST
COMPANY**

**OLDEST
IN
CHICAGO**

**LARGEST
IN
ILLINOIS**

**WANTS GOOD MEN
AND
WILL PAY THEM WELL**

GEO. H. MORRILL CO.

MANUFACTURERS

PRINTING

AND

LITHOGRAPHIC

INKS

OFFICES

BOSTON

NEW YORK

CHICAGO

SAN FRANCISCO

LONDON

[TWENTY-NINTH YEAR]

THE CHICAGO DAILY NEWS ALMANAC AND YEAR-BOOK

FOR

1913

COMPILED BY JAMES LANGLAND, M. A.

ISSUED BY

THE CHICAGO DAILY NEWS COMPANY

[Copyright, 1912, by The Chicago Daily News Company.]

PREFACE.

This issue of The Daily News Almanac and Year-Book contains not only the usual statistical and other matter, revised and brought down to date, but considerable information of special interest and importance. Mention may be made, for example, of the following:

The presidential campaign in the United States, resulting in the defeat of the hitherto dominant political organization and the birth of a new national party. Details of the national nominating conventions are given and the national party platforms are published in full. Election returns from every county in the union are presented.

The enactment by the American congress of laws establishing a parcel post system, giving veterans of the civil war service pensions and providing for the permanent government and operation of the Panama canal, now nearing completion. Under the title "Work of the 63d Congress" summaries of many other acts of almost equal importance will be found.

The successful war waged by Bulgaria, Servia, Greece and Montenegro against Turkey, promising radical changes in the map of southeastern Europe and possibly solving the intricate Balkan problem.

Progress of the revolution in China leading to the abdication of the Manchu dynasty and the establishment of a great republic on an apparently firm basis.

Sinking of the Titanic, the world's largest steamship, with the loss of more than 1,500 lives, constituting the greatest tragedy of its kind in the world's history.

Attainment of the south pole by Roald Amundsen, the discoverer of the northwest passage.

Capital punishment and its effect on homicides.

The Daily News Almanac and Year-Book is indebted to city, state, national and other officials for the bulk of the facts and figures presented herewith.

INDEX—1913.

NOTE—Table of contents of previous issues of The Daily News Almanac and Year-Book will be found on page 648.

Abraham Lincoln Settlement.....	588	Arbitration, Board of.....	508	Automobile Racing.....	289
Abyssinia.....	203	Arbitration, Hague Court.....	375	Autumn Begins.....	13
Academy, American.....	402	Arbitration Treaties.....	190	Aviation Fatalities.....	322
Academy, French, Members.....	134	Arbor Rest.....	630	Aviation Records.....	321
Academy of Design, National.....	423	Arcade Park.....	630		
Academy of Fine Arts.....	598	Archaeological Institute.....	353	Bait Casting.....	303
Academy of Sciences.....	594	Archbald Impeachment Case.....	490	Balkan War.....	391
Accidents in 1912.....	379	Archer Road Settlement.....	588	Balloon Explosion.....	266
Accidents, Football.....	495	Archer Point.....	630	Ballooning.....	320
Accidents, Fourth of July.....	346	Archery.....	311	Bandits, French Automobile.....	155
Accidents, Railroad.....	368	Architect, City.....	550	Bank Clearings, Chicago.....	602
Accountants, Examiners of.....	509	Architect, State.....	509	Bank Clearings, U. S.....	429
Acres Per Inhabitant.....	108	Architect, County.....	532	Bank Notes, National.....	38
Adams, G. E., Playground.....	632	Architects, American Institute.....	352	Bankers' Associati'n, American.....	423
Administration, State Board.....	598	Architects, Examiners of.....	509	Banking Power of U. S.....	40
Adults, Heights, Weights.....	118	Arctic Exploration.....	148	Banking Statistics.....	38
Aeronautical Progress.....	321	Area, Chicago, Increase.....	608	Bank Statistics, Chicago.....	602
Afghanistan.....	203	Area of United States.....	107	Banks, Chicago, List.....	600
Africa, Population of.....	88	Area, U. S., by Census Years.....	107	Banks, Co-Operative.....	37
Agricultural Exper. Station.....	528	Area, U. S., Increase of.....	107	Banks, Largest.....	40
Agricultural Exports.....	54	Argentina.....	304	Banks, National.....	38
Agricultural Schools.....	80	Arizona, Admission.....	277	Banks, Postal, United States.....	402
Agricultural Statistics.....	55	Arizona Cities, Population.....	100	Banks, Savings, United States.....	39
Agricultural, Department of.....	238	Arizona, Judiciary Recall.....	493	Baptist Denomination.....	330
Agriculture, Secretaries of.....	231	Arizona, National Forests in.....	365	Bar Association, American.....	352
Agriculture, State Board.....	506	Arizona State Officers.....	431	Barbers' Examining Board.....	509
Akron (Balloon) Disaster.....	266	Arizona, Vote of.....	431	Barley Crop by States.....	60
Alabama Cities, Population.....	100	Arkansas Cities, Population.....	100	Barley Crop by Years.....	64
Alabama State Officers.....	431	Arkansas, National Forests in.....	365	Barley Crop of World.....	56
Alabama, Vote of.....	430	Arkansas State Officers.....	432	Barometer, Wind.....	194
Alaska.....	374	Arkansas, Vote of.....	431	Barton, Clara, Death of.....	116
Alaska Cities, Population.....	100	Armies of the World.....	259	Barytes Production.....	123
Alaska, Manufactures in.....	73	Armour Square.....	626	Baseball.....	276
Alaska Territory Organized.....	188	Army and Militia.....	258	Baseball, College.....	283
Alaska, National Forests in.....	355	Army and Navy Union.....	343	Basket Ball.....	294
Aldermen, Chicago.....	546	Army, Authorized Strength.....	257	Bathing Beaches, Municipal.....	632
Aldermen, Number of.....	556	Army of the United States.....	252	Baths, Free Public.....	599
Aldermen, Pledge by.....	616	Army Pay, Table of.....	257	Bauxite Production.....	123
Aldermen, Vote for.....	631	Arsenals, U. S.....	293	Beach, Mrs. David, Walk by.....	67
Aldine Square.....	480	Art Commission, State.....	509	Bean Crop of the World.....	54
Algeria.....	203	Art Galleries of World.....	178	Beers, Alfred B., Sketch.....	387
Aliens Deported.....	490	Art Institute.....	579	Beers on Farms.....	63
Alley Mileage, Chicago.....	577	Art League, Municipal.....	550	Beet Sugar in United States.....	64
Almonds Produced.....	233	Artists, Chicago Society.....	563	Belden Avenue Triangle.....	630
Aluminum Production.....	123	Artists, Societies of.....	563	Belgium.....	199
Alumni Associations.....	642	Arts and Letters, Am. Acad.....	352	Benevolent Institutions.....	502
Ambassadors, Foreign, in U. S.....	274	Asbestos Production.....	123	Benevolent Societies.....	334
Ambassadors, U. S., List of.....	271	Ashurst, H. F., Sketch.....	387	Ben-Hur, Tribe of.....	336
American Academy of Arts.....	402	Asia, Population of.....	88	Bennett Cup Race.....	320
Amundsen Reaches South Pole.....	148	Asiatic Association, American.....	352	Bequests, Notable.....	487
Amy L. Barnard Park.....	408	Asphaltum Production.....	123	Bessemer Park.....	626
Anatomists, American Ass'n.....	353	Assassination, Pres't Leconte.....	220	Beutner, Max, Playground.....	632
Anderson-Stefansson Expedit'n.....	349	Assay Offices, U. S.....	247	Bible Society, American.....	332
Andrew & Philip Brotherhood.....	133	Assembly, Illinois.....	514	Bickerdike Square.....	650
Anglo-Boer War.....	216	Assessment, Illinois.....	539	Bicycling.....	291
Animals, Cruelty, Agents.....	509	Assessments, Chicago.....	574	Big Hole Battle Field.....	175
Animals, Farm, Value.....	63	Assessments, Cook County.....	574	Billards.....	307
Annapolis Academy.....	78	Assessors, Board of.....	532	Biological Chemists, Society.....	352
Anniversaries, Wedding.....	542	Assessors, Vote for.....	480	Bird Reservations.....	353
Antarctic Exploration.....	148	Associated Press.....	227	Birth Rates.....	377
Antarctic Coal Production.....	122	Association House.....	588	Birth Stones.....	353
Antietam Park.....	175	Association of Commerce.....	559	Bishops, Catholic.....	326
Anti-Saloon League.....	542	Associations, National.....	423	Bishops, Episcopal.....	328
Antitrust Law, Sherman.....	167	Astronomical Society of Am.....	353	Bishops, Methodist.....	328
Apiaries, Inspector of.....	510	Asylums in Chicago.....	598	Bituminous Coal Production.....	123
Apollo Musical Club.....	582	Asylums, State.....	598	Blackstone Point.....	630
Appellate Court.....	537	Athletic Records.....	316	Blind and Deaf.....	488
Apples Produced.....	168	Atlantic Voyages, Fastest.....	497	Blind Children, Chicago.....	618
Apportionment, Congressional.....	232	Attendance, School.....	86	Blind, Schools for.....	80
Appropriations by Congress.....	193	Attorney, City.....	548	Block, F. W., Portrait.....	531
Appropriations, Chicago.....	556	Attorney, Prosecuting.....	548	Board of Education.....	564
Appropriations, Cook County.....	539	Attorneys, City, List.....	594	Board of Trade.....	610
Appropriations, Illinois.....	526	Attorneys-General.....	231	Board of Trade, National.....	422
Arabic Numerals.....	209	Attorneys, U. S. District.....	241	Boards, State.....	510
		Auburn Park.....	630	Boer-English War.....	216
		Australia, Commonwealth.....	198	Boiler Inspection Department.....	550
		Austria-Hungary.....	199	Bokhara.....	203
		Automobile Bandits, French.....	155	Bolivia.....	204
		Automobile Fares.....	604	Bond Issues, Vote on.....	481

Books Published in 1909.....	67	Chafin, E. W., Sketch.....	387	Climatological Association.....	352
Borax Production.....	123	Chairmen State Committees.....	357	Climatology, United States.....	196
Boston, Foreign Born in.....	110	Chancery, Masters in.....	537	Clubs and Clubhouses.....	592
Botanical Society of America.....	353	Charities Commission, Illinois.....	508	Coal Contract Decision.....	501
Bowling.....	305	Charities-Correction Confer.....	523	Coal Production.....	123
Boy Scout Movement.....	418	Charity Organizations.....	463	Coal Industry, Illinois.....	529
Brady, James J., Portrait.....	505	Chart of the Heavens.....	22	Coal, Retail Prices.....	113
Brazil.....	204	Checkers.....	312	Coast Line, United States.....	366
Bridges, Closed Hours on.....	622	Cheese, International Trade.....	53	Coffee Consumed.....	214
Brightest Stars.....	23	Chemical Society, American.....	352	Coffee Consumed Per Capita.....	37
Broussard, R. F., Sketch.....	388	Cherries Produced.....	233	Coffee, International Trade.....	53
Buckwheat Crop by States.....	61	Chickamauga Park.....	175	Coinage by Nations.....	35
Buckwheat Crop by Years.....	64	Chicagoans, Old.....	642	Coinage by Years.....	35
Buena Circle.....	630	Chicago at a Glance.....	543	Coinage of World.....	35
Buena Terrace.....	630	Chicago Chronology.....	543	Coinage Per Capita.....	36
Building Associations.....	196	Chicago Commons.....	588	Coins, Foreign, Value of.....	41
Building Departments.....	549	Chicago Election Returns.....	474	Coins of the United States.....	40
Building Laws Commission.....	510	Chicago, Foreign Born in.....	109	Coins, Value Rare American.....	134
Building Statistics, Chicago.....	632	Chicago, Growth in Area.....	608	Coldest Days in Chicago.....	572
Buildings, High, New York.....	225	Chicago, Manufactures in.....	75	Collector, City.....	547
Buildings, Notable, Chicago.....	620	Chicago, Population of.....	526	College Colors.....	86
Bulgaria.....	199	Chicago, Points of Interest.....	544	Colleges, American.....	81
Bull Moose Emblem.....	423	Chicago, Progress of.....	543	Colombia.....	204
Bureau of Compensation.....	548	Chicago University Library.....	590	Colonial Wars, Society.....	345
Bureau of Maps.....	548	Chicago Juv., Munic. Ct., Vote.....	479	Colonies of Nations.....	206
Bureau of Sewers.....	548	Chiefs of Police.....	583	Color, Population by.....	96
Bureau of Statistics, Chicago.....	549	Children, Heights, Weights.....	118	Colorado City, Population.....	101
Bureau of Streets.....	547	Children's Visitation Dept.....	508	Colorado Game Laws.....	227
Bureau of Water.....	547	Children's Bureau Law.....	186	Colorado Monument.....	175
Burial Places of Presidents.....	225	Children's Home Society.....	423	Colorado, National Forests in.....	365
Burham, D. H., Death of.....	121	Children's Science Library.....	591	Colorado Point.....	630
Bushel Weights.....	80	Chile.....	204	Colorado State Officers.....	433
Business Schools.....	190	China.....	292	Colorado, Vote of.....	433
Butt-Millet Memorial.....	53	China, Revolution in.....	394	Columbus Circle.....	630
Butter, International Trade.....	65	Chinese Calendar.....	17	Columbus, Knights of.....	337
Butter Production in 1909.....	604	Chinese in America.....	94	Commerce, Association of.....	559
Cab Fares.....	230	Christian Endeavor Society.....	333	Commerce Court.....	239
Cabinets and Presidents.....	378	Christian Science Church.....	321	Commerce Court Saved.....	192
Cables, World's.....	189	Christopher House.....	588	Commerce-Labor Department.....	237
Cacti, Spineless, Lands.....	176	Christopher, W., Playground.....	632	Commerce-Labor, Secretary.....	231
Calabria, Earthquake in.....	15	Chronological Cycles.....	13	Commercial Club Playground.....	632
Calendar for 1913.....	32	Church Days.....	30	Commercial Schools.....	80
Calendar for 1914.....	21	Church Statistics.....	324	Commercial Teachers' Feder.....	186
Calendar, Ready Reference.....	100	Cincinnati, Foreign Born in.....	111	Commission, Industrial, Law.....	523
Calendars, Various.....	109	Cincinnati Society of.....	344	Commissioners, County.....	482
California Cities, Population.....	365	Cinder Con.....	475	Commissioners, County, Vote.....	480
California, Foreign Born in.....	433	Circuit Court Clerk, Vote.....	479	Commissions, National.....	497
California, National Forests in.....	432	Circuit Court, Cook County.....	537	Committees, Cook County.....	361
California State Officers.....	626	Circuit Court Judges, U. S.....	239	Committees, National Political.....	357
California, Vote of.....	541	Circuit Courts of Appeals.....	238	Committees, State.....	360
Calumet Park.....	399	Circulation, Daily News.....	647	Common Schools.....	79
Campaign Expenses.....	628	Cities, American, Population.....	98	Commons, Chicago.....	588
Campaign, National, in 1912.....	197	Cities of Fastest Growth.....	109	Commonwealth of Australia.....	198
Campbell Park.....	63	Cities, Distances Between.....	364	Conservation, Bureau of.....	548
Canada.....	509	Cities, Largest, in World.....	372	Compound Interest.....	120
Canadian, Northwest, Crops.....	212	Citizens' Association.....	580	Comptroller, City.....	547
Canal Commission, Illinois.....	182	Citizenship in United States.....	170	Comptroller, County.....	532
Canal, Panama.....	184	City Architect.....	560	Communities by Size.....	96
Canal, Panama, Act.....	216	City Attorney's Office.....	548	Conant, Luther, Sketch.....	388
Canal Zone, Government.....	65	City Attorneys, List.....	594	Conciliatory Churches.....	330
Canals, Great Ship.....	210	City Clerk's Office.....	595	Connecticut Cities, Population.....	101
Canals, Great Ship.....	216	City Clerks Since 1837.....	595	Connecticut State Officers.....	433
Canals in United States.....	215	City Club.....	586	Connecticut, Vote of.....	433
Cane Sugar by Years.....	210	City Comptroller.....	547	Connelly, F. D., Portrait.....	545
Capital Punishment.....	426	City Collector's Office.....	547	Connelly, J. F., Portrait.....	531
Capitals of States.....	193	City Engineer's Office.....	547	Congress, Appropriations by.....	193
Capitol in Washington.....	327	City Offices, Chicago.....	551	Congress, Fraternal.....	338
Cardinals, College of.....	423	City Officials, Portraits.....	545	Congress, Library of.....	193
Carnegie Corporation.....	225	City Populations by Color.....	107	Congress Park.....	630
Carnegie Foundation.....	222	City Populations by Nativity.....	107	Congress, Party Lines in.....	429
Carnegie Hero Fund Awards.....	224	City Treasurer's Office.....	547	Congress, 62d, Members.....	244
Carnegie Institution.....	375	City Treasurers Since 1837.....	595	Congress, 63d, Members.....	248
Carrel, Alexis, Sketch.....	358	Civic Association, American.....	423	Congress, 63d, Special Session.....	182
Carriage Fares.....	604	Civic Federation.....	520	Congress, Work of 62d.....	182
Cash Grande Ruin.....	214	Civic Federation, National.....	423	Congressmen.....	243, 249
Cash Register Company Suit.....	381	Civil Engineers, Am. Society.....	353	Consular Service, U. S.....	271
Casualties, Miscellaneous.....	125	Civil Service Commission, City.....	549	Consuls in Chicago.....	556
Casualty Insurance.....	63	Civil Service Commis'n, County.....	532	Conventions, National, 1912.....	127
Cattle in United States.....	596	Civil Service Commis'n, State.....	509	Conventions, Nat'l, Since 1880.....	221
Cemeteries, Chicago.....	275	Civil Service Commis'n, U. S.....	238	Cook County Committees.....	361
Census Bureau, United States.....	614	Civil Service, United States.....	166	Cook Co. Election Returns.....	474
Census, School, Chicago.....	395	Civil Service League.....	580	Cook County Finances.....	535
Centenarians, Deaths of.....	88, 89	Civil Service Reform Ass'n.....	580	Cook County Officials.....	531, 532
Center of Population.....	204	Claims, Court of.....	506	Cook County Population.....	526
Central American States.....	531	Claims, Court of, Illinois.....	239	Cook Co. Primary Returns.....	485
Cervenka, J. A., Portrait.....	175	Clay Products.....	123	Copper Production.....	123
Chaco Canyon.....	387	Clearings, Bank, Chicago.....	602	Copyright Amendment.....	189
	357	Cleveland, Foreign Born in.....	111	Copyright Laws.....	163

Corkery Playground.....	632	Debs, E. V., Sketch.....	387	Educational Commission, Ill.....	509
Corn Consumed Per Capita.....	37	Debt, Cook County.....	536	Eggs, Production, Value.....	62
Corn Crop by States.....	59	Debt, Public, Analysis of.....	43	Efficiency Bureau.....	612
Corn Crop by Years.....	63	Debt, Public, by Years.....	43	Egypt.....	203
Corn Crop of World.....	56	Debt, Public of United States.....	42	Eight-Hour Labor Law.....	185
Corn, International Trade.....	52	Debt Per Capita.....	36	Eldred Grove.....	630
Corn Planting Dates.....	58	Debts, National.....	44	Election Calendar, General.....	355
Corn, Price of, Chicago.....	646	Decision, Coal Contract.....	501	Election Calendar, Chicago.....	482
Corn Production Map.....	57	Decision, Harriman Roads.....	398	Election Commissioners.....	550
Cornell Square.....	626	Declaration of London.....	173	Election, Presidential, 1916.....	356
Coroner, Vote for.....	479	Decorations for Chicagoans.....	582	Election Returns.....	430
Coroner's Office.....	533	DeKalb Square.....	630	Election Returns, Chicago.....	474
Corporation Counsel.....	544	Delaware Cities, Population.....	101	Elections in Germany.....	570
Correction, House.....	549	Delaware State Officers.....	101	Elections, Mayoralty, Chicago.....	578
Correction, House, Statistics.....	646	Delaware, Vote of.....	434	Electoral College.....	356
Corundum Production.....	123	Democratic County Committee.....	362	Electoral Districts, Illinois.....	513
Costa Rica.....	204	Democratic Emblem.....	423	Electoral Vote by States.....	497
Costa Rica, Earthquake in.....	176	Democratic Nat'l Committee.....	357	Electric Roads in U. S.....	369
Cost of Living.....	112, 116	Democratic Nat'l Convention.....	130	Electrical Engineers, Am. Inst.....	352
Cotton Consumed Per Capita.....	37	Democratic Platform.....	139	Electrical Units.....	119
Cotton Crop by Years.....	64	Democratic State Committee.....	361	Electricity, Department of.....	549
Cotton, International Trade.....	52	Denmark.....	199	Electro-Therapeutic Ass'n.....	352
Cotton, Mill Consumption.....	59	Denominations in U. S.....	324	Elevated Railroad Stations.....	583
Cotton Production by States.....	59	Dental Examiners, Illinois.....	508	Elevations, Highest, in States.....	54
Cotton Seed Oil, Inter'l Trade.....	52	Dentistry, Schools of.....	80	Ell Bates House.....	588
Cotton Spindles, World's.....	59	Denver Flood.....	323	Elks, Order of.....	337
Cotton Statistics, U. S.....	59	Departments, Military.....	252	Ellis Park.....	630
Council, City.....	546	Departments from America.....	160	El Morro.....	175
Countries, Ill., Facts About.....	530	Deportations of Aliens.....	490	Ember Days.....	588
County Attorney's Office.....	533	Dependencies of Nations.....	206	Emerson Settlement.....	123
County Bd., President, Vote.....	478	Deposits, Savings.....	39	Emery Production.....	123
County Clerk's Office.....	532	Dermatological Ass'n, Amer.....	352	Emmanuel, Attempt to Kill.....	377
County Comptroller.....	532	Detroit, Foreign Born in.....	110	Employees on Pay Rolls.....	584
County Democracy.....	580	Devil's Postpile.....	175	Employment Agencies, Free.....	509
County Depts., Directory.....	533	Devil's Tower.....	175	Employment Agencies Inspector.....	509
County Finances.....	535	Dialect Society, American.....	352	Engineer, City.....	547
County Hospital.....	532	Diamonds, Famous.....	353	Engineers' Library.....	590
County Institutions.....	532	Diamonds, Weights of.....	181	Engineers, Supervising.....	547
County Officers, Illinois.....	510	Dickinson Park.....	630	England.....	197
County Treasurer's Office.....	532	Diplomatic Service, U. S.....	271	Entomologist, State.....	507
Court of Claims, Illinois.....	506	Directory County Departments.....	533	Ephemerals of Planets.....	25
Court Tragedy in Virginia.....	418	Disasters to Shipping.....	378	Equalization, State Board.....	507
Courts, Cook County.....	537	Dispensaries in Chicago.....	612	Equinox, Vernal.....	24
Courts, Federal, in Chicago.....	537	Dispensaries in United States.....	502	Equitable Life Building Fire.....	147
Courts, United States.....	539	Distance of Visibility.....	374	Eras of Time.....	13
Crops in United States.....	62	Distances Between Cities.....	584	Ericson, J., Portrait.....	630
Crater, Lake Park.....	589	Distances in Chicago.....	364	Eugene Triangle.....	630
Crerar, John, Library.....	575	Distances to Seaports.....	364	Europe, Population of.....	83
Cribs, Chicago.....	537	District Attorneys, U. S.....	241	Evanston Historical Society.....	592
Criminal Court.....	537	District Court Judges, U. S.....	240	Evanston Public Library.....	590
Criminal Law Institute.....	352	Districts, Electoral Illinois.....	518	Events of 1912.....	379
Criminal Law, Int. Union.....	423	Diving, Depth, Possible.....	218	Events, Late.....	502
Criminal Statistics, Bureau.....	528	Divisions, Military.....	252	Events, Recent Historical.....	217
Crippled Children, Chicago.....	618	Divorce Statistics.....	228	Examiners, Board of.....	548
Crocker Land Expedition.....	150	Divorce, Causes for.....	229	Executions in Cook County.....	561
Crop Estimates for 1912.....	65, 500	Dog Racing.....	283	Executive Depart'mt, Illinois.....	506
Crops, Canadian.....	63	Dominion of Canada.....	197	Executive Dept., Washington.....	235
Crops by Years.....	63	Douglas Monument Park.....	630	Expenditures, Illinois.....	524
Crops, Farm Value of.....	64	Douglas Park.....	628	Expenditures, National.....	44
Crops of 1911 by States.....	59	Douglas, F., Settlement.....	583	Expenses, Campaign.....	541
Crops, World Production of.....	65	Drainage District.....	205	Expenses, Government.....	186
Cuba.....	505	Drake, John B., Playground.....	632	Expenses, Gov't, Per Capita.....	54
Cuba, Disturbances in.....	505	Drama League of America.....	423	Exports, Agricultural.....	48
Cuban War.....	216	Drugs, Misbranding.....	190	Exports by Continents.....	48
Culm Bank Case.....	490	Dunne, Edward F., Portrait.....	505	Exports by Countries.....	49
Curling.....	315	Duties Collected.....	47	Exports by Groups.....	48
Customs Appeals, Court of.....	239	Duties, Customs.....	207	Exports by Years.....	50
Customs Duties.....	207	Dynamite Cases.....	397	Exports of Merchandise.....	46
Customs Duty Per Capita.....	36	Eagles, Order of.....	337	Exports Per Capita.....	37
Cycles, Chronological.....	13	Earth, Facts About.....	24	Express Company Statistics.....	73
Daily News Circulation.....	647	Earthquake in Illinois.....	44	Factory Inspectors, Illinois.....	507
Damascus, Syria, Fire.....	206	Earthquakes, Great Modern.....	176	Failures in United States.....	229
Danbury Hatters' Case.....	390	East End Park.....	630	Falkenstein Settlement.....	538
Dante Playground.....	632	East St. Louis Industries.....	76	Fall Begins.....	13
Darrow, C. S., Trial.....	397	Easter Sunday Dates.....	345	Fame, American Hall of.....	459
Daughters Amer. Revolution.....	346	Eastern Star, Order of.....	335	Family, League for Protection.....	423
Davis Square.....	626	Eclipses in 1913.....	29	Fastest Voyages.....	497
Days of Grace.....	122	Economic Ass'n, American.....	352	Fares, Legal, Chicago.....	604
Deaf and Blind.....	488	Economy, Message on.....	418	Farm Animals, Number, Value.....	62
Deaf Children, Chicago.....	618	Ecuator.....	204	Farm Mortgages.....	495
Deaf, Schools for.....	80	Ecuator, Revolution in.....	155	Farm Products, Illinois.....	503
Death Penalty.....	210	Education Ass'n, National.....	353	Farm Property in U. S.....	66
Death Rates.....	376	Education Board, General.....	363	Farmers' Institute, Illinois.....	507
Death Roll of 1912.....	382	Education, Board of.....	564	Farms in Illinois.....	67
Death Statistics, Chicago.....	577	Education, Statistics of.....	79	Feasts, Fixed, Movable.....	30
Deaths, Certain Causes.....	377			Federation of Arts, American.....	423
Deaths of Noted Persons.....	219			Feeble-Minded, Schools for.....	80

Feldspar Production.....	123	Geological Society of America.....	353	Health, State Board of.....	507
Fellowship House.....	588	Georgia Cities, Population.....	101	Heavens, Chart of.....	22
Fernwood Park.....	630	Georgia State Officers.....	436	Hebrew Calendar.....	14
Field Museum.....	591	Georgia, Vote of.....	434	Hebrew Institute.....	588
Field Museum Library.....	590	Germany.....	200	Heights of Adults.....	118
Field Museum Site.....	542	Gettysburg National Park.....	175	Hennepin Canal.....	215
Films, Prize Fight, Barred.....	188	Gifts, Notable.....	487	Henry Booth House.....	588
Finance and Money.....	33	Gila Cliff Dwellings.....	175	Hero Fund Awards.....	222
Finances, Chicago.....	557	Glacier National Park.....	175	Herrick, M. T., Sketch.....	388
Fire Chiefs, Chicago.....	544	Gods, Roman and Greek.....	28	Hibernians, Ancient Order.....	337
Fire Department.....	549	Gold Coinage by Nations.....	33	Hibben, John G., Sketch.....	388
Fire Department Stations.....	578	Gold Coins of United States.....	40	High School Colors.....	86
Fire Insurance.....	584	Gold Exports and Imports.....	18	High Schools in U. S.....	80
Fire Limits, Chicago.....	584	Gold, Finesness of.....	48	High Structures.....	363
Fire Losses and Casualties.....	379	Gold Product by State.....	34	Highest Points in States.....	54
Fire Marshal, State.....	510	Gold, Production.....	33, 123	Highway Commission, Illinois.....	59
Fire Prevention Bureau.....	549	Gold Production Per Capita.....	36	Historical Ass'n, American.....	352
Fire Statistics, Chicago.....	580	Gold, Stock of, in U. S.....	34	Historical Events, Recent.....	217
Fires, Theater.....	120	Golf.....	292	Historical Library, State.....	506
Fish and Game Laws.....	226	Good Roads Movement.....	419	Historical Society Library.....	590
Fish Commissioners, Illinois.....	507	Good Templars.....	337	Hitchcock, F. H., Portrait.....	234
Fish Wardens.....	507	Government Expenses.....	198	Hoffman, P. M., Portrait.....	531
Fisher, W. L., Portrait.....	234	Government of Illinois.....	519	Hogs, Weight of.....	63
Flag Display Days.....	555	Government Offices, Chicago.....	644	Holden Park.....	630
Flaxseed Crop by States.....	61	Government Printing Office.....	238	Holden Playground.....	632
Flaxseed Crop of World.....	57	Government Receipts.....	193	Holidays, Legal.....	177
Flood in Mississippi Valley.....	116	Governments, Foreign.....	197	Holland.....	202
Floods and Storms.....	310	Gold Coins, Binary Vote.....	484	Holston Park.....	628
Florida Cities, Population.....	361	Governor, Vote, Chicago.....	478	Home Rule, Irish Society.....	422
Florida, National Forests in.....	395	Governors, Illinois, Vote for.....	523	Homeopaths, American.....	352
Florida State Officers.....	434	Governors of Illinois.....	519	Homeopathy, Am. Institute.....	352
Florida, Vote of.....	434	Governors of States.....	426	Homes, Charitable, in U. S.....	502
Florist Products, Value.....	28	Grace, Days of.....	122	Homes, Charitable, in Chicago.....	598
Flower Symbols of Months.....	178	Grade Teachers' Association.....	353	Homes, Illinois State.....	508
Flowers, State.....	259	Grain Inspectors.....	507	Homes, Soldiers'.....	421
Fluorspar Production.....	123	Grain Prices in Chicago.....	646	Homestead, Enlarged.....	189
Fly and Bait Castings.....	303	Gran Quivira.....	175	Homestead Law.....	323
Folk Lore Society.....	352	Grand Army of Republic.....	341	Homicides and Executions.....	210
Food Commissioner, Illinois.....	507	Grand Canyon.....	175	Honduras.....	204
Food Retail Prices.....	113	Grand Opera, Chicago.....	581	Hookworm Commission.....	539
Food, Standard Commission.....	507	Grant, F. D., Death of.....	73	Hop Crop of World.....	57
Football.....	284	Grant, General, Park.....	624	Hops, International Trade.....	52
Football Accidents.....	495	Grants, General, Park.....	624	Horse Racing.....	285
Forecast, Weather.....	184	Grapes Produced.....	253	Horses in United States.....	62
Foreign-Born Population.....	108	Gravite Production.....	123	Horticultural Society.....	507
Foreign Coins, Value of.....	41	Gravity, Specific.....	121	Hospital, County.....	532
Foreign Governments.....	197	Great Britain.....	121	Hospitals in Chicago.....	612
Foreign Wars, Order of.....	344	Great Lakes Naval Station.....	297	Hospitals in United States.....	502
Foresters, Catholic.....	337	Greece.....	200	Hospitals, State.....	508
Foresters, Ind. Order of.....	335	Greek Church Calendar.....	14	Hot Springs Reservation.....	175
Foresters, United Order.....	338	Greek Gods.....	28	Hottest Days in Chicago.....	572
Forestry, Ass'n, American.....	352	Green Bay Triangle.....	630	Hours of Labor, Law.....	185
Forest, National.....	365	Grindstones Produced.....	123	Hours of Postal Employees.....	186
Fortunes, Great American.....	428	Gross Park.....	630	House of Correction.....	549
Forward Movement.....	588	Groveland Park.....	630	House Number System.....	596, 597
Fourth of July Casualties.....	346	Guam.....	374	House of Correction Statistics.....	646
France.....	200	Guard, National.....	258	Houston (Tex.) Fire.....	125
Fraternal Congress.....	338	Guatemala.....	193	Hoyle, Maclay, Portrait.....	531
Fraternal Societies.....	334	Gunnery, Competition, Naval.....	423	Hull House.....	588
Fraternal Union of America.....	338	Gypsum Produced.....	123	Humane Ass'n, American.....	523
Fraternal, Associated.....	338	Hague Peace Conferences.....	375	Humane Society, Illinois.....	542
Frederick VIII., Death of.....	168	Haiti.....	205	Humboldt Park.....	626
Free List for Travelers.....	161	Hall of Fame, American.....	159	Humorists, American Press.....	423
French Academy, Members.....	134	Hamilton Park.....	626	Hungary-Austria.....	199
Fruits Produced.....	232	Hamlin Park.....	624	Hunter's Moon.....	30
Fuller's Earth Production.....	123	Hamlin Avenue Playground.....	632	Huttig, C. H., Sketch.....	388
Fur Seals, Protection.....	189	Hammond Library.....	590	Hymns, National.....	333
Gad's Hill Settlement.....	588	Hanford Impeachment Case.....	220	Idaho Cities, Population.....	101
Gage Farm and Nursery.....	630	Hangings in Cook County.....	561	Idaho Game Laws.....	227
Gage Park.....	624	Harahan, J. T., Killed.....	126	Idaho, National Forests in.....	365
Galveston Tornado.....	217	Harbor Commission.....	573	Idaho State Officers.....	436
Game and Fish Laws.....	226	Harbor Lights, Chicago.....	562	Idaho, Vote of.....	436
Game Commissioner, Illinois.....	507	Harbor, Outer, Plans.....	550	Illinois, Earthquake in.....	44
Game Preserves.....	515	Hardin Square.....	626	Illinois Central, Revenue.....	579
Gardens, Zoological.....	227	Harding Avenue Parkway.....	630	Illinois Cities, Population.....	101
Garfield Park.....	628	Harrison Railroad Decision.....	398	Illinois County Officers.....	510
Garnet Production.....	123	Harrison, C. H., Portrait.....	545	Illinois Counties, Facts About.....	530
Garnishment Law, Illinois.....	573	Harvest Moon.....	30	Illinois Farm Products.....	503
Garrett Biblical Inst. Library.....	590	Harvester Co. Sued by U. S.....	54	Illinois, Foreign Born in.....	109
Gary Law Library.....	591	Hawaii.....	373	Illinois Game Laws.....	226
Gas, Natural, Produced.....	123	Hawaii, Manufactures in.....	73	Illinois, Government of.....	519
Gas, Retail Prices.....	113	Hawaii, Population of.....	92	Illinois, Governors of.....	519
Gatun Dam.....	212	Hawaiian Cities, Population.....	101	Illinois Legislation.....	527
Gem Symbols of Months.....	178	Hay Crop by Years.....	64	Illinois, Manufactures in.....	74
Geographic Board, U. S.....	176	Hay Crop by States.....	61	Illinois National Guard.....	524
Geographic Society, National.....	353	Haiti's President Killed.....	529	Illinois Officials.....	505, 506
Geographical Society, Amer.....	352	Health Department.....	648	Illinois, Popular Vote.....	526

Ill. Population by Counties.....	525	Justice, Department of.....	238	Loan Associations.....	196
Illinois Primary Returns.....	483	Juul Law Decision.....	427	Lodge Resolution.....	205
Illinois Senatorial Districts.....	521	Juvenile Court Statistics.....	538	Lodging House, Municipal.....	162
Illinois State Association.....	542			London, Declaration of.....	173
Illinois State Committees.....	360	Kansas Cities, Population.....	102	Longitude of Chicago.....	543
Illinois, Vote of.....	436	Kansas, National Forests in.....	365	Lorimer Case Decided.....	156
Illinois Weights, Etc.....	119	Kansas State Officers.....	444	Louisiana City, Population.....	102
Illiterates in Chicago.....	618	Kansas, Vote of.....	443	Louisiana State Officers.....	446
Illiterates in United States.....	87	Kedzie Park.....	630	Louisiana, Vote of.....	102
Immigrants, Distribution of.....	490	Kellogg, F. B., Sketch.....	388	Loyal Legion.....	343
Immigration Law.....	499	Kenesaw Mountain Com.....	509	Lucey, Patrick J., Portrait.....	505
Immigration Statistics.....	498	Kentucky Cities, Population.....	102	Lumber Production.....	381
Impeachment, Archbald.....	490	Kentucky State Officers.....	446	Lutheran Denomination.....	331
Impeachment, Hanford, Case.....	220	Kentucky, Vote of.....	444	Lynchings.....	386
Imports by Continents.....	48	Khiva.....	203		
Imports by Countries.....	49	King's Daughters.....	323	Maccabees, Knights of.....	337
Imports by Groups.....	48	Kingston Earthquake.....	176	MacVeagh, F., Portrait.....	234
Imports by Years.....	50	Kinmundy (Ill.) R. R. Wreck.....	126	McCormick, A. A., Portrait.....	531
Imports, Chicago.....	576	Kinzle Parkway.....	630	McCormick Playground.....	632
Imports of Merchandise.....	45	Knights of Honor.....	336	McCourt, W. J., Portrait.....	540
Improvements, Board Local.....	548	Knox, P. C., Portrait.....	234	McCourtain Mine Disaster.....	265
Income Tax Amendment.....	247	Kongo.....	203	McGann, L. E., Portrait.....	545
Independence Square.....	630	Koraleski, F. W., Portrait.....	531	McKenna Tangle.....	39
India.....	137	Korea.....	203	McKinley Park.....	624
Indian Population.....	91			McKinley Shot.....	218
Indian Reservations.....	91	Labor, American Federation.....	347	McLaren Playground.....	632
Indian Rights Association.....	423	Labor, Federation, Chicago.....	349	McWeeny, John, Portrait.....	545
Indian Schools.....	80	Labor, Eight Hour, Law.....	185	Mail Time from Chicago.....	570
Indiana Cities, Population.....	102	Labor Organizations in U. S.....	347	Mail Time to Foreign Cities.....	570
Indiana, Foreign Born in.....	109	Labor, State Board.....	507	Maine, Battle Ship.....	158
Indiana Game Laws.....	226	Ladies of Grand Army.....	343	Maine Cities, Population.....	102
Indiana State Officers.....	442	Ladies of Honor.....	336	Maine State Officers.....	447
Indiana, Vote of.....	440	LaFollette, R. M., Sketch.....	388	Maine, Vote of.....	446
Indianapolis, Foreign Born in.....	109	Lake Front Development.....	542	Males of Militia Age.....	97
Infant Mortality, Study Ass'n.....	423	Lake Front Park Bill.....	528	Males of Voting Age.....	93
Insufioral Earth Produced.....	123	Lake Trade, Chicago's.....	572	Manganese Ore Production.....	123
Inheritance Taxes.....	495	Lake Mohonk Conference.....	423	Manual Arts Association.....	542
Industrial Commission Law.....	186	Lakes, Areas of.....	329	Manual Training Schools.....	80
Industrial Com., Members.....	500	Lakes-to-Gulf Association.....	330	Manufactures by Cities.....	71
Industrial Peace Foundation.....	167	Lakes-to-Gulf Waterway Plan.....	333	Manufactures by Kind.....	68
Industrial Schools.....	80	Lakewood Point.....	630	Manufactures by States.....	75
Industries, Leading.....	68	Lands, Public.....	425	Manufactures in Chicago.....	44
Initiative Constitutional.....	340	Lard, Price, Chicago.....	644	Manufactures in Illinois.....	70
Insane in United States, Etc.....	488	Lassen Peak.....	175	Manufactures in United States.....	68
Insurance, State Life.....	522	Latrop, Julia C., Sketch.....	388	Manufactures, Rank of.....	68
Insurance Statistics.....	125	Latitude of Chicago.....	543	Maps, Bureau of.....	548
Interior Department.....	238	Law and Order Leagues.....	588	Marcy Home Settlement.....	588
Interior, Secretaries of.....	231	Law Examiners, Illinois.....	506	Marine Corps Officers.....	265
Internal Revenue, Chicago.....	644	Law Institute Library.....	590	Marine Corps Pay Table.....	270
Internal Revenue Collections.....	173	Law Schools.....	80	Marine Insurance.....	125
Internal Revenue Receipts.....	172	Lawrence Textile Strike.....	372	Marine Disasters.....	379
Internal Revenue Per Capita.....	36	Laws, Uniform, Commission.....	509	Maritime Conference Called.....	138
Internal Revenue Taxes.....	173	Lead Production.....	123	Mark White Square.....	628
Interest Per Capita.....	36	Learned Societies.....	352	Marquette Park.....	624
Interest Tables.....	129	Learned Societies, Chicago.....	352	Marriage Statistics, Laws.....	233
Interstate Commerce Com'n.....	238	Leconte, President, Killed.....	220	Marshall, T. R., Sketch.....	387
Interurban Lines.....	585	Legal Holidays.....	177	Marshals, United States.....	242
Iowa Cities, Population.....	102	Legislation by Congress.....	182	Maryland Cities, Population.....	102
Iowa, Foreign Born in.....	109	Legislation, Illinois.....	527	Maryland State Officers.....	447
Iowa Game Laws.....	226	Legislative Vote, Illinois.....	515	Maryland, Vote of.....	447
Iowa State Officers.....	443	Legislative Voters' League.....	580	Masonic Bodies.....	334
Iowa, Vote of.....	442	Legislature, Illinois, Members.....	514	Massay, W. A., Sketch.....	389
Ireland.....	197	Legislatures of States.....	426	Massachusetts Cities, Pop'n.....	102
Irish Home Rule Bill.....	422	Lewis and Clark Cavern.....	175	Massachusetts, Foreign Born in.....	110
Iron, Pig, Production.....	123	Lewis University Library.....	590	Massachusetts State Officers.....	448
Iroquois Theater Fire.....	217	Leves, Rebuilding of.....	190	Massachusetts, Vote of.....	447
Irrigated Areas in U. S.....	293	Liberia.....	203	Masters in Chicago.....	537
Irving Park.....	630	Libraries, Chicago.....	589	Matches, Poisons.....	189
Israel, Free Sons of.....	336	Library Ass'n, American.....	352	Mathematical Society, Am.....	352
Italy, King, Attempt to Kill.....	201	Library of Congress.....	193	Maxwell Settlement.....	588
Italy-Turkey War.....	377	Library Extension Board.....	509	Mayflower, Descendants.....	245
		Library, State Historical.....	506	Mayoralty Elections, Chicago.....	578
Jackson Park.....	624	License, Rates, Chicago.....	593	Mayors of Chicago, List.....	544
James, Ollie M., Sketch.....	388	Life Insurance.....	125	Mayors of Large Cities.....	504
Japan.....	203	Life Saving at Sea.....	188	Mayor's Office.....	546
Japan, Death of Emperor.....	225	Life Saving Service.....	87	Measures and Weights.....	119
Japanese-Russian War.....	216	Lifeboats on Transports.....	188	Measures, Department of.....	550
Jed Mine Disaster.....	260	Lighting, Street, Chicago.....	577	Meat Packing in 1909.....	65
Jefferson Park.....	628	Lily Gardens.....	630	Meat Trust Case Ended.....	159
Jefferson City, Foreign Born in.....	111	Limitations, Statute of.....	122	Mechanical Engineers, Society.....	353
Jewel Cave.....	175	Lincoln Park System.....	624	Median Lines, Population.....	88, 89
Jewish Calendar.....	14	Liquor Production.....	426	Medical Ass'n, American.....	352
Johnson, H. W., Sketch.....	337	Liquors Consumed.....	214	Medical Freedom, League.....	423
Johnstown Flood.....	217	Liquors Consumed Per Capita.....	37	Medical Schools.....	80
Judiciary, Federal.....	239	Lister, Joseph, Death of.....	29	Medicine, American Academy.....	352
Judiciary Recall, Arizona.....	493	Living, Cost of.....	114, 116	Medico-Psychological Ass'n.....	352
Jury Commission.....	532	Live Stock Commissioners.....	507	Melkjohn, A., Sketch.....	389
		Live Stock Statistics.....	62	Melville G. W., Death of.....	150

Men of the Year.....	387	Mukuntuweap Monument.....	175	Nicaragua, Intervention in.....	420
Merchandise, Exports of.....	46	Mulberry Point.....	630	Nicknames, State.....	259
Merchandise, Imports of.....	45	Mules in United States.....	62	Nobel Prize Winners.....	354
Merchant Marine, U. S.....	378	Municipal Art League.....	550	Nogi, General, Suicide of.....	225
Merrick Park.....	630	Municipal Court Clerk, Vote.....	480	Nominating Conventions, 1912.....	127
Mesa Verde Park.....	175	Municipal Court.....	538	Noon, Sidereal.....	24
Methodist Conference.....	162	Municipal Court Bailiff, Vote.....	480	Normal Park.....	630
Metric System.....	119	Municipal Court Judges, Vote.....	480	Normal Schools.....	80
Metropolitan Districts.....	95	Municipal League, National.....	423	Normal Universities, Illinois.....	506
Mexico.....	204	Municipal Lodging House.....	552	N. Carolina Cities, Population.....	104
Mexico, Disturbances in.....	395	Municipal Voters' League.....	580	North Carolina State Officers.....	459
Meyer, G. von L., Portrait.....	234	Mun. Voters' League Pledge.....	90	North Carolina, Vote of.....	458
Mica Production.....	123	Municipalities by Size.....	616	N. Dakota Cities, Population.....	104
Michigan Cities, Population.....	103	Museum, Field.....	591	North Dakota Game Laws.....	227
Michigan, Foreign Born in.....	110	Music in Chicago.....	581	North Dakota, Nat'l Forests in.....	365
Michigan Game Laws.....	226	Musical Clubs.....	582	North Dakota State Officers.....	460
Michigan, Nat'l Forests in.....	365	Mutsuhito, Death of.....	225	North Dakota, Vote of.....	459
Michigan State Officers.....	449	Mystic Workers of World.....	336	North America, Population of.....	88
Michigan, Vote of.....	448			Northwestern El. Playground.....	632
Microscopical Society, Am.....	352	Nagel, Charles, Portrait.....	234	Northwestern Univ. Library.....	590
Midway Plaisance.....	624	National Banks.....	38	Northwestern U. Settlement.....	588
Milkelsen Expedition.....	149	National Forests.....	354	Norway.....	201
Miles, Length in Feet.....	377	National Guard, Illinois.....	625	Norwood Circle.....	630
Militia Age, Males of.....	97	National Hymns.....	333	Notable Buildings, Chicago.....	620
Militia and Army.....	258	National Monuments.....	175	Notes, Dead.....	29
Militia, Illinois.....	524	National Parks in U. S.....	175	Number Street System.....	596
Milwaukee, Foreign Born in.....	111	National Party Platforms.....	135	Numerals, Roman, Arabic.....	209
Mine Disasters.....	380	National Political Committees.....	357	Numismatic Society, American.....	352
Mine Rescue Stations.....	508	National Red Cross.....	423	Nurseries in United States.....	502
Mineral Paints Produced.....	123	National Union.....	335	Nursery Products, Value.....	28
Mineral Products, U. S.....	123	Nativity of Minors.....	614	Nurses, Examiners of.....	510
Mineral Waters Produced.....	123	Natural Bridges Monument.....	175	Nurses, Schools for.....	80
Miners Killed in U. S.....	504	Naturalists, American Society.....	353	Nuts Produced.....	232
Miners' Strike, British.....	162	Naturalization Laws.....	171		
Mines in United States.....	124	Nature Study Society, Am.....	352	Oak Park.....	630
Mines, Inspectors of.....	508	Navajo Monument.....	176	Oakland Park.....	630
Minneapolis, Foreign Born in.....	110	Naval Academy.....	78	Oat Crops by Years.....	53
Minnesota, Foreign Born in.....	110	Naval Architects, Society.....	353	Oat Crop of World.....	66
Minnesota, Nat'l Forests in.....	365	Naval Expenditures.....	260	Oats, Price of, Chicago.....	646
Minnesota Cities, Population.....	103	Naval Expiry Records.....	428	Obituary.....	88
Minnesota Game Laws.....	226	Naval Militia, Illinois.....	524	Oceanica, Population of.....	88
Minnesota State Officers.....	451	Naval Training Station.....	275	Oceans, Areas of.....	320
Minnesota, Vote of.....	449	Navies Compared.....	260	Oceans, Depths of.....	395
Mining Board, State.....	507	Navies of the World.....	259	O'Connell, W. L., Portrait.....	531
Mining Investigation Com.....	509	Navy and Naval Militia.....	258	Occupations by Industries.....	70
Mints, Coinage.....	247	Navy Department.....	236	Occurrences During Printing.....	502
Mississippi Cities, Population.....	103	Navy, Increase of.....	189	Odd Fellows, Ind. Order of.....	335
Mississippi State Officers.....	452	Navy League of United States.....	346	Officers, Army.....	252
Mississippi Valley Flood.....	116	Navy of United States.....	261	Officers of Navy.....	261
Mississippi Val. Med. Ass'n.....	353	Navy Pay Table.....	270	Officers, Illinois County.....	510
Mississippi, Vote of.....	451	Navy, Secretaries of.....	231	Officers, Chicago City.....	551
Missouri Cities, Population.....	103	Nebraska Cities, Population.....	103	Officials, City, List.....	546
Missouri, Foreign Born in.....	110	Nebraska Game Laws.....	226	Officials, Government.....	235
Missouri State Officers.....	453	Nebraska, National Forests in.....	365	Officials, City, Portraits.....	545
Missouri, Vote of.....	452	Nebraska Prison Mutiny.....	323	Officials, Cook County.....	531
Mohammedan Calendar.....	14	Nebraska State Officers.....	455	Officials, Illinois.....	505
Money and Finance.....	33	Nebraska, Vote of.....	453	Officials, Terms of.....	529
Money of the World.....	35	Nectarines Produced.....	22	Ogden Arrow.....	630
Money, Foreign Value of.....	41	Negrees by Census Years.....	97	Ogden Park.....	626
Money Order Rates.....	179	Negrees in United States.....	96	O'Hara, Barratt, Portrait.....	505
Money Per Capita.....	36	Neighborhood House.....	588	Ohio Cities, Population.....	104
Money Trust Investigation.....	489	Netherlands.....	202	Ohio, Foreign Born in.....	111
Monroe Doctrine.....	205	Nevada Cities, Population.....	103	Ohio State Officers.....	462
Montana Cities, Population.....	103	Nevada, National Forests in.....	365	Ohio Vote of.....	460
Montana, National Forests in.....	365	Nevada State Officers.....	455	Ohio's Constitution.....	393
Montana State Officers.....	453	Nevada, Vote of.....	455	Oil Inspector.....	550
Montana, Vote of.....	453	New Hampshire State Officers.....	455	Oil Cake, International Trade.....	52
Montenegro.....	201	New Hampshire, Vote of.....	455	Oilstones Produced.....	123
Montezuma Castle.....	175	New Jersey Cities, Population.....	104	Oklahoma Cities, Population.....	105
Months, Symbols of.....	178	New Jersey, Foreign Born in.....	111	Oklahoma, Nat'l Forests in.....	365
Montrose Point.....	630	New Jersey State Officers.....	456	Oklahoma State Officers.....	462
Monuments in Chicago.....	571	New Jersey, Vote of.....	455	Oklahoma, Vote of.....	462
Moon, Facts About.....	24	New Jerusalem Church.....	332	Old Chicagoans.....	684
Moon, Harvest, Etc.....	30	New Mexico, Admission.....	104	Old Residents of Chicago.....	684
Morgan Park Annexation Void.....	622	New Mexico Cities, Population.....	104	Olivet Institute.....	598
Morocco.....	203	New Mexico, Nat'l Forest in.....	365	Olson, Harry, Portrait.....	545
Mortgages, Farm.....	495	New Mexico State Officers.....	456	Olympic Games of 1912.....	313
Mortality Statistics, Chicago.....	577	New Mexico, Vote of.....	456	Opera in Chicago.....	581
Mortality Statistics, U. S.....	376	New York City, Foreign Born in.....	110	Ophthalmological Society.....	352
Mosely Playground.....	632	New York Cities, Population.....	104	Order Leagues.....	588
Mothers, Congress of.....	423	New York State Barge Canal.....	215	Orders for Chicagoans.....	582
Motorcycling.....	291	New York State, For'n Born in.....	110	Oregon Caves.....	176
Motoring.....	289	New York State Officers.....	453	Oregon Cities, Population.....	105
Mount Olympus Monument.....	175	New York, Vote of.....	456	Oregon, National Forests in.....	365
Mountains, Highest.....	118	New York's High Buildings.....	225	Oregon State Officers.....	463
Mount Rainier Park.....	175	Newberry Library.....	590	Oregon, Vote of.....	462
Moving Pictures, Copyright.....	189	Newspapers in United States.....	147	Oriental Society, American.....	352
Muir Woods.....	175	Nicaragua.....	204	Orificial Surgeon, Society.....	352

Orleans Playground.....	632	Persia.....	203	Presbyterian Church.....	329
Orphanages in United States.....	502	Persons in Manufacturing.....	70	Precious Stones Produced.....	123
Orthopedic Ass'n, American.....	362	Peru.....	204	Precipitation, Normal.....	195
Osaka, Japan, Fire in.....	160	Petitions, Primary, Decision.....	354	Presidential Campaign, 1912.....	399
Osteopathic Ass'n, American.....	352	Petrified Forest.....	176	Presidential Election, 1916.....	356
Outer Harbor Plans.....	550	Petroleum Produced.....	77, 123	Presidential Primary, Illinois.....	483
Outlaws, Crimes by.....	419	Pinnacles Monument.....	176	Presidential Primary Law, Ill.....	527
Owens, J. E., Portrait.....	531	Pioneers, Deaths of.....	640	Presidential Succession.....	366
		Pioneers of Chicago.....	634	Presidential Vote (1928-1912).....	427
		Pioneers, Societies of.....	594	Presidential Vote, Illinois.....	524
Pacing Records.....	287	Piotrowski, N. L., Portrait.....	545	Presidential Vote, 1912.....	430
Packers' Case Ended.....	159	Pitney, Mahlon, Sketch.....	389	Presidents and Cabinets.....	230
Packing in Chicago.....	526	Planets, Conjunctions of.....	26	President's Messages.....	403, 411
Packing Statistics.....	227	Planets, Ephemeris of.....	25	Presidents, Pay of.....	243
Palette and Chisel Club.....	563	Planets, Facts About.....	24	Presidents, Pensions for.....	424
Palmer Park.....	626	Planets, Visibility of.....	26	Presidents, Where Buried.....	125
Palmer, Ray, Portrait.....	545	Platforms, National Party.....	135	Press, Associated.....	221
Pamphlets Published.....	67	Platinum Production.....	123	Press Humorists, American.....	423
Panama Canal.....	212	Platt National Park.....	175	Prices, Relative.....	117
Panama Canal Act.....	182	Playground Association.....	632	Prices, Retail.....	113
Panama Canal Tolls Fixed.....	425	Playground Association of Am.....	423	Prices, Wholesale.....	112
Panama Canal Zone.....	374	Playgrounds, Municipal.....	632	Primaries, Dates for.....	482
Panama Pacific Expedition.....	356	Planes Produced.....	233	Primaries, Presidential.....	400
Panama, Republic of.....	205	Pluralities, Party.....	427	Primaries, Watchers at.....	528
Pan-American Union.....	275	Points of Interest, Chicago.....	554	Primary Law, Illinois.....	522
Panics, Theater.....	130	Polar Record.....	150	Primary Law, Presidential, Ill.....	527
Panama, Panama.....	184	Pole, South, Reached.....	148	Primary Returns, Cook Co.....	485
Parcel Post.....	200	Police, Chiefs of.....	583	Primary Returns, Illinois.....	483
Parcel Post Exchanges.....	184	Police Department.....	549	Principals of Schools.....	564
Parcel Post Law.....	184	Police Dept., Work of.....	560	Prison, Association, American.....	423
Parcel Post Regulations.....	496	Police Stations.....	560	Prison Commission, Internat'l.....	423
Pardons, Board of.....	508	Political Ass'ns in Chicago.....	580	Prison Mutiny, Nebraska.....	323
Park Areas, Chicago.....	632	Political Committees.....	357	Prisoners in Chicago.....	560
Park Commission, Illinois.....	509	Political Equality League.....	580	Prisons, State.....	374
Parks, Chicago.....	624	Political Science, Academy.....	352	Prize Fight Films Barred.....	188
Parks, National.....	175	Polo.....	283	Probate Court.....	537
Parks, Small, Chicago.....	630	Popular Vote, Illinois.....	523	Progress of Chicago.....	543
Party Emblems in 1912.....	423	Popular Vote, 1912.....	430	Progress of United States.....	174
Party Lines in Congress.....	429	Population American Cities.....	98	Progressive Club, Chicago.....	580
Party Platforms, National.....	135	Population by Color.....	96	Progressive Emblem.....	423
Party Pluralities.....	427	Population by Nativity.....	96	Progressive County Committee.....	363
Passengers from U. S.....	160	Population by Race.....	96	Progressive Movement.....	399
Passport Regulations.....	174	Population by Sex.....	93	Progressive Nat'l Convention.....	359
Past Politics of States.....	429	Population, Center of.....	88, 99	Progressive Nat'l Convention.....	359
Patents, Applications for.....	165	Population, Chicago.....	526	Progressive Platform.....	143
Patriotic Societies.....	341	Population, Cook County.....	526	Progressive State Committee.....	361
Patterson Park.....	630	Population, Foreign Born.....	102	Prohibition County Committee.....	362
Pay, Army, Table of.....	257	Population, Ill., by Counties.....	528	Prohibition Nat'l Committee.....	358
Pay of City Employees.....	551	Population, Median Lines.....	88, 99	Prohibition, West Virginia.....	542
Pay of County Employees.....	552	Population, Metropolitan Distrs.....	95	Prohibition Nat'l Convention.....	133
Pay of Presidents, Rulers.....	243	Population Per Square Mile.....	108	Prohibition Platform.....	143
Pay, Navy, Table.....	270	Population, Rural.....	94	Prohibition State Committee.....	361
Paymaster's Bureau.....	547	Population Statistics.....	83	Propositions, Vote.....	481, 482
Paupers in United States.....	488	Population, U. S., Census Years.....	91	Prosecuting Attorney.....	548
Pavement Mileage, Chicago.....	577	Population, U. S., Growth of.....	90	Protective Associations.....	588
Pfeizer, D. M., Portrait.....	531	Population, Urban.....	94	Prunes Produced.....	233
Pharmacy, Board of.....	508	Population, World.....	83	Public Administrator.....	533
Pharmacy, Schools of.....	80	Populist National Committee.....	360	Public Debt of United States.....	425
Philadelphia, Foreign Born in.....	111	Populist National Convention.....	134	Public Domain.....	425
Philippine Islands.....	376	Populist Platform.....	147	Public Efficiency Bureau.....	612
Philippine War.....	213	Pork, Mess, Price in Chicago.....	444	Public Health Association.....	352
Philippines, Army of.....	346	Pork Packing Statistics.....	227	Public Health Service.....	187
Philological Association, Am.....	352	Porto Rico.....	373	Public Library.....	589
Physiological Association, Am.....	353	Porto Rico, Manufactures in.....	73	Public Political Questions, Vote.....	481
Phosphate Rock Production.....	125	Porto Rico, National Forest in.....	365	Public Safety Bureau.....	549
Physician, County.....	533	Porto Rico, Population.....	92	Public Works, Dept. of.....	548
Physicians, American Ass'n.....	553	Portugal.....	201	Publishers' Association.....	221
Pea Crop of the World.....	58	Postions, Chicago City.....	551	Pugilism.....	312
Peace Forum, International.....	423	Postage Rates.....	179	Pullman Company Statistics.....	369
Peace Foundation, Industrial.....	167	Postal Affairs, Message.....	417	Pullman Park.....	630
Peace Movements.....	375	Postal Banks, Chicago.....	570	Pullman Public Library.....	590
Peaches Produced.....	232	Postal Banks, U. S.....	402	Punishment, Different Ages.....	118
Peanuts Produced.....	233	Postal Employees and Unions.....	190	Punishment, Capital.....	210
Pears Produced.....	232	Postal Employes' Hours.....	186	Pyrite Produced.....	123
Peasons, D. K., Death of.....	344	Postal Revenue Per Capita.....	37	Pythias, Knights of.....	335
Peat Supply of United States.....	253	Postal Savings Banks, Foreign.....	305		
Pecans Produced.....	253	Postal Statistics, U. S.....	494	Qualifications for Suffrage.....	169
Pediatric Society, American.....	508	Postal Statistics, World.....	126	Quarries in United States.....	124
Penitentiaries, Illinois.....	508	Postmasters-General.....	231	Quartz Produced.....	123
Pension Agencies Abolished.....	187	Postmasters in Large Cities.....	390	Quinn, J. A., Portrait.....	545
Pension, Service, Act.....	187	Postmasters of Chicago.....	556		
Pension System, Telephone.....	421	Postoffice, Chicago.....	569	Race, Population by.....	96
Pensions for Presidents.....	424	Postoffice Department.....	237	Racing, Horse.....	285
Pension Statistics.....	370	Potato Crop by States.....	61	Racquets.....	315
Pennsylvania Cities, Population.....	105	Potato Crop by Years.....	64	Radio-Communication Law.....	187
Pennsylvania, Foreign Born in.....	111	Potato Crop of World.....	57	Radio Regulations.....	188
Pennsylvania State Officers.....	463	Poultry Statistics.....	62	Railfelsen Banking System.....	37
Pennsylvania, Vote of.....	464	Power Boat Racing.....	305	Railroad Accidents.....	368
Peoria Industries.....	77				
Per Capita Statistics, Gov't.....	36				

Railroad and Warehouse Com.	509	Royal League	337	Sherman Act	167
Railroad, Elevated, Stations	583	Rubber, International Trade	583	Sherman, J. S., Death of	390
Railroad Speed	366	Running Records	285	Sherman, J. S., Portrait	234
Railroad Stations, Chicago	571	Rural Co-Operative Banks	37	Shiloh National Park	175
Railroad Statistics, Illinois	513	Rural Population	94	Ship Canals, Great	216
Railroad Statistics, U. S.	367, 368	Russell Square	626	Shipments, Chicago	576
Railroad Statistics, World	126	Russia	201	Shipping, American	378
Railroad, Street, Accounts	549	Russian Calendar	14	Shipping, Disasters to	378
Railroad, Street, Chronology	594	Russian Treaty Abrogated	160	Ships of United States Navy	267
Railroad Track Elevation	618	Russo-Japanese War	216	Ships, World's	378
Rails, Steel, Produced	578	Ryan, J. William, Portrait	605	Shooting	308
Railroads, World's	378	Rye Crop by States	60	Shoshone Cavern	176
Railroad Wrecks	363	Rye Crop by Years	63	Siam	203
Railroads, Electric	150	Rye Crop of World	56	Sicily, Earthquake in	176
Railroads Fined for Rebating	157	Ryerson Library	591	Sights in Chicago	544
Rails, Steel, Produced	578	Sage Foundation	167	Simple Interest Table	120
Railway Gardens	630	St. Mary's Settlement	588	Silver, Bullion Value of	36
Rainbow Bridge Monument	176	St. Paul, Foreign Born in	110	Silver Coins of United States	40
Ransdell, J. E., Sketch	389	Salaries, City Employees	561	Silver, Commercial Ratio	33
Ready Reference Calendar	21	Salaries, County Employees	534	Silver Coinage by Nations	33
Real Estate Boards	576	Salaries of Teachers	567	Silver Imports and Exports	48
Real Estate Transfers	632	Saloons, Number in Chicago	543	Silver, Price of Bar	34
Receipts, Chicago	576	Salt Produced	123	Silver Produced by States	123
Receipts, Government	193	Salvation Army	233	Silver Products by States	34
Receipts, Gov't, Per Capita	36	Sampson Playground	626	Silver Production	33
Receipts, Illinois	624	Sanders, N., Sketch	389	Silver Production Per Capita	33
Recorder's Office	532	San Diego Exposition	386	Silver, Stock of, in U. S.	34
Recorder, Vote for	479	San Francisco Earthquake	176	Silk, Raw, Production	58
Red Cross Society	563	San Francisco Exposition	386	Silk Monument	176
Red Cross, Law	189	San Francisco, Foreign Born in	109	Skat	315
Red Men, Order of	335	Sanitary District	595	Skating, Ice	303
Referendum Constitutional	340	Sanitary District, Vote	481	Skating, Roller	307
Reformatory, State	508	Santo Domingo	205	Ski Jumping	308
Regina Tornado	243	Sault Ste. Marie Canal Traffic	398	Slaughtering in 1909	65
Registration, Chicago	608	Savings Banks, Foreign	33	Small Parks, Chicago	630
Registration Rules, Chicago	482	Savings Banks, United States	39	Smith, M. A., Sketch	389
Reichstag Elections	160	Savings Deposits in Nat'l Banks	39	Smithsonian Institution	209
Relative Prices	117	Sayre, Park	630	Smoke Inspection Department	550
Religious Education Ass'n	332	Schoenhofen, Plaque	630	Smyth, C. A., Portrait	531
Religious Societies, Chicago	559	School Age, Persons of	86	Soapstone Production	123
Religious Statistics	324	School Attendance	36	Social Science Ass'n, Am.	352
Representatives, House	243	School Census, Chicago	614	Social Settlements	588
Representatives, State, Ill.	514	School Statistics, Chicago	568	Socialist County Committee	363
Republican County Committee	361	Schools, Common, Statistics	79	Socialist County Committee	363
Republican Emblem	423	Schools, County Superintendent	532	Soc. Labor Nat'l Committee	360
Republican Nat'l Committee	357	Schools of Chicago	564	Socialist Labor Convention	127
Republican Nat'l Convention	127	Schools, Private, Chicago	613	Socialist Labor Platform	135
Republican Platform	137	Schrank, John, Sentenced	424	Socialist Nat'l Committee	359
Republican State Committee	360	Schulze-Delitzsch System	37	Socialist Nat'l Convention	127
Reservations, Bird	353	Schurman, J. G., Sketch	389	Socialist Platform	135
Residents, Old, of Chicago	634	Science, Am. Ass'n for Advanc't	352	Socialist State Committee	361
Retail Prices	113	Sciences, Academy of	594	Societies, Fraternal	334
Retired List, Army	251	Sciences, National Academy	353	Societies, Learned, American	352
Retired List, Navy	266	Scotland	197	Societies, Learned, Chicago	591
Revenue, Internal, Receipts	172	Scott Expedition	149	Societies, National	423
Revenues, National	44	Seals, Fur, Protection of	189	Societies, Patriotic	341
Review, Board of	532	Seas, Depths of	395	Societies, Religious, Chicago	559
Review, Board, Vote	481	Seaports, Distances to	364	Sold Pertility League	423
Revolution in China	394	Seaports, Principal	150	Soldiers' Homes	421
Revolution in Ecuador	155	Seasons, The	13	Solon, F. W., Portrait	545
Rhode Island Cities, Populat'n	106	Secret Societies	334	Sons of America, Order	337
Rhode Island State Officers	465	Seidel, Emil, Sketch	387	Sons of American Revolution	345
Rhode Island, Vote of	465	Senatorial Districts, Illinois	521	Sons of St. George	337
Rice Crop of World	57	Sensors, Direct Election	190	Sons of the Revolution	343
Rice, International Trade	52	Sensors, State, Illinois	514	Sons of Veterans	346
Rice Triangle	630	Senators, United States	244	South Africa, Union of	198
Rifle Shooting	308	Senators, U. S., Illinois	513	South America, Population	88
Riots in Rock Island	315	Sequola National Park	175	South American Republics	204
Rivers-Lakes Commission	510	Serva	202	S. Carolina Cities, Population	106
Rivers, Longest	374	Service Pension Act	137	South Carolina State Officers	465
Roads, Good, Movement	419	Settlements, Social	588	South Carolina, Vote of	465
Roads, Surfaced, in America	420	Seven Modern Wonders	243	S. Dakota Cities, Population	106
Roberts Square	630	Seward Park	624	South Dakota Game Laws	227
Rock Creek Park	175	Sewers, Bureau of	548	South Dakota, Nat'l Forests in	26
Rock Island Riots	315	Sex, Population by	93	South Dakota State Officers	466
Rockefeller Fund	363	Sexton, W. H., Portrait	545	South Dakota, Vote of	465
Rocky Ledge	630	Seyferlich, C. F., Portrait	545	South Deering Settlement	588
Roller Skating	307	Shedd's Park	628	South End Settlement	588
Roman Catholic Church	326	Sheep by States	62	South Parks	624
Roman Gods	28	Sheep in United States	63	South Pole Reached	143
Roman Numerals	209	Sheppard, M., Sketch	389	South Shore Development	542
Roosevelt, Attempt to Kill	424	Sheridan, W. K., Portrait	531	Sovereigns, Pay of	243
Roosevelt in Campaign	399	Sheriffs of Cook County	571	Spain	202
Roosevelt, T., Sketch	387	Sherriffs, Vote for	523	Spain, Premier of, Killed	421
Rogue	311	Sherman	624	Spanish-American War	216
Rosin, International Trade	53			Spanish-American War, Order	345
Roumania	201			Speakers of House	243
Rowing	299			Speed on Typewriter	427
Royal Arcanum	335			Speed, Railway	366

Speed Rates.....	381	Taft, W. H., Portrait.....	234	Turpentine, Internat'l Trade..	53
Spirits Consumed.....	214	Taft's Messages.....	403, 411	Tutula.....	374
Spirits Consumed Per Capita..	37	Talc Production.....	123	Typhoon in Philippines.....	487
Spirits, Production of.....	426	Tariff Bill Vetoes.....	191	Typewriter, Speed on.....	214, 427
Spring Records Begin.....	276	Tariff Commission.....	209		
Spring Begins.....	13	Tariff Laws Since 1834.....	209	Union of South Africa.....	498
Springfield (Ill.) Industries..	77	Tariff Rates.....	207	Union Park.....	628
Standard Time Table.....	31	Tax Commission, Illinois.....	530	Union Veteran Legion.....	343
Stars, Brightest.....	23	Tax Rates for 1911.....	574	Unions, Labor, Chicago.....	349
Stars, Number of.....	28	Tax Rates for 1912.....	502	Unitarian Church.....	331
State Boards.....	506	Taxes, Inheritance.....	495	United Am. Mechanics, Order	336
State Central Committees.....	360	Taxicab Fares.....	604	United Confederate Veterans..	342
State Department.....	235	Taxing Bodies, Chicago.....	574	United Christian Party.....	360
State Hospitals, Etc.....	508	Tea Consumed.....	214	United Kingdom.....	197
State Life Insurance.....	522	Tea Consumed Per Capita.....	37	United Spanish War Veterans	344
State Nicknames, Flowers.....	259	Ten, International Trade.....	53	United Societies.....	580
State, Secretaries of.....	230	Teachers' Federation.....	585	United States, Area of.....	107
State Societies in Chicago.....	542	Teachers' Salaries.....	80, 567	United States, Canals in.....	215
State Societies, Illinois.....	542	Teachers, Societies of.....	585	U. S. Military Academy.....	78
State's Attorney, Vote.....	478	Telegraph Statistics, U. S.....	340	United States Naval Academy	78
State's Attorneys, List.....	588	Telegraph Statistics, World..	126	United States, Population of..	83
State's Attorney's Office.....	533	Telegraphs, World's.....	378	United States, Progress of.....	174
State's Attorneys, Vote for.....	523	Telephone Rates.....	562	U. S. Sues Harvester Co.....	54
States, Facts About.....	426, 428	Telephone Statistics.....	419	United Workmen, Order of.....	326
States, Highest Points in.....	54	Temperature, Normal.....	195	Universities, American.....	81
States in Union.....	155	Tennessee Cities, Population..	406	Universities, European.....	85
States, Past Politics.....	429	Tennessee State Officers.....	167	Universities, State Normal..	506
Stations, Elevated Railway.....	583	Tennessee, Vote of.....	466	University Bill Decision.....	218
Stations, Fire Department.....	578	Tennis.....	295	Univ. of Chicago Settlement..	588
Stations, Railroad, Chicago.....	571	Terms of Officials.....	529	University of Illinois.....	506
Statistical Ass'n, American.....	353	Territories in Union.....	155	Urban Co-Operative Banks.....	37
Statistics, Bureau, Chicago.....	549	Texas Cities, Population.....	106	Urban Population.....	94
Steamships, Large.....	425	Texas State Officers.....	469	Uruguay.....	204
Steel Production.....	367	Texas, Vote of.....	467	Utah Cities, Population.....	104
Steel Rails Produced.....	157	Theater Fires.....	163	Utah, National Forests in.....	365
Stephenson Investigation.....	158	Theaters, Chicago.....	563	Utah State Officers.....	469
Stimson, H. L., Portrait.....	234	Theological Schools.....	80	Utah, Vote of.....	469
Stock Exchange, Chicago.....	573	Thermometers Compared.....	121		
Stocks, Records of.....	396	Thomas Orchestra.....	581	Valparaiso Earthquake.....	176
Storm Warning Flags.....	194	Thompson, C. A., Sketch.....	389	Vaniman, M., Killed.....	266
Storms and Floods.....	380	Time, Eras of.....	13	Venezuela.....	204
Street Grades, Chicago.....	583	Time, Foreign Standards.....	32	Vermont Cities, Population..	106
Street, Longest, Chicago.....	543	Time, Map of Standard.....	32	Vermont State Officers.....	469
Street Railway Accounts.....	540	Time, Standards of.....	31	Vermont, Vote of.....	469
Street Railway Chronology.....	594	Time, To Get Correct.....	29	Vernon Park.....	628
Street Railway Franchises.....	581	Tires, Widths Required.....	555	Vessels, American.....	378
Street Lighting, Chicago.....	577	Tisza, Attempt to Kill.....	260	Veterinary Schools.....	80
Street Mileage, Chicago.....	577	Titanic, Loss of the.....	151	Veto Messages.....	191
Streets, Bureau of.....	540	Titles, Registrar.....	532	Vice Presidents, United States	230
Strike, Patrons.....	547	Tobacco Crop by States.....	61	Vicksburg, National Park.....	375
Strike, British Miners.....	162	Tobacco Crop by Years.....	64	Villareal Disaster.....	459
Strike, Lawrence.....	372	Tobacco Crop of World.....	57	Virginia Cities, Population..	106
Structures, High.....	363	Tobacco, International Trade..	52	Virginia Court Tragedy.....	418
Stuckert, H., Portrait.....	545	Tobin, E. J., Portrait.....	531	Virginia State Officers.....	471
Subway Commission.....	573	Toline, Foreign Born in.....	111	Virginia, Vote of.....	470
Subway Plans, Chicago.....	573	Tonnage in Foreign Trade.....	48	Visibility on Lakes.....	374
Suffrage, Qualifications for.....	169	Tonnage, Vessel, Chicago.....	572	Volunteers of America.....	333
Suffrage Vote, Michigan.....	489	Tonto Monument.....	176	Vote, Chicago.....	474
Suffrage, Woman, States.....	176	Tolls, Panama Canal.....	183, 425	Vote, Electoral, by States.....	497
Sugar, Beet, in United States..	64	Track Elevation Department..	549	Vote on Legislature, Illinois..	515
Sugar Consumed Per Capita.....	37	Track Elevation, Railroad.....	618	Vote, Popular.....	430
Sugar, International Trade.....	53	Trade Society, American.....	332	Vote, Popular, Illinois.....	523
Sugar Production by Years.....	65	Trade, Board of.....	610	Vote, Presidential (1828-1912)	427
Sugar Production of World.....	547	Trade Marks, Registration.....	165	Vote, Presidential, Illinois..	524
Sugar Used in U. S., 1912.....	504	Traeger, J. E., Portrait.....	265	Voters' League Pledge.....	623
Suicide of Gen. Nogai.....	225	Trains, Fast.....	366	Voters, Registration of.....	608
Sully's Hill Park.....	175	Trap Shooting.....	361	Voting Age, Males of.....	93
Sulphur Produced.....	123	Travelers, Free List for.....	109	Voting Age, Women of.....	97
Sulzer, William, Sketch.....	389	Treasurer, Chicago.....	547	Voting Machine Commission..	509
Summer Begins.....	13	Treasurers, City, Since 1837..	595	Voting, Qualifications for.....	169
Summer Schools.....	80	Treasurers, Illinois, Vote for.	523	Voyages, Fastest.....	497
Sun, Facts About.....	24	Treasury Department.....	235		
Sun Yat Sen, Sketch.....	390	Treasury, Secretaries of.....	230	Wages, Tables of.....	122
Sunday School Union.....	332	Treaties, Arbitration.....	190	Walk, Long, by Mrs. Beach.....	67
Superintendent Public Service	532	Treaty, Russian, Abrogated.....	160	Walnuts Produced.....	233
Superior Court.....	537	Trolley Lines, Interurban.....	585	Walsh, F. J., Portrait.....	531
Superior Court Clerk, Vote.....	479	Trouting Records.....	286	War Department.....	235
Supplies, Department of.....	549	Trust, Money, Investigation.....	489	War in Balkans.....	391
Supreme Court, Illinois.....	506	Tuberculosis Institute.....	612	War of 1812, Society of.....	345
Supreme Court, United States	333	Tuberculosis, Soc. Prevention..	353	War, Secretaries of.....	230
Surgical Ass'n, American.....	533	Tumacacori Monument.....	203	Ward Boundaries.....	586, 587
Surveyor, County.....	533	Tunis.....	503	Wards, Number of.....	586
Sweden.....	202	Tunnels Under River.....	559	Wars, Chronology of Recent..	216
Swedenborgian Church.....	332	Tunnels, Water.....	575	Wars, U. S., Troops in.....	216
Switzer, R. M., Portrait.....	521	Turkey.....	202	Washington Cities, Population	106
Swimming.....	302	Turkey-Balkan War.....	391	Washington, Nat'l Forests in	365
Swine in United States.....	63	Turkey, Earthquake in.....	176	Washington Park.....	624
Switzerland.....	202	Turkey-Italy War.....	421	Washington Playground.....	632

Washington Square.....	630	Wheat Flour, Internat'l Trade	52	Wool, International Trade.....	53
Washington State Officers.....	471	Wheat, International Trade.....	52	Wool, Production by States....	62
Washington, Vote of.....	471	Wheat, Price of, Chicago.....	646	Woodland Park.....	630
Water, Bureau of.....	547	Wheeler National Monument..	176	Woodmen, Modern.....	335
Water Color Club.....	563	Whist.....	311	Woodmen of World.....	336
Waterfalls, Famous.....	211	Whitman, J. L., Portrait.....	545	Woods, Harry, Portrait.....	505
Watkins, A. S., Sketch.....	387	Wholesale Prices.....	112	Work of 62d Congress.....	182
Waterworks System, Chicago..	575	Wicker Park.....	628	Works, Public, Department of	548
Weather, Chicago.....	572	Wind Cave Park.....	175	Wreck of Titanic.....	151
Weather Forecasts.....	194	Wiley, Dr., Resignation.....	158	Wreck, Railroad, Kimmundy..	126
Weather Records, U. S.....	196	Wilson, James, Portrait.....	234	Wrecks, Railroad.....	380
Webb, T. J., Portrait.....	531	Wilson, Woodrow, Sketch.....	387	Wrestling.....	312
Weber, William H., Portrait..	531	Wind-Barometer Table.....	194	Wright, Wilbur, Death of....	134
Wedding Anniversaries.....	542	Wines Consumed.....	214	Wrightwood Ave. Playground.	632
Weights and Measures.....	119	Wines Consumed Per Capita..	37	Wyoming Cities, Population..	106
Weights, Bushel.....	121	Winter Begins.....	13	Wyoming Game Laws.....	227
Weights, Department of.....	550	Wireless Communication Law..	188	Wyoming, Nat'l Forests in...	365
Weights of Adults.....	118	Wisconsin Cities, Population..	106	Wyoming State Officers.....	473
Welles Park.....	624	Wisconsin, Earthquake in....	44	Wyoming, Vote of.....	473
Wendell Phillips Settlement..	588	Wisconsin, Foreign Born in...	111		
West Parks.....	624	Wisconsin Game Laws.....	226	Yachting.....	297
West Point Academy.....	78	Wisconsin State Officers.....	473	Yellowstone National Park...	176
West, Roy O., Portrait.....	531	Wisconsin, Vote of.....	472	Yosemite National Park.....	176
W. Virginia Cities, Population	106	Wolf, Adam, Portrait.....	531	Yoshohito, Sketch.....	390
West Virginia State Officers..	471	Woman's Relief Corps.....	343	Young, G. B., Portrait.....	545
West Virginia, Vote of.....	471	Woman's Suffrage Ass'n, Nat.	423	Y. M. C. Association.....	332
Western Economic Society.....	353	Woman's Suffrage States.....	176		
Western Society Engineers.....	591	Women, National Council.....	423	Zimmer, Michael, Portrait....	531
Western Springs (Ill.) Wreck..	174	Women, Voting Age.....	423	Zinc Oxide Production.....	123
Wheat Consumed Per Capita..	37	W. C. T. U., National.....	423	Zinc Production.....	123
Wheat Crop by States.....	60	Women's Clubs, General Fed..	423	Zodiac, Signs of.....	30
Wheat Crop by Years.....	63	Wonders, Seven Modern.....	243	Zoological National Park.....	175
Wheat Crop of World.....	55	Wood Pulp, Internat'l Trade..	53	Zoological Gardens.....	227
Wheat Harvest Calendar.....	63	Wool Consumed Per Capita... 37			

INDEX TO ADVERTISEMENTS.

Advertising, Outdoor: Thos.		Eckhart, John W. & Co.....	635	Marshall-Jackson Company....	625
Cusack Co.....	627	Electricity: Cosmopolitan		Merchandise: S. Phillipson &	
American Steel & Wire Co....	617	Electric Co.....	631	Co.....	635
American Steel Foundries....	637	Elmes Chas. F., Engineering		Merchants Loan & Trust Co.	
Banking: Corn Exchange National Bank.....		Works.....	633	Outside Back Cover	
Banking: Des Plaines State Bank.....		Engineers: John M. Ewen Co.	645	Metals: E. W. Blatchford Co.	621
Bank.....	601	Engineers: Phillips, Getschow Co.....	633	Morrill, George H., Co.....	
Banking: Geo. H. Burr & Co.	603	Engineers: The W. H. Schott company.....	641	Opposite Title	
Banking: Graham & Sons.....	599	Engineering Works: C. F. Elmes.....	633	Niles Center State Bank.....	601
Banking: Merchants Loan & Trust Co.....		Ericsson, Henry, Company....	643	Northwestern Terra Cotta Co.	643
Banking: Niles Center State Bank.....	601	Ewen, John M., Company.....	645	Offices: Ins. Exchange Bldg.	611
Banking: Russell, Brewster & Co.....	603	Fencing: American Steel & Wire Co.....	617	Offices: State & Quincy Bldg.	
Banking: S. B. Chapin & Co.	601	Filets: J. W. Eckhart & Co.	635	Opposite Inside Back Cover	
Bartell Brothers.....	633	Gatlin, Insurance.....	619	Oils: Bartell Brothers.....	633
Becker, A. G., & Co.....	605	Graham & Sons.....	599	Phillips, Getschow Co.....	633
Bingham's, Samuel, Son.....	613	Hall, W. F., Printing Co.....	615	Phillipson, Samuel, & Co.....	635
Blatchford, E. W., Co.....	621	Harris, Winthrop & Co.....	599	Presses, Etc.: R. Hoe & Co.	664
Blue Printers: Crofoot, Nielson & Co.....	635	Hoe, R., & Co.....	664	Printers' Rollers: Sam'l Bingham's Son.....	613
Brick: Illinois Brick Co.....	605	Huber, J. M.....	606, 607	Printing: Regan Prtg. House.	637
Burr, George H., & Co.....	603	Ice Creams: John T. Cunninghamham.....	609	Printing: W. F. Hall Printing Co.....	615
Chapin, S. B., & Co.....	601	Illinois Brick Co.....	605	Railway Supplies: American Steel Foundries.....	637
Coal: Waller Coal Company....	643	Illinois Life Insurance Co....		Regan Printing House.....	637
Coffee: William Davidson.....	645	Opposite Inside Front Cover		Russell, Brewster & Co.....	603
Commercial Paper: A. G. Becker & Co.....	605	Inks: George H. Morrill Co.		Schott, W. H., Co.....	641
Commission Merchants: Lamson Bros. & Co.....	641	Opposite Title		Simplex Railway Appliance Co.....	637
Contractors: Henry Ericsson company.....	643	Inks, Printing, Etc.: J. M. Huber.....	606, 607	State and Quincy Building...	
Corn Exchange National Bank.....		Insurance: Exchange Building.	611	Opposite Inside Back Cover	
.....Inside Back Cover		Insurance, Life: U. S. Annuity & Life Ins. Co.....	639	Stationers: Marshall-Jackson Co.....	625
Cosmopolitan Electric Co.....	631	Insurance, Life: Illinois Life Ins. Co.....		Stocks, Etc.: Harris, Winthrop & Co.....	599
County Traction Co.....	629	Insurance, Life: Marsh & McLennan.....		Terra Cotta: The Northwestern Terra Cotta Co.	643
Crofoot, Nielson & Co.....	635	Inside Front Cover		Traction: County Traction Co.	629
Cunningham, John T.....	609	Lamson Bros. & Co.....	641	U. S. Annuity & Life Ins. Co.	639
Cusack, Thos., Company.....	627	Landscape Gardening.....	639	Vaudeville: Western Managers' Association.....	623
Davidson, William.....	645	Lockers: Durand Steel Lockers.....	645	Waller Coal Company.....	643
Des Plaines State Bank.....	601	Marsh & McLennan.....		Western Vaudeville Managers' Association.....	623
Durand Steel Locker Co.....	645	Inside Front Cover			

CHICAGO DAILY NEWS

ALMANAC AND YEAR-BOOK

1913.

Astronomical calculations prepared by Berlin H. Wright, De Land, Fla., and expressed in mean local time unless otherwise indicated.

THE SEASONS AND THE SUN'S APPARENT PATH THROUGH THE ZODIAC.

Sun enters			Central standard time.			D. H. M.		
Long.	Sign.	Constellation.	D.	H.	M.			
270°	♏	December	21,	10	45	p. m., 1912.....	Winter begins and lasts	89 0 25 south of equator.
300°	♐	January	20,	9	18	a. m., 1913		
330°	♑	February	18,	11	44	p. m., 1913		
0°	♒	March	20,	11	18	p. m., 1913.....	Spring begins and lasts	92 19 51 north of equator.
30°	♓	April	20,	11	2	a. m., 1913		
60°	♈	May	21,	10	50	a. m., 1913		
90°	♉	June	21,	7	9	p. m., 1913.....	Summer begins and lasts	93 14 44 north of equator.
120°	♊	July	23,	6	4	a. m., 1913		
150°	♋	August	23,	0	48	p. m., 1913		
180°	♌	September	23,	9	53	a. m., 1913.....	Autumn begins and lasts	89 18 42 south of equator.
210°	♍	October	23,	6	35	p. m., 1913		
240°	♎	November	22,	3	36	p. m., 1913		
270°	♏	December	22,	4	35	a. m., 1913	Winter begins, Tropical year	365 5 42
			D.	H.	M.			
			89	0	25			
			89	13	31			
			178	19	2			2 south of equator.
			D.	H.	M.			
			92	19	51			
			93	14	44			
			186	10	35			35 north of equator.
			178	19	2			
			7	15	33			longer north of the equator than

south of it, owing to the slower motion of the earth (sun's apparent motion) when at and near aphelion, or farthest from the sun.

ERAS OF TIME.

The Gregorian year 1913 corresponds to the following eras:
 From July 4th the 138th year of the Independence of the United States.
 The year 7421-22 of the Byzantine era; year 7422 begins Sept. 1.
 The year 8022 of the Greek church, beginning Jan. 14.
 The year 5673-74 of the Jewish era; year 5674 begins at sunset Oct. 1.
 The year 1331-32 of the Mohammedan era; year 1332 begins Nov. 30.
 The year 6626 of the Julian period, and Jan. 1, 1913, is the 2,419,769th day since the beginning of that era.

CHRONOLOGICAL CYCLES.

Dominical letter..... E Lunar cycle or golden number 14 Roman Indiction..... 11
 Epact (moon's age, Jan. 1)... 22 Solar cycle..... 18 Jewish Lunar cycle..... 11

EXPLANATORY NOTE—The Dominical letter or letters (two for leap year), or Sunday letters, indicate the day of the year on which the first Sunday occurs, the first seven letters of the alphabet being used. Thus, for 1910, the Dominical letter is B, the second letter of the alphabet, and hence the second day of the year will be the first Sunday of the year. In leap years two letters are used, the first being for January and February, and the latter, being the preceding letter, answers for the last ten months, in order to maintain the cycle. The rule for obtaining the Dominical letter for any year is somewhat complicated and for that reason is omitted here. The Golden Number is that number of a cycle of nineteen years which shows how many years have elapsed since the new moon fell on Jan. 1, for in nearly nineteen years the solar and lunar years nearly come together. The chief use of this cycle is in fixing the date of Easter, and in this same connection is used the Epact. The Solar Cycle is the number of years that have elapsed since the days of the week fell on the same days of the year, or when there will, therefore, be a recurrence of the Dominical or Sunday Letter. This would be the case every seven years but for leap year, hence four times seven is the cycle, or twenty-eight years. It is the remainder found by adding nine to the year and dividing the sum by twenty-eight. The Roman Indiction is a cycle of fifteen years and is of no utility except to chronologers. It is the remainder found by adding three to the year and dividing by fifteen. The Julian Period is a cycle of 7,980 years and is the product of the three cycles, Golden Number (19), Solar Cycle (28) and Roman Indiction (15), and hence shows the time when these cycles will coincide, or begin at the same time. The first of this cycle will be completed in the year 2267; it is the year + 4713. The Dionysian Period is a cycle of 532 years and is called the great Paschal cycle, being the product of a completed solar and lunar cycle (28×19). It is the remainder found by adding 457 to the year and dividing by 532, and with the Julian Period is chiefly used by chronologers. The Jewish Lunar Cycle is always three less than the Golden Number and is used by the Jews in fixing the time of their festivals.

JEWISH OR HEBREW CALENDAR YEAR 5673-74 A. M.

The year 5673 is the 11th in the 290th cycle of 19 years.

Year.	Number.	MONTH Name.	Day.	Fast or festival.	Gregorian date.
5673.	5.	Sh'vat.	1.	Rosh-Chodesh.	Thursday, January 9, 1913
5673.	6.	Adar.	1.	Rosh-Chodesh.	Friday, January 11, 1913
5673.	6.	Adar.	13.	Fast of Esther.	Saturday, March 2, 1913
5673.	6.	Adar.	14 and 15.	Purim.	Sunday-Monday, March 23-24, 1913
5673.	7.	Nissan.	1.	Rosh-Chodesh.	Tuesday, April 8, 1913
5673.	7.	Nissan.	15.	First day of Passover.	Tuesday, April 22, 1913
5673.	8.	Iyar.	1.	Rosh-Chodesh.	Wednesday-Thursday, May 7-8, 1913
5673.	8.	Iyar.	18.	Lag B'Omer (33d day of Omer).	Sunday, May 25, 1913
5673.	9.	Sivan.	1.	Rosh-Chodesh.	Friday, June 6, 1913
5673.	9.	Sivan.	10.	First day of Pentecost.	Saturday, June 11, 1913
5673.	10.	Tammuz.	1.	Rosh-Chodesh.	Saturday-Sunday, July 5-6, 1913
5673.	10.	Tammuz.	17.	Fast of Tammuz.	Tuesday, July 22, 1913
5673.	11.	Av or Ab.	1.	Rosh-Chodesh.	Monday, August 4, 1913
5673.	11.	Av or Ab.	9.	Fast of Av.	Tuesday, August 12, 1913
5673.	12.	Elul.	1.	Rosh-Chodesh.	Tuesday-Wednesday, September 2-3, 1913
5674.	1.	Tishri.	1.	1st day of New Year.	Wednesday-Thursday, October 1-2, 1913
5674.	1.	Tishri.	10.	Fast of Gedaliah.	Saturday, October 4, 1913
5674.	1.	Tishri.	15.	Yom Kippor.	Saturday, October 11, 1913
5674.	1.	Tishri.	15.	First Day of Tabernacles.	Thursday, October 16, 1913
5674.	1.	Tishri.	21.	Hoshanna-Rabbah.	Wednesday, October 22, 1913
5674.	1.	Tishri.	22.	Sh'mini-Atseres.	Thursday, October 23, 1913
5674.	1.	Tishri.	23.	Simchas-Torah.	Friday, October 24, 1913
5674.	2.	Chesvan.	1.	Rosh-Chodesh.	Friday, October 31-Saturday, November 1, 1913
5674.	3.	Kislev.	1.	Rosh-Chodesh.	Sunday, November 30, 1913
5674.	3.	Kislev.	25.	Fast of Chanukah.	Wednesday, December 24, 1913
5674.	4.	Tebet.	1.	Rosh-Chodesh.	Monday-Tuesday, December 29-30, 1913
5674.	4.	Tebet.	10.	Fast of Tebet.	Thursday, January 8, 1914

*Observed previous Thursday. †Observed the following day.

GREEK CHURCH AND RUSSIAN CALENDAR—A. D. 1913. A. M. 8022.

New style.	Old style.*	HOLY DAYS.	New style.	Old style.	HOLY DAYS.
Jan. 19	Jan. 1	Circumcision.	July 12	June 29	Peter and Paul, Chief Apostles.
Jan. 19	Jan. 6	Theophany (Epiphany).	Aug. 14	Aug. 1	First Day of Theotokos.
Jan. 19	Jan. 6	Septuagesima Sunday.	Aug. 19	Aug. 6	Transfiguration.
Jan. 26	Jan. 13	Carnival Sunday.	Aug. 28	Aug. 15	Repose of Theotokos.
Feb. 15	Feb. 2	Hypopante (Purification).	Sept. 12	Aug. 30	St. Alexander Nevsky.†
Feb. 15	Feb. 3	Palm Sunday.	Sept. 21	Sept. 8	Nativity of Theotokos.
Feb. 21	Feb. 8	Great (Good) Friday.	Sept. 27	Sept. 14	Exaltation of Cross.
Feb. 25	Feb. 10	Holy Pasch (Easter).	Oct. 1	Oct. 1	Patronage of Theotokos.
May 1	Apr. 18	Ascension.	Nov. 28	Nov. 15	First Day of Nativity.
May 6	Apr. 23	St. George.	Dec. 4	Nov. 21	Entrance of Theotokos.
May 11	Apr. 28	Pentecost.	Dec. 21	Dec. 8	Conception of Theotokos.
May 22	May 9	St. Nicholas.	1914.		
May 27	May 14	Coronation of Emperor.†	Jan. 7	Dec. 25	Nativity (Christmas).

*The difference between old and new style will continue to be 13 days until Feb. 29, 2100, before which time it is to be hoped that Russia will get in step with the rest of the world. †Observed in Russia only.

CHINESE CALENDAR YEAR 4610.

The year 1913 corresponds nearly with the Chinese year 4610, or the 50th year of the 76th cycle of 60 years. Under the new republic the Chinese year corresponds with that used here and elsewhere.

MOHAMMEDAN CALENDAR YEAR 1331-1332.

Year. No.	MONTH Name.	Begins.	Year. No.	MONTH Name.	Begins.
1331.	2.	Saphar.	1331.	9.	Ramadan (Fasting).
1331.	3.	Rabia I.	1331.	10.	Schawall.
1331.	4.	Rabia II.	1331.	11.	Dulkaeda.
1331.	5.	Jomhadi I.	1331.	12.	Dulheggia.
1331.	6.	Jomhadi II.	1332.	1.	Muharram.
1331.	7.	Rajeb.	1332.	2.	Saphar.
1331.	8.	Sheban.	1332.	3.	Rabia I.

The year 1331 is the 11th and 1332 is the 12th year in the 45th cycle of 30 years.

EASTER SUNDAY DATES.

1907 March 31	1909 April 11	1911 April 16	1913 March 23	1915 April 4
1908 April 19	1910 March 27	1912 April 7	1914 April 12	1916 April 23

The time of the celebration of the principal church days which depend upon Easter is as follows:

Days.	Before Easter.	Days.	After Easter.
Septuagesima Sunday.....	9 weeks	Rogation Sunday.....	5 weeks
First Sunday in Lent.....	6 weeks	Ascension Day (Holy Thursday).....	40 days
Ash Wednesday (beginning of Lent).....	46 days	Pentecost (Whitsunday).....	7 weeks
Palm Sunday.....	8 days	Trinity Sunday.....	8 weeks

3 New Moon, 7th. 1st MONTH. **JANUARY, 1913.** 31 DAYS. ☾ Full Moon, 22d.
 3 First Quar., 15th. Last Quar., 15th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE.	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.
1	365	1	Wednesday	Con.D.	8	12 13 40	7 14	7 28	4 39	1 48	7 16	4 51	7 39	4 29	1 54
2	364	2	Thursday	21	12 13 48	8 2	7 28	4 40	3 5	7 16	4 52	2 57	7 39	4 30	1 13
3	363	3	Friday	22	12 14 4	8 52	7 28	4 42	4 11	7 16	4 53	3 59	7 38	4 31	4 22
4	362	4	Saturday	23	12 14 16	9 45	7 28	4 43	5 20	7 16	4 53	5 7	7 38	4 32	5 34
5	361	5	SUNDAY	24	12 15 31	10 39	7 28	4 45	6 25	7 16	4 54	6 10	7 38	4 33	6 40
6	360	6	Monday	25	12 16 57	11 33	7 28	4 45	7 20	7 16	4 55	7 6	7 38	4 34	7 36
7	359	7	Tuesday	26	12 18 24	ev. 26	7 27	4 46	sets	7 16	4 56	sets	7 38	4 35	sets
8	358	8	Wednesday	27	12 19 50	1 15	7 27	4 47	5 54	7 16	4 57	6 5	7 37	4 36	6 43
9	357	9	Thursday	28	12 21 17	2 2	7 27	4 48	7 0	7 16	4 58	7 9	7 37	4 37	6 52
10	356	10	Friday	29	12 22 40	3 25	7 27	4 49	8 3	7 16	4 59	8 9	7 37	4 38	7 57
11	355	11	Saturday	30	12 24 4	3 26	7 27	4 49	9 5	7 16	5 1	9 8	7 37	4 39	9 1
12	354	12	SUNDAY	31	12 26 27	4 5	7 26	4 50	10 6	7 15	5 2	10 7	7 36	4 40	10 4
13	353	13	Monday	1	12 28 50	4 44	7 26	4 51	11 7	7 15	5 3	11 5	7 36	4 41	11 8
14	352	14	Tuesday	2	12 31 13	5 24	7 26	4 52	morn	7 15	5 4	morn	7 36	4 42	morn
15	351	15	Wednesday	3	12 33 36	6 22	7 26	4 53	11 10	7 15	5 5	11 8	7 36	4 43	11 11
16	350	16	Thursday	4	12 36 59	7 15	7 26	4 55	11 15	7 14	5 6	1 9	7 35	4 46	1 21
17	349	17	Friday	5	12 40 12	8 3	7 25	4 56	2 22	7 14	5 7	2 13	7 34	4 47	2 31
18	348	18	Saturday	6	12 43 35	9 39	7 24	4 58	3 33	7 13	5 8	3 22	7 34	4 48	3 45
19	347	19	SUNDAY	7	12 46 58	9 41	7 23	4 59	4 46	7 13	5 9	4 32	7 33	4 49	5 0
20	346	20	Monday	8	12 50 11	10 46	7 22	5 0	5 56	7 12	5 10	5 41	7 32	4 50	6 11
21	345	21	Tuesday	9	12 53 34	11 51	7 22	5 1	6 57	7 12	5 12	6 43	7 31	4 52	7 12
22	344	22	Wednesday	10	12 56 57	morn	7 21	5 2	rises	7 11	5 13	rises	7 30	4 53	rises
23	343	23	Thursday	11	12 60 10	5 3	7 20	5 3	6 31	7 11	5 14	6 35	7 29	4 55	6 23
24	342	24	Friday	12	12 63 33	1 51	7 20	5 4	7 53	7 10	5 15	7 57	7 29	4 56	7 43
25	341	25	Saturday	13	12 66 56	2 45	7 19	5 5	9 10	7 10	5 16	9 11	7 28	4 57	9 8
26	340	26	SUNDAY	14	12 70 19	3 35	7 19	5 6	10 25	7 9	5 17	10 24	7 27	4 58	10 27
27	339	27	Monday	15	12 73 42	4 23	7 18	5 7	11 37	7 9	5 18	11 33	7 26	4 59	11 43
28	338	28	Tuesday	16	12 76 65	5 11	7 17	5 8	morn	7 8	5 18	morn	7 25	5 1	morn
29	337	29	Wednesday	17	12 79 88	5 59	7 16	5 9	50	7 8	5 19	43	7 24	5 3	58
30	336	30	Thursday	18	12 82 11	6 49	7 15	5 11	2 2	7 7	5 20	1 52	7 23	5 5	2 12
31	335	31	Friday	19	12 85 34	7 41	7 15	5 12	3 12	7 6	5 21	2 59	7 22	5 6	3 25

☾ New Moon, 6th. 2d MONTH. **FEBRUARY, 1913.** 28 DAYS. ☾ Full Moon, 21st.
 3 First Quar., 14th. Last Quar., 25th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE.	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.
32	334	1	Saturday	Con.D.	26	12 13 46	8 35	7 14	5 13	7 5	5 22	4 5	7 21	5 7	4 34
33	333	2	SUNDAY	27	12 13 53	9 29	7 12	5 14	5 17	7 4	5 23	5 2	7 20	5 8	5 32
34	332	3	Monday	28	12 14 0	10 21	7 11	5 15	6 7	7 3	5 25	5 52	7 19	5 10	6 22
35	331	4	Tuesday	29	12 14 6	11 12	7 10	5 17	6 46	7 2	5 26	6 33	7 17	5 11	6 59
36	330	5	Wednesday	30	12 14 12	11 59	7 9	5 19	7 17	7 1	5 27	7 6	7 16	5 12	7 28
37	329	6	Thursday	31	12 14 18	ev. 43	7 8	5 20	sets	7 0	5 28	sets	7 15	5 14	sets
38	328	7	Friday	1	12 14 20	1 25	7 6	5 21	6 57	6 59	5 29	7 2	7 13	5 15	6 52
39	327	8	Saturday	2	12 14 23	2 4	7 5	5 22	7 55	6 58	5 30	7 5	7 12	5 16	7 55
40	326	9	SUNDAY	3	12 14 26	3 43	7 4	5 23	8 59	6 57	5 32	8 59	7 10	5 18	8 59
41	325	10	Monday	4	12 14 26	3 23	7 3	5 25	10 1	6 56	5 33	9 58	7 9	5 20	10 4
42	324	11	Tuesday	5	12 14 26	4 3	7 2	5 26	11 2	6 55	5 34	10 57	7 7	5 22	11 7
43	323	12	Wednesday	6	12 14 26	4 46	7 1	5 27	morn	6 54	5 35	morn	7 5	5 23	morn
44	322	13	Thursday	7	12 14 25	5 34	7 0	5 28	9	6 53	5 36	1	7 4	5 24	18
45	321	14	Friday	8	12 14 23	6 26	6 59	5 30	1 17	6 51	5 38	1 7	7 3	5 26	1 28
46	320	15	Saturday	9	12 14 20	7 23	6 58	5 32	2 27	6 50	5 39	2 14	7 2	5 27	2 41
47	319	16	SUNDAY	10	12 14 17	8 24	6 56	5 33	3 36	6 49	5 40	3 22	7 1	5 29	3 52
48	318	17	Monday	11	12 14 17	8 54	6 54	5 34	4 39	6 48	5 41	4 24	6 59	5 31	4 54
49	317	18	Tuesday	12	12 14 8	10 31	6 52	5 36	5 33	6 46	5 42	5 20	6 57	5 32	5 47
50	316	19	Wednesday	13	12 14 3	11 31	6 50	5 38	6 18	6 45	5 44	6 7	6 55	5 34	6 29
51	315	20	Thursday	14	12 13 55	morn	6 49	5 39	rises	6 44	5 45	rises	6 54	5 35	rises
52	314	21	Friday	15	12 13 49	28	6 47	5 40	6 40	6 43	5 46	6 43	6 52	5 36	6 38
53	313	22	Saturday	16	12 13 42	1 20	6 46	5 41	8 0	6 41	5 47	8 0	6 50	5 38	8 0
54	312	23	SUNDAY	17	12 13 34	2 11	6 45	5 43	9 18	6 40	5 48	9 14	6 48	5 39	9 21
55	311	24	Monday	18	12 13 25	3 1	6 44	5 44	10 31	6 39	5 49	10 35	6 46	5 40	10 37
56	310	25	Tuesday	19	12 13 16	4 21	6 43	5 45	11 48	6 38	5 50	11 39	6 45	5 42	11 48
57	309	26	Wednesday	20	12 13 6	5 35	6 41	5 46	morn	6 38	5 51	morn	6 44	5 43	morn
58	308	27	Thursday	21	12 12 55	5 35	6 39	5 47	1 2	6 35	5 51	50	6 43	5 45	1 14
59	307	28	Friday	22	12 12 45	6 30	6 38	5 48	2 11	6 34	5 52	1 58	6 41	5 46	2 26

For far western points within any of the above zones of latitude add 2 min. for each hour of longitude to the moon's rising, setting and southing.

For far eastern points subtract 2 min. for each hour of longitude from moon's rising, setting and southing.

☾ New Moon, 8th.
☾ First Quar., 16th.

3d MONTH.

MARCH, 1913.

31 DAYS.

☾ Full Moon, 22d.
☾ Last Quar., 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE.	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.	St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.	St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.
							Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.
60	306	1	Saturday...	Con.D. 5	H. M. S. 12 12 33	H. M. S. 7 24	H. M. S. 6 36 5 50 3 12	H. M. S. 6 32 5 54 2 57	H. M. S. 6 39 5 48 3 28
61	305	2	SUNDAY...	17	12 12 21	8 17	6 35 5 51 4 4	6 31 5 55 3 50	6 38 5 49 4 19
62	304	3	Monday...	29	12 12 9	9 8	6 34 5 53 4 47	6 30 5 56 4 33	6 36 5 50 5 1
63	303	4	Tuesday...	11	12 11 56	9 56	6 32 5 54 5 20	6 28 5 57 5 8	6 34 5 52 5 32
64	302	5	Wednesday...	23	12 11 43	10 41	6 30 5 56 5 46	6 26 5 58 5 37	6 32 5 53 5 55
65	301	6	Thursday...	5	12 11 28	11 24	6 28 5 57 6 9	6 24 5 59 6 2	6 30 5 55 6 16
66	300	7	Friday...	17	12 11 14	ev. 4	6 26 5 58 sets 6 59	6 23 6 0 sets 6 59	6 28 5 56 sets 6 59
67	299	8	Saturday...	29	12 11 0	4 43	6 24 5 59 7 52	6 21 6 1 6 59	6 26 5 57 7 54
68	298	9	SUNDAY...	10	12 10 45	1 22	6 22 6 0 7 52	6 19 6 2 7 50	6 25 5 58 7 54
69	297	10	Monday...	23	12 10 29	2 3	6 20 6 1 8 53	6 18 6 3 8 48	6 23 6 0 8 58
70	296	11	Tuesday...	5	12 10 14	2 45	6 18 6 3 10 0	6 17 6 4 9 53	6 21 6 2 10 8
71	295	12	Wednesday...	17	12 9 58	3 30	6 17 6 4 11 7	6 16 6 5 10 57	6 19 6 3 11 17
72	294	13	Thursday...	30	12 9 42	4 20	6 15 6 6 morn	6 14 6 6 morn	6 17 6 6 morn
73	293	14	Friday...	13	12 9 25	5 12	6 13 6 7 1 25	6 13 6 7 3	6 15 6 5 2 27
74	292	15	Saturday...	26	12 9 8	6 12	6 11 6 8 2 28	6 12 6 8 3	6 13 6 6 3 42
75	291	16	SUNDAY...	10	12 8 51	7 13	6 10 6 8 3 26	6 10 6 8 3 11	6 11 6 6 3 40
76	290	17	Monday...	24	12 8 33	8 14	6 9 6 9 4 10	6 8 6 9 4 6	6 9 6 6 4 23
77	289	18	Tuesday...	9	12 8 16	9 14	6 7 6 10 4 49	6 6 6 10 4 39	6 7 6 6 4 59
78	288	19	Wednesday...	24	12 7 58	10 10	6 5 6 11 5 17	6 4 6 11 5 11	6 5 6 6 5 23
79	287	20	Thursday...	9	12 7 40	11 4	6 4 6 12 5 45	6 3 6 12 5 42	6 3 6 6 5 48
80	286	21	Friday...	24	12 7 22	11 55	6 2 6 13 rises 6 0	6 2 6 13 rises 6 0	6 1 6 6 rises 6 0
81	285	22	Saturday...	8	12 7 4	12 30	6 0 6 14 8 6	6 0 6 14 8 6	6 0 6 6 rises 8 11
82	284	23	SUNDAY...	24	12 6 45	1 46	5 58 6 15 9 24	5 59 6 15 9 16	5 58 6 16 9 32
83	283	24	Monday...	8	12 6 27	1 37	5 56 6 16 10 41	5 57 6 17 10 30	5 56 6 17 10 52
84	282	25	Tuesday...	22	12 6 9	2 29	5 54 6 17 11 55	5 57 6 18 11 42	5 56 6 19 morn
85	281	26	Wednesday...	6	12 5 50	3 23	5 53 6 19 morn	5 55 6 19 morn	5 52 6 20 1 8
86	280	27	Thursday...	19	12 5 32	4 19	5 52 6 20 1 2	5 52 6 20 1 44	5 50 6 21 2 15
87	279	28	Friday...	1	12 5 13	5 15	5 51 6 21 1 59	5 50 6 21 2 32	5 48 6 22 3 0
88	278	29	Saturday...	14	12 4 55	6 10	5 50 6 22 2 46	5 49 6 22 3 11	5 46 6 23 3 36
89	277	30	SUNDAY...	26	12 4 37	7 3	5 48 6 24 3 20	5 48 6 23 3 11	5 44 6 24 3 36
90	276	31	Monday...	9	12 4 18	7 53	5 46 6 25 3 20	5 46 6 23 3 11	5 43 6 27 3 36

☾ New Moon, 6th.
☾ First Quar., 14th.

4th MONTH.

APRIL, 1913.

30 DAYS.

☾ Full Moon, 21st.
☾ Last Quar., 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE.	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.	St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.	St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.
							Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.
91	275	1	Tuesday...	Con.D. 20	H. M. S. 12 4 8	H. M. S. 8 39	H. M. S. 5 44 6 26 3 51	H. M. S. 5 45 6 24 3 41	H. M. S. 5 42 6 28 4 2
92	274	2	Wednesday...	2	12 3 44	9 22	5 43 6 27 4 14	5 43 6 25 4 6	5 40 6 29 4 21
93	273	3	Thursday...	13	12 3 24	10 3	5 41 6 28 4 34	5 42 6 26 4 29	5 38 6 30 4 39
94	272	4	Friday...	25	12 3 7	10 42	5 39 6 29 4 51	5 40 6 26 4 49	5 36 6 31 4 54
95	271	5	Saturday...	7	12 2 45	11 22	5 37 6 30 5 9	5 39 6 27 5 9	5 34 6 32 5 9
96	270	6	SUNDAY...	19	12 2 25	ev. 3	5 35 6 31 5 27	5 37 6 28 5 29	5 32 6 34 5 24
97	269	7	Monday...	12	12 2 15	4 43	5 33 6 32 sets 5 34	5 36 6 29 sets 5 30	5 30 6 35 sets 5 34
98	268	8	Tuesday...	14	12 1 58	1 28	5 31 6 33 8 57	5 34 6 30 8 49	5 28 6 36 9 7
99	267	9	Wednesday...	27	12 1 41	2 17	5 29 6 34 10 7	5 33 6 31 9 56	5 26 6 37 10 19
100	266	10	Thursday...	10	12 1 25	3 10	5 27 6 35 11 17	5 31 6 32 11 3	5 24 6 39 11 31
101	265	11	Friday...	23	12 1 8	4 6	5 26 6 36 morn	5 29 6 33 morn	5 23 6 40 morn
102	264	12	Saturday...	7	12 0 52	5 6	5 24 6 37 21	5 28 6 34 1 5	5 21 6 41 1 36
103	263	13	SUNDAY...	20	12 0 37	6 5	5 23 6 38 2 19	5 26 6 35 1 5	5 19 6 42 1 35
104	262	14	Monday...	4	12 0 21	7 5	5 21 6 39 2 8	5 24 6 36 1 55	5 18 6 43 2 22
105	261	15	Tuesday...	19	12 0 8	7 59	5 20 6 40 2 49	5 23 6 36 2 38	5 17 6 45 3 0
106	260	16	Wednesday...	3	11 59 52	7 52	5 19 6 42 3 19	5 22 6 37 3 12	5 15 6 46 3 27
107	259	17	Thursday...	18	11 59 37	9 43	5 17 6 43 3 46	5 21 6 38 3 41	5 13 6 47 3 51
108	258	18	Friday...	2	11 59 23	10 32	5 16 6 44 4 9	5 19 6 39 4 7	5 11 6 48 4 10
109	257	19	Saturday...	17	11 59 10	11 22	5 14 6 45 4 31	5 18 6 40 4 33	5 9 6 49 4 29
110	256	20	SUNDAY...	16	11 58 56	morn	5 12 6 46 rises 6 14	5 17 6 41 rises 6 14	5 7 6 51 rises 6 14
111	255	21	Monday...	1	11 58 44	1 14	5 11 6 47 6 14	5 16 6 42 6 15	5 6 6 53 6 14
112	254	22	Tuesday...	13	11 58 31	2 4	5 10 6 48 6 27	5 15 6 43 6 28	5 5 6 54 6 24
113	253	23	Wednesday...	14	11 58 19	2 4	5 7 6 49 10 44	5 14 6 43 10 30	5 0 6 56 10 58
114	252	24	Thursday...	27	11 58 8	3 1	5 5 6 50 11 47	5 13 6 44 11 32	4 59 6 57 morn
115	251	25	Friday...	10	11 57 58	3 59	5 4 6 52 morn	5 11 6 45 morn	4 58 6 58 morn
116	250	26	Saturday...	22	11 57 47	4 54	5 3 6 53 40	5 9 6 46 25	4 57 6 59 25
117	249	27	SUNDAY...	4	11 57 37	5 46	5 2 6 54 1 21	5 7 6 47 1 8	4 56 7 0 1 35
118	248	28	Monday...	16	11 57 27	6 34	5 0 6 55 1 53	5 5 6 48 1 42	4 54 7 1 2 4
119	247	29	Tuesday...	28	11 57 18	7 18	4 59 6 56 2 16	5 4 6 49 2 8	4 52 7 2 2 25
120	246	30	Wednesday...	10	11 57 10	8 0	4 57 6 57 2 39	5 3 6 50 2 33	4 50 7 3 2 45

☾ New Moon, 6th.
☾ First Quar., 13th.

5th MONTH.

MAY, 1913.

31 DAYS.

☾ Full Moon, 20th.
☾ Last Quar., 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.	St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.	St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.
							Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.
121	245	1	Thursday...	Con. D.	H. M. S.	H. M.	H. M. H. M. H. M.	H. M. H. M. H. M.	H. M. H. M. H. M.
122	244	2	Friday.....	22	11 57 82	8 40	4 56 6 58 2 57	5 2 6 51 2 54	4 49 7 6 3 0
123	243	3	Saturday....	4	11 56 55	9 19	4 55 6 59 3 14	5 0 6 52 3 13	4 48 7 6 3 15
124	242	4	Sunday.....	16	11 56 43	9 59	4 54 7 0 3 32	5 0 6 53 3 34	4 46 7 7 3 30
125	241	5	Monday.....	28	11 56 42	10 40	4 53 7 2 3 51	5 0 6 54 3 55	4 44 7 8 3 47
126	240	6	Tuesday....	11	11 56 37	11 24	4 52 7 3 4 12	4 58 6 55 4 18	4 43 7 10 4 5
127	239	7	Wednesday...	24	11 56 32	ev. 12	4 50 7 4 sets	4 57 6 56 sets	4 42 7 11 sets
128	238	8	Thursday....	7	11 56 27	1 4	4 49 7 5 9 5	4 56 6 57 8 52	4 40 7 12 9 19
129	237	9	Friday.....	20	11 56 23	2 1	4 48 7 6 10 14	4 55 6 58 9 59	4 39 7 13 10 29
130	236	10	Saturday....	4	11 56 20	3 0	4 46 7 7 11 15	4 54 6 59 11 0	4 38 7 14 11 30
131	235	11	Sunday.....	17	11 56 17	4 0	4 45 7 8 morn	4 53 7 0 11 53	4 37 7 16 morn
132	234	12	Monday....	1	11 56 15	4 59	4 44 7 9 7	4 52 7 0 morn	4 36 7 17 21
133	233	13	Tuesday....	13	11 56 13	5 55	4 42 7 10 49	4 51 7 1 38	4 35 7 18 1
134	232	14	Wednesday...	25	11 56 12	6 47	4 41 7 11 1 24	4 50 7 2 1 15	4 34 7 19 1 32
135	231	15	Thursday....	14	11 56 12	7 37	4 40 7 12 1 50	4 49 7 3 1 44	4 32 7 20 1 58
136	230	16	Friday.....	28	11 56 12	8 25	4 39 7 13 2 12	4 48 7 3 2 10	4 31 7 21 2 15
137	229	17	Saturday....	12	11 56 12	9 13	4 38 7 14 2 35	4 47 7 4 2 35	4 30 7 22 2 35
138	228	18	Sunday.....	26	11 56 13	10 3	4 37 7 15 2 56	4 47 7 5 2 59	4 29 7 24 2 53
139	227	19	Monday....	10	11 56 14	10 54	4 36 7 16 3 21	4 46 7 6 3 27	4 28 7 25 3 14
140	226	20	Tuesday....	24	11 56 17	11 49	4 35 7 17 3 45	4 45 7 7 3 57	4 27 7 26 3 38
141	225	21	Wednesday...	22	11 56 20	morn	4 34 7 18 rises	4 44 7 8 rises	4 26 7 27 rises
142	224	22	Thursday....	5	11 56 23	4 6	4 33 7 19 9 31	4 44 7 9 9 17	4 25 7 28 9 47
143	223	23	Friday.....	18	11 56 32	2 41	4 32 7 21 11 14	4 43 7 11 11 0	4 24 7 29 10 43
144	222	24	Saturday....	30	11 56 37	3 35	4 31 7 22 11 51	4 42 7 12 11 40	4 23 7 30 morn
145	221	25	Sunday.....	12	11 56 42	4 26	4 30 7 23 morn	4 42 7 13 morn	4 21 7 31 3
146	220	26	Monday....	24	11 56 48	5 12	4 29 7 24 18	4 41 7 13 9	4 20 7 34 27
147	219	27	Tuesday....	6	11 56 54	5 55	4 28 7 25 41	4 41 7 14 34	4 19 7 35 48
148	218	28	Wednesday...	18	11 57 1	6 36	4 27 7 26 1 18	4 40 7 15 1 56	4 18 7 37 1 15
149	217	29	Thursday....	30	11 57 9	7 15	4 26 7 27 1 35	4 39 7 16 2 33	4 17 7 38 2 19
150	216	30	Friday.....	12	11 57 17	7 54	4 26 7 28 1 35	4 39 7 17 1 36	4 16 7 39 1 34
151	215	31	Saturday....	24	11 57 25	8 35	4 26 7 29 1 55	4 38 7 17 1 58	4 16 7 39 1 52

☾ New Moon, 4th.
☾ First Quar., 11th.

6th MONTH.

JUNE, 1913.

30 DAYS.

☾ Full Moon, 18th.
☾ Last Quar., 26th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.	St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.	St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.
							Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.	Sun rises. Sun sets. Moon rises and sets.
152	214	1	SUNDAY...	Con D.	H. M. S.	H. M.	H. M. H. M. H. M.	H. M. H. M. H. M.	H. M. H. M. H. M.
153	213	2	Monday.....	19	11 57 34	9 17	4 25 7 29 2 14	4 38 7 18 2 20	4 15 7 40 2 8
154	212	3	Tuesday....	6	11 57 43	10 4	4 25 7 30 2 39	4 38 7 19 2 47	4 15 7 41 2 30
155	211	4	Wednesday...	2	11 57 53	10 55	4 25 7 30 3 9	4 38 7 19 3 20	4 14 7 41 2 53
156	210	5	Thursday....	16	11 58 13	11 30	4 25 7 31 3 47	4 37 7 20 3 59	4 14 7 42 3 33
157	209	6	Friday.....	28	11 58 24	ev. 50	4 24 7 32 4 1	4 37 7 21 4 28	4 14 7 43 sets
158	208	7	Saturday....	14	11 58 35	1 52	4 24 7 33 10 2	4 37 7 21 9 43	4 13 7 43 10 16
159	207	8	SUNDAY...	28	11 58 46	2 52	4 24 7 33 10 47	4 37 7 21 10 35	4 13 7 43 10 59
160	206	9	Monday.....	12	11 58 57	3 50	4 24 7 33 11 24	4 36 7 22 11 14	4 13 7 44 11 33
161	205	10	Tuesday....	20	11 59 9	4 44	4 23 7 34 11 53	4 36 7 22 11 47	4 13 7 44 12 0
162	204	11	Wednesday...	10	11 59 19	5 34	4 23 7 34 morn	4 36 7 23 morn	4 12 7 45 morn
163	203	12	Thursday....	24	11 59 21	6 23	4 23 7 35 18	4 36 7 24 15	4 12 7 46 21
164	202	13	Friday.....	8	11 59 33	7 10	4 23 7 36 39	4 36 7 24 39	4 12 7 47 40
165	201	14	Saturday....	22	11 59 43	7 57	4 24 7 37 1 1	4 36 7 25 1 4	4 12 7 48 59
166	200	15	SUNDAY...	6	11 59 58	8 47	4 23 7 37 1 23	4 36 7 25 1 28	4 12 7 48 1 18
167	199	16	Monday.....	20	12 0 11	9 39	4 23 7 38 1 49	4 36 7 25 1 56	4 12 7 49 1 40
168	198	17	Tuesday....	12	12 0 23	10 34	4 23 7 38 2 18	4 36 7 26 2 29	4 12 7 50 2 7
169	197	18	Wednesday...	17	12 0 36	11 32	4 23 7 39 2 58	4 36 7 26 3 11	4 12 7 50 2 44
170	196	19	Thursday....	30	12 0 49	morn	4 23 7 39 rises	4 36 7 26 rises	4 12 7 51 rises
171	195	20	Friday.....	13	12 1 2	1 29	4 23 7 39 9 8	4 36 7 26 8 54	4 12 7 51 9 22
172	194	21	Saturday....	26	12 1 15	2 25	4 23 7 39 9 48	4 36 7 26 9 35	4 12 7 51 10 1
173	193	22	SUNDAY...	8	12 1 28	3 17	4 24 7 40 10 19	4 37 7 27 10 4	4 12 7 51 10 59
174	192	23	Monday.....	20	12 1 47	4 5	4 24 7 40 10 45	4 37 7 27 10 37	4 13 7 51 10 53
175	191	24	Tuesday....	2	12 1 54	3 50	4 24 7 40 11 4	4 37 7 27 10 58	4 13 7 51 11 9
176	190	25	Wednesday...	14	12 2 3	4 31	4 24 7 40 11 23	4 37 7 27 11 20	4 13 7 51 11 25
177	189	26	Thursday....	26	12 2 19	5 11	4 24 7 40 11 40	4 37 7 27 11 40	4 13 7 51 11 41
178	188	27	Friday.....	8	12 2 32	5 50	4 25 7 40 11 57	4 38 7 27 11 59	4 13 7 51 11 55
179	187	28	Saturday....	20	12 2 44	6 29	4 25 7 40 morn	4 38 7 27 morn	4 14 7 51 morn
180	186	29	SUNDAY...	4	12 2 57	7 10	4 25 7 40 1 38	4 38 7 27 20	4 14 7 51 10
181	185	30	Monday.....	14	12 3 9	7 55	4 25 7 40 1 38	4 39 7 27 20	4 14 7 51 21
182	184	31	Tuesday....	27	12 3 21	8 43	4 26 7 40 1 6	4 40 7 27 1 16	4 15 7 51 26

☾ New Moon, 4th.
☽ First Quar., 11th.

7th MONTH.

JULY, 1913.

31 DAYS.

☾ Full Moon, 18th.
☽ Last Quar., 26th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE.	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.
188	184	1	Tuesday....	Con.D. 11	12 3 33	9 36	4 27	7 40	1 40	4 40	7 27	1 52	4 16	7 51	1 27
188	183	2	Wednesday...	24 11	12 3 35	10 35	4 28	7 40	2 26	4 40	7 27	2 40	4 17	7 51	2 12
184	182	3	Thursday....	29 9	12 3 56	11 37	4 29	7 40	3 22	4 41	7 27	3 37	4 18	7 51	3 7
185	181	4	Friday.....	23 7	12 4 18	ev. 40	4 29	7 40	sets	4 41	7 27	sets	4 18	7 51	sets
185	180	5	Saturday....	22 7	12 4 28	2 37	4 31	7 39	9 22	4 42	7 27	9 11	4 19	7 51	9 32
186	179	6	Sunday.....	22 7	12 4 28	2 37	4 31	7 39	9 22	4 42	7 27	9 11	4 19	7 51	9 32
189	177	8	Tuesday....	25 5	12 4 48	4 20	4 32	7 39	10 22	4 43	7 26	10 13	4 21	7 50	10 26
190	176	9	Wednesday...	21 5	12 4 57	5 8	4 33	7 39	11 6	4 44	7 26	11 7	4 22	7 49	11 4
191	175	10	Thursday....	19 3	12 5 6	5 55	4 33	7 38	11 29	4 45	7 25	11 33	4 22	7 49	11 24
192	174	11	Friday.....	13 3	12 5 14	6 44	4 34	7 37	11 52	4 45	7 24	12 0	4 23	7 48	11 45
193	173	12	Saturday....	30 37	12 5 22	7 35	4 35	7 37	morn	4 46	7 24	morn	4 24	7 47	morn
194	172	13	SUNDAY....	30 37	12 5 30	8 28	4 35	7 36	9 21	4 47	7 23	1 7	4 24	7 46	10 41
195	171	14	Monday.....	26 3	12 5 37	9 24	4 36	7 36	10 24	4 47	7 23	1 7	4 24	7 46	10 41
196	170	15	Tuesday....	26 3	12 5 43	10 20	4 36	7 35	1 40	4 48	7 23	1 54	4 26	7 45	1 25
197	169	16	Wednesday...	22 2	12 5 49	11 17	4 37	7 34	2 32	4 49	7 22	2 47	4 27	7 44	2 17
198	168	17	Thursday....	22 2	12 5 55	morn	4 38	7 34	rises	4 50	7 21	rises	4 28	7 43	rises
199	167	18	Friday.....	14 2	12 5 59	10	4 39	7 33	8 20	4 51	7 21	8 9	4 29	7 42	8 31
200	166	19	Saturday....	16 1	12 6 4	59	4 39	7 33	8 46	4 51	7 20	8 38	4 30	7 42	8 55
201	165	20	SUNDAY....	28 28	12 6 8	1 45	4 40	7 32	9 8	4 52	7 20	9 2	4 31	7 41	9 15
202	164	21	Monday.....	22 22	12 6 11	2 28	4 41	7 31	9 27	4 53	7 19	9 23	4 32	7 40	9 30
203	163	22	Tuesday....	22 2	12 6 14	3 24	4 42	7 30	9 44	4 54	7 18	9 28	4 33	7 39	9 45
204	162	23	Wednesday...	13 3	12 6 16	3 47	4 43	7 29	10 4	4 54	7 18	10 3	4 34	7 38	10 1
205	161	24	Thursday....	24 24	12 6 17	4 26	4 44	7 28	10 19	4 55	7 17	10 23	4 35	7 37	10 15
206	160	25	Friday.....	15 25	12 6 18	5 5	4 45	7 27	10 38	4 56	7 16	10 45	4 36	7 36	10 32
207	159	26	Saturday....	20 20	12 6 19	5 48	4 46	7 26	11 3	4 57	7 15	11 12	4 37	7 35	10 54
208	158	27	SUNDAY....	13 13	12 6 19	6 33	4 47	7 25	11 33	4 58	7 14	11 44	4 38	7 34	11 22
209	157	28	Monday.....	19 19	12 6 18	7 23	4 48	7 24	morn	4 59	7 13	morn	4 39	7 33	12 0
210	156	29	Tuesday....	6 6	12 6 17	8 19	4 49	7 23	1 13	4 59	7 12	27	4 40	7 32	morn
211	155	30	Wednesday...	3 3	12 6 17	9 18	4 50	7 22	2 0	5 0	7 12	1 18	4 41	7 31	48
212	154	31	Thursday....	17 17	12 6 13	10 21	4 51	7 21	2 8	5 1	7 11	2 22	4 42	7 30	1 52

☾ New Moon, 2d & 31st.
☽ First Quar., 9th.

8th MONTH.

AUGUST, 1913.

31 DAYS.

☾ Full Moon, 17th.
☽ Last Quar., 25th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE.	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.	Sun rises.	Sun sets.	Moon rises and sets.
213	153	1	Friday.....	2 2	12 6 10	11 23	4 52	7 19	3 23	5 2	7 10	3 36	4 43	7 29	3 10
214	152	2	Saturday....	16 16	12 6 6	ev. 23	4 53	7 18	sets	5 2	7 9	sets	4 44	7 27	sets
215	151	3	SUNDAY....	1 1	12 6 2	1 19	4 54	7 17	8 22	5 3	7 8	8 17	4 45	7 25	8 27
216	150	4	Monday.....	16 16	12 5 57	2 11	4 54	7 16	8 46	5 3	7 7	8 43	4 46	7 24	8 48
217	149	5	Tuesday....	11 11	12 5 51	3 2	4 55	7 15	9 10	5 5	7 6	9 11	4 47	7 22	9 9
218	148	6	Wednesday...	16 16	12 5 45	3 51	4 56	7 14	9 32	5 6	7 6	9 36	4 49	7 20	9 29
219	147	7	Thursday....	30 30	12 5 39	4 40	4 57	7 13	9 55	5 7	7 4	10 2	4 50	7 18	9 48
220	146	8	Friday.....	14 14	12 5 31	5 31	4 59	7 12	10 23	5 7	7 3	10 34	4 53	7 16	10 13
221	145	9	Saturday....	27 27	12 5 23	6 24	5 0	7 10	10 55	5 8	7 2	11 7	4 54	7 15	10 43
222	144	10	SUNDAY....	10 10	12 5 15	7 20	5 1	7 9	11 37	5 9	7 1	11 51	4 54	7 15	11 23
223	143	11	Monday.....	23 23	12 5 6	8 16	5 2	7 7	morn	5 10	7 0	morn	4 55	7 14	morn
224	142	12	Tuesday....	6 6	12 4 56	9 11	5 3	7 6	28	5 11	6 59	43	4 56	7 13	13
225	141	13	Wednesday...	19 19	12 4 48	10 5	5 4	7 5	1 25	5 12	6 57	1 40	4 58	7 12	1 10
226	140	14	Thursday....	1 1	12 4 35	10 52	5 5	7 3	2 30	5 13	6 55	2 43	4 59	7 10	2 16
227	139	15	Friday.....	13 13	12 4 24	11 42	5 6	7 3	3 37	5 14	6 55	3 48	5 0	7 9	3 26
228	138	16	Saturday....	25 25	12 4 12	12 25	5 7	7 2	rises	5 15	6 53	rises	5 0	7 8	rises
229	137	17	SUNDAY....	7 7	12 3 59	12 5	5 8	7 1	7 32	5 16	6 51	7 28	5 3	7 6	7 37
230	136	18	Monday.....	19 19	12 3 47	1 6	5 9	6 59	7 51	5 16	6 50	7 48	5 4	7 4	7 52
231	135	19	Tuesday....	11 11	12 3 33	1 46	5 10	6 57	8 8	5 17	6 49	8 8	5 5	7 2	8 7
232	134	20	Wednesday...	12 12	12 3 19	2 24	5 11	6 55	8 25	5 18	6 48	8 28	5 6	7 1	8 22
233	133	21	Thursday....	14 14	12 3 5	3 3	5 12	6 53	8 43	5 19	6 46	8 48	5 7	7 0	8 37
234	132	22	Friday.....	6 6	12 2 50	3 44	5 13	6 51	9 5	5 20	6 44	9 13	5 8	6 58	8 57
235	131	23	Saturday....	19 19	12 2 34	4 17	5 14	6 49	10 14	5 21	6 43	9 32	5 9	6 56	9 16
236	130	24	SUNDAY....	13 13	12 2 19	5 15	5 15	6 49	10 6	5 22	6 42	10 19	5 10	6 54	9 53
237	129	25	Monday.....	14 14	12 2 3	6 6	5 16	6 47	10 49	5 23	6 40	11 4	5 11	6 52	10 34
238	128	26	Tuesday....	27 27	12 1 46	7 3	5 17	6 45	11 47	5 24	6 39	morn	5 12	6 50	11 31
239	127	27	Wednesday...	11 11	12 1 30	8 3	5 18	6 44	morn	5 25	6 37	2	5 14	6 48	morn
240	126	28	Thursday....	25 25	12 1 12	9 4	5 20	6 43	57	5 26	6 36	1 11	5 16	6 46	4 2
241	125	29	Friday.....	10 10	12 0 55	10 4	5 21	6 41	2 12	5 27	6 35	2 24	5 17	6 45	2 0
242	124	30	Saturday....	25 25	12 0 37	11 2	5 22	6 39	3 33	5 28	6 34	3 42	5 18	6 43	3 24
243	123	31	SUNDAY....	10 10	12 0 19	11 57	5 23	6 38	4 34	5 28	6 33	4 5	5 19	6 41	4 49

☾ First Quar., 7th. 9th MONTH. **SEPTEMBER, 1913.** 30 DAYS ☽ Last Quar., 23d.
 ☾ Full Moon, 15th. ☽ New Moon, 30th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.			
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	
244	122	1	Monday....	Con.D.	25	12 0 0	ev.50	5:24	6:36	7 9	5:29	6:32	7 9	5:20	6:39	7 10
245	123	2	Tuesday....	1	10	11 59 41	1:40	5:25	6:34	7:32	5:29	6:30	7:35	5:21	6:38	7:30
246	124	3	Wednesday...	2	25	11 59 22	2:31	5:26	6:32	7:57	5:30	6:29	8 2	5:23	6:36	7:51
247	125	4	Thursday....	3	9	11 59 3	3:23	5:27	6:30	8:22	5:31	6:27	8:30	5:24	6:34	8:13
248	126	5	Friday.....	4	23	11 58 43	4:17	5:28	6:29	8:54	5:32	6:26	9 5	5:25	6:32	8:42
249	127	6	Saturday.....	5	7	11 58 23	5:13	5:29	6:27	9:34	5:33	6:23	9:47	5:26	6:30	9:20
250	128	7	SUNDAY....	6	20	11 58 3	6:10	5:30	6:25	10:22	5:34	6:22	10:37	5:28	6:28	10 7
251	129	8	Monday.....	7	3	11 57 43	7 7	5:31	6:24	11:19	5:35	6:21	11:34	5:29	6:27	11 3
252	130	9	Tuesday....	8	16	11 57 22	8 7	5:32	6:22	morn	5:36	6:19	morn	5:30	6:24	morn
253	131	10	Wednesday...	9	28	11 57 1	8:53	5:33	6:20	22	5:37	6:17	35	5:31	6:22	8
254	132	11	Thursday....	10	10	11 56 40	9:40	5:34	6:18	1:29	5:37	6:15	1:40	5:32	6:20	1:17
255	133	12	Friday.....	11	22	11 56 19	10:24	5:35	6:16	2:35	5:38	6:14	2:44	5:33	6:18	2:26
256	134	13	Saturday.....	12	4	11 55 58	11 6	5:36	6:15	3:40	5:39	6:13	3:47	5:34	6:17	3:34
257	135	14	SUNDAY....	1	16	11 55 37	11:45	5:37	6:13	4:43	5:40	6:12	4:47	5:35	6:15	4:39
258	136	15	Monday.....	2	28	11 55 16	morn	5:38	6:11	rises	5:41	6:10	rises	5:36	6:13	rises
259	137	16	Tuesday....	3	9	11 54 55	1 24	5:39	6 9	6:31	5:42	6 8	6:33	5:37	6:11	6:29
260	138	17	Wednesday...	4	21	11 54 33	1 3	5:41	6 7	6:51	5:43	6 6	6:55	5:39	6 9	6:46
261	139	18	Thursday....	5	3	11 54 12	1:43	5:42	6 6	7 9	5:44	6 4	7:17	5:41	6 7	7 2
262	140	19	Friday.....	6	15	11 53 51	2:25	5:43	6 4	7:35	5:45	6 3	7:44	5:42	6 5	7:25
263	141	20	Saturday.....	7	23	11 53 29	3:11	5:44	6 2	8 5	5:46	6 1	8:17	5:43	6 3	7:53
264	142	21	SUNDAY....	8	10	11 53 8	4 0	5:45	6 0	8:47	5:47	6 0	9 1	5:44	6 1	8:32
265	143	22	Monday.....	9	23	11 52 47	4:54	5:46	5:59	9:35	5:47	5:59	9:50	5:46	6 0	9:19
266	144	23	Tuesday....	10	6	11 52 23	5:51	5:47	5:58	10:37	5:48	5:57	10:51	5:47	5:58	10:21
267	145	24	Wednesday...	11	20	11 52 5	6:50	5:48	5:56	11:48	5:49	5:55	morn	5:48	5:56	11:34
268	146	25	Thursday....	12	4	11 51 45	7:49	5:49	5:54	morn	5:50	5:53	1	5:49	5:54	morn
269	147	26	Friday.....	1	13	11 51 24	8:46	5:50	5:52	1 5	5:51	5:51	1:15	5:50	5:52	2
270	148	27	Saturday.....	2	3	11 51 4	9:41	5:51	5:50	1:24	5:52	5:50	2:31	5:52	5:50	2:17
271	149	28	SUNDAY....	3	13	11 50 44	10:33	5:52	5:49	3:44	5:53	5:49	3:48	5:53	5:48	3:40
272	150	29	Monday.....	4	3	11 50 24	11:25	5:53	5:47	5 4	5:54	5:47	5 5	5:54	5:46	5 3
273	151	30	Tuesday....	5	18	11 50 5	ev.16	5:54	5:45	sets	5:55	5:45	sets	5:55	5:44	sets

☾ First Quar., 7th. 10th MONTH. **OCTOBER, 1913.** 31 DAYS ☽ Last Quar., 22d.
 ☾ Full Moon, 15th. ☽ New Moon, 29th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.			
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	
274	92	1	Wednesday	Con.D.	3	11 49 45	1 9	5:56	5:44	6:21	5:56	5:43	6:28	5:57	5:42	6:14
275	93	2	Thursday	1	18	11 49 26	2 4	5:57	5:42	6:51	5:56	5:42	7 1	5:58	5:40	6:41
276	94	3	Friday	2	16	11 49 8	3 1	5:58	5:40	7:27	5:57	5:41	7:40	5:59	5:39	7:14
277	95	4	Saturday	3	29	11 48 49	4 0	5:59	5:38	8:14	5:58	5:40	8 29	6 0	5:38	7:59
278	96	5	SUNDAY	4	12	11 48 31	4:58	6 0	5:37	9 9	5:59	5:38	9:24	6 1	5:36	8:53
279	97	6	Monday	5	12	11 48 13	5:55	6 1	5:35	10 11	6 0	5:36	10:25	6 2	5:34	9:56
280	98	7	Tuesday	6	25	11 47 56	7:48	6 2	5:33	11 18	6 1	5:34	11:30	6 4	5:32	11 5
281	99	8	Wednesday	7	9	11 47 39	8:37	6 3	5:32	morn	6 2	5:33	morn	6 5	5:30	morn
282	100	9	Thursday	8	19	11 47 22	9:23	6 4	5:30	morn	6 3	5:31	1:39	6 6	5:28	1:24
283	101	10	Friday	9	1	11 47 6	9 5	6 5	5:28	1:32	6 4	5:29	2:40	6 8	5:26	2:30
284	102	11	Saturday	10	11	11 46 51	9:45	6 6	5:26	2:35	6 5	5:28	3:39	6:10	5:22	3:34
285	103	12	SUNDAY	11	25	11 46 35	10:24	6 8	5:25	3:36	6 6	5:27	4:37	6:12	5:20	4:37
286	104	13	Monday	12	6	11 46 21	11 2	6 9	5:23	4:37	6 7	5:26	5:34	6:13	5:19	5:39
287	105	14	Tuesday	1	18	11 46 7	11:42	6 10	5:21	5:37	6 8	5:24	5:34	6:13	5:17	5:59
288	106	15	Wednesday	2	30	11 45 53	morn	6 11	5:19	rises	6 9	5:23	rises	6:14	5:17	rises
289	107	16	Thursday	3	12	11 45 40	24	6 12	5:18	5:39	6 10	5:22	5:48	6:16	5:16	5:30
290	108	17	Friday	4	25	11 45 27	1 9	6 13	5:17	6 8	6 11	5:20	6:19	6:17	5:14	5:54
291	109	18	Saturday	5	7	11 45 15	1:57	6 14	5:16	6:45	6 12	5:19	6:58	6:18	5:12	6:31
292	110	19	SUNDAY	6	20	11 45 4	2:49	6 15	5:15	7:30	6 13	5:18	7:45	6:19	5:10	7:15
293	111	20	Monday	7	3	11 44 53	3:45	6 16	5:13	8:23	6 14	5:17	8:42	6:21	5 8	8:12
294	112	21	Tuesday	8	16	11 44 43	4:42	6 18	5:11	9:15	6 15	5:16	9:48	6:22	5 7	9:21
295	113	22	Wednesday	9	30	11 44 34	5:40	6 19	5 9	10:47	6 16	5:14	10:58	6:24	5 5	10:35
296	114	23	Thursday	10	13	11 44 25	6:36	6 21	5 7	morn	6 16	5:12	morn	6:25	5 3	11:54
297	115	24	Friday	11	28	11 44 17	7:29	6 22	5 6	2	6 17	5:11	11	6:27	5 2	morn
298	116	25	Saturday	12	12	11 44 10	8:21	6 24	5 4	1:20	6 18	5:10	1:25	6:28	5 1	1:14
299	117	26	SUNDAY	1	27	11 44 4	9 11	6 25	5 2	2:37	6 19	5 8	2:40	6:30	4:59	2:35
300	118	27	Monday	2	11	11 43 58	10 1	6 26	5 1	3:54	6 20	5 7	3:54	6:31	4:57	3:55
301	119	28	Tuesday	3	26	11 43 53	10:53	6 27	5 0	4:58	6 21	5 6	4:58	6:32	4:55	4:41
302	120	29	Wednesday	4	11	11 43 49	11:46	6 28	4:59	6:34	6 22	5 5	6 2	6:33	4:54	6:41
303	121	30	Thursday	5	26	11 43 45	ev.43	6 29	4:58	sets	6 23	5 4	sets	6:34	4:53	sets
304	122	31	Friday	6	10	11 43 43	1:43	6 30	4:57	6 2	6 24	5 3	6:16	6:36	4:51	5:48

☾ First Quar., 5th.
☾ Full Moon, 14th.

11th MONTH.

NOVEMBER, 1913. 30 DAYS.

☾ Last Quar., 21st.
☾ New Moon, 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
305	61	1	Saturday...	Con.D.	24	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
306	60	2	SUNDAY...	24	11 43 41	2 43	6 31	4 55	6 55	6 26	5 1	7 10	6 38	4 49	6 40
307	59	3	Monday...	25	11 43 40	3 43	6 33	4 54	7 57	6 27	5 9	8 12	6 39	4 48	7 42
308	58	4	Tuesday...	26	11 43 39	4 39	6 34	4 53	9 4	6 28	4 59	9 17	6 40	4 47	8 50
309	57	5	Wednesday...	27	11 43 40	5 31	6 35	4 52	10 13	6 29	4 58	10 24	6 41	4 45	10 2
310	56	6	Thursday...	28	11 43 43	7 2	6 36	4 50	11 20	6 30	4 57	11 28	6 42	4 43	11 12
311	55	7	Friday...	29	11 43 46	8 1	6 37	4 49	morn	6 31	4 56	morn	6 44	4 42	morn
312	54	8	Saturday...	30	11 43 45	9 0	6 38	4 48	25	6 32	4 55	30	6 45	4 41	19
313	53	9	SUNDAY...	1	11 43 50	8 22	6 39	4 47	1 26	6 33	4 54	1 30	6 46	4 40	1 23
314	52	10	Monday...	2	11 43 55	9 1	6 40	4 46	2 27	6 34	4 53	2 28	6 47	4 39	2 26
315	51	11	Tuesday...	3	11 44 6	9 40	6 41	4 45	3 28	6 35	4 53	3 26	6 48	4 38	3 30
316	50	12	Wednesday...	4	11 44 13	10 21	6 43	4 44	4 29	6 37	4 52	4 25	6 50	4 36	4 33
317	49	13	Thursday...	5	11 44 21	11 5	6 45	4 43	5 32	6 38	4 51	5 25	6 52	4 35	5 29
318	48	14	Friday...	6	11 44 30	morn	6 46	4 41	rises	6 40	4 50	rises	6 55	4 33	rises
319	47	15	Saturday...	7	11 44 39	45	6 48	4 40	5 30	6 41	4 59	5 43	6 56	4 32	5 14
320	46	16	SUNDAY...	8	11 44 50	1 40	6 49	4 39	6 23	6 42	4 49	6 38	6 58	4 31	6 8
321	45	17	Monday...	9	11 45 1	2 38	6 51	4 38	7 28	6 43	4 48	7 42	6 59	4 30	7 13
322	44	18	Tuesday...	10	11 45 13	3 35	6 52	4 38	8 37	6 44	4 47	8 49	7 0	4 30	8 24
323	43	19	Wednesday...	11	11 45 26	4 31	6 54	4 37	9 51	6 45	4 46	10 37	7 12	4 29	9 41
324	42	20	Thursday...	12	11 45 40	5 24	6 55	4 37	11 6	6 46	4 46	11 12	7 3	4 28	1 59
325	41	21	Friday...	13	11 45 55	6 15	6 56	4 36	morn	6 47	4 45	morn	7 5	4 27	morn
326	40	22	Saturday...	14	11 46 10	7 4	6 57	4 35	21	6 48	4 45	24	7 6	4 26	17
327	39	23	SUNDAY...	15	11 46 27	7 52	6 58	4 34	1 34	6 49	4 44	1 35	7 7	4 25	1 34
328	38	24	Monday...	16	11 46 44	8 41	6 59	4 33	2 50	6 50	4 44	2 48	7 9	4 25	2 53
329	37	25	Tuesday...	17	11 47 2	9 32	7 0	4 32	4 9	6 51	4 43	4 3	7 10	4 24	4 14
330	36	26	Wednesday...	18	11 47 20	10 26	7 1	4 32	5 27	6 52	4 43	5 19	7 11	4 23	5 36
331	35	27	Thursday...	19	11 47 40	11 24	7 2	4 31	6 48	6 53	4 42	6 37	7 12	4 22	7 41
332	34	28	Friday...	20	11 48 0	ev. 24	7 3	4 31	sets	6 54	4 42	sets	7 13	4 21	sets
333	33	29	Saturday...	21	11 48 21	1 26	7 4	4 31	5 39	6 55	4 42	5 53	7 14	4 20	5 23
334	32	30	SUNDAY...	22	11 48 42	2 25	7 6	4 31	6 44	6 56	4 42	6 58	7 15	4 21	6 30

☾ First Quar., 5th.
☾ Full Moon, 13th.

12th MONTH.

DECEMBER, 1913. 31 DAYS.

☾ Last Quar., 20th.
☾ New Moon, 27th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH.	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
335	31	1	Monday...	Con.D.	29	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
336	30	2	Tuesday...	30	11 49 5	3 20	7 7	4 31	7 55	6 57	4 41	8 6	7 16	4 21	7 43
337	29	3	Wednesday...	31	11 49 27	4 10	7 8	4 30	9 4	6 58	4 41	9 13	7 17	4 20	8 54
338	28	4	Thursday...	1	11 49 51	4 56	7 9	4 30	10 11	6 59	4 41	10 18	7 18	4 20	10 4
339	27	5	Friday...	2	11 50 15	5 38	7 10	4 30	11 15	7 0	4 41	11 19	7 19	4 19	11 11
340	26	6	Saturday...	3	11 50 39	6 19	7 11	4 29	morn	7 1	4 41	morn	7 20	4 19	morn
341	25	7	SUNDAY...	4	11 51 6	6 59	7 12	4 29	1 16	7 2	4 41	1 16	7 22	4 19	1 14
342	24	8	Monday...	5	11 51 30	7 36	7 13	4 29	1 16	7 3	4 41	1 16	7 23	4 19	1 17
343	23	9	Tuesday...	6	11 51 56	8 16	7 14	4 29	2 17	7 4	4 41	2 14	7 24	4 19	2 20
344	22	10	Wednesday...	7	11 52 28	8 59	7 15	4 29	3 19	7 5	4 41	3 13	7 25	4 19	3 25
345	21	11	Thursday...	8	11 52 50	9 45	7 16	4 29	4 23	7 6	4 41	4 15	7 26	4 19	4 31
346	20	12	Friday...	9	11 53 45	10 36	7 17	4 29	5 30	7 6	4 41	5 19	7 27	4 19	5 41
347	19	13	Saturday...	10	11 54 13	11 31	7 18	4 29	6 37	7 7	4 41	6 24	7 28	4 19	6 51
348	18	14	SUNDAY...	11	11 54 42	morn	7 19	4 29	rises	7 8	4 42	rises	7 29	4 19	rises
349	17	15	Monday...	12	11 55 10	1 28	7 20	4 29	7 29	7 9	4 42	5 31	7 30	4 20	8 1
350	16	16	Tuesday...	13	11 55 41	2 26	7 21	4 30	8 27	7 10	4 43	7 51	7 32	4 20	7 14
351	15	17	Wednesday...	14	11 56 9	3 21	7 21	4 30	8 57	7 10	4 43	9 5	7 32	4 20	8 50
352	14	18	Thursday...	15	11 56 38	4 13	7 22	4 31	10 12	7 11	4 43	10 16	7 33	4 21	10 7
353	13	19	Friday...	16	11 57 8	5 2	7 23	4 31	11 24	7 12	4 44	11 25	7 34	4 21	11 22
354	12	20	Saturday...	17	11 57 38	5 49	7 24	4 32	morn	7 12	4 44	morn	7 34	4 21	morn
355	11	21	SUNDAY...	18	11 58 8	6 37	7 25	4 32	38	7 13	4 44	1 36	7 35	4 22	1 50
356	10	22	Monday...	19	11 58 42	7 29	7 26	4 33	1 51	7 14	4 45	1 47	7 36	4 23	1 56
357	9	23	Tuesday...	20	11 59 8	8 17	7 25	4 34	3 9	7 14	4 45	3 1	7 36	4 23	3 16
358	8	24	Wednesday...	21	11 59 38	9 11	7 25	4 34	4 27	7 14	4 46	4 16	7 36	4 24	4 37
359	7	25	Thursday...	22	12 0 8	10 9	7 25	4 35	5 43	7 14	4 46	5 30	7 37	4 25	5 56
360	6	26	Friday...	23	12 0 38	11 9	7 26	4 35	6 55	7 15	4 47	6 40	7 37	4 26	7 10
361	5	27	Saturday...	24	12 1 7	ev. 9	7 26	4 36	sets	7 15	4 48	sets	7 37	4 26	sets
362	4	28	SUNDAY...	25	12 1 37	1 7	7 27	4 37	5 35	7 15	4 49	5 47	7 38	4 27	5 22
363	3	29	Monday...	26	12 1 6	1 57	7 28	4 38	6 45	7 16	4 50	6 55	7 39	4 28	6 34
364	2	30	Tuesday...	27	12 2 36	2 48	7 27	4 38	7 57	7 16	4 51	8 1	7 39	4 29	7 45
365	1	31	Wednesday...	28	12 3 5	3 32	7 28	4 39	9 1	7 16	4 51	9 6	7 39	4 29	8 56

A READY-REFERENCE CALENDAR.

For ascertaining any day of the week for any given time within two hundred years from the introduction of the New Style, *1752 to 1952 inclusive.

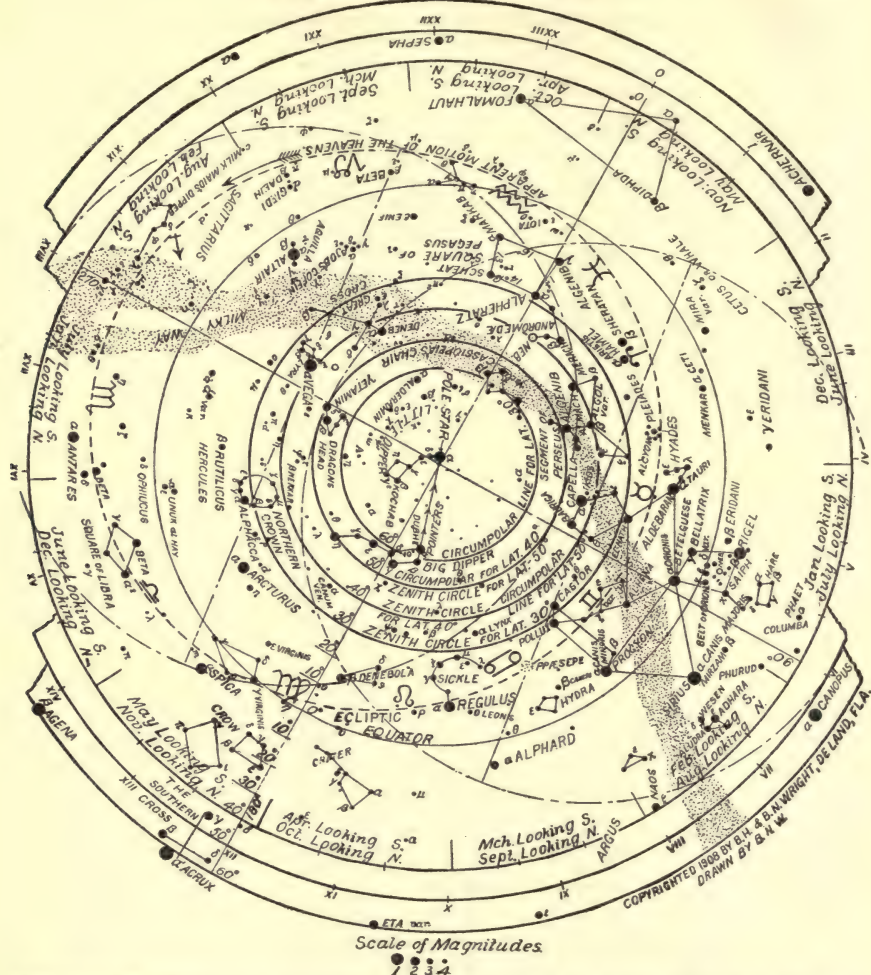
YEARS 1753 TO 1952.											Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																	
1761 1801	1767 1807	1778 1818	1789 1829	1795 1835	1846	1857 1903	1863 1914	1874 1925	1885 1931	1891 1942	4	7	7	3	5	1	3	6	2	4	7	2																																																																	
1762 1802	1773 1813	1779 1819	1790 1830	1841	1847	1858 1909	1869 1915	1875 1926	1886 1937	1897 1943	5	1	1	4	6	2	4	7	3	5	1	3																																																																	
1757 1803	1763 1814	1774 1825	1785 1831	1791 1842	1853	1859 1910	1870 1921	1881 1927	1887 1938	1898 1949	6	2	2	5	7	3	5	1	4	6	2	4																																																																	
1754 1805	1765 1811	1771 1822	1782 1833	1793 1839	1799 1850 1901	1861 1907	1867 1918	1878 1929	1889 1935	1895 1946	2	5	5	1	3	6	1	4	7	2	5	7																																																																	
1755 1806	1766 1817	1777 1823	1783 1834	1794 1845	1800 1851 1902	1862 1913	1873 1919	1879 1930	1890 1941	1947	3	6	6	2	4	7	2	5	1	3	6	1																																																																	
1758 1809	1769 1815	1775 1826	1786 1837	1797 1843	1854 1905	1865 1911	1871 1922	1882 1933	1893 1939	1899 1950	7	3	3	3	1	4	6	2	5	7	3	5																																																																	
1753 1810	1759 1821	1770 1827	1781 1838	1787 1849	1798 1855	1866 1906	1877 1917	1883 1923	1894 1934	1900 1945 1951	1	4	4	7	2	5	7	3	6	1	4	6																																																																	
LEAP YEARS.											..	29	..	..	..	..	..	..	..	..	..	..																																																																	
1764	1792	1804	1832	1860	1888	1928	.....	7	3	4	7	2	5	7	3	6	1	4	6	2	4	6																																																																	
1768	1796	1808	1836	1864	1892	1904	1932	5	1	2	5	7	3	5	1	4	6	2	4	6	2	4																																																																	
1772	.....	1812	1840	1868	1896	1908	1936	3	6	7	3	5	1	3	6	2	4	7	2	5	7	3																																																																	
1776	.....	1816	1844	1872	.....	1912	1940	1	4	5	1	3	6	1	4	7	2	5	7	3	5	7																																																																	
1780	.....	1820	1848	1876	.....	1916	1944	6	2	3	6	1	4	6	2	5	7	3	5	7	3	5																																																																	
1756	1784	1824	1852	1880	.....	1920	1948	4	7	1	4	6	2	4	7	3	5	1	3	6	1	4																																																																	
1760	1788	1828	1856	1884	.....	1924	1952	2	5	6	2	4	7	2	5	1	3	6	1	4	6	2																																																																	
1											2											3											4											5											6											7																					
Monday 1											Tuesday 2											Wednesday 3											Thursday 4											Friday 5											Saturday 6											SUNDAY 7																					
Tuesday 2											Wednesday 3											Thursday 4											Friday 5											Saturday 6											SUNDAY 7																																
Wednesday 3											Thursday 4											Friday 5											Saturday 6											SUNDAY 7																																											
Thursday 4											Friday 5											Saturday 6											SUNDAY 7																																																						
Friday 5											Saturday 6											SUNDAY 7																																																																	
Saturday 6											SUNDAY 7																																																																												
SUNDAY 7											Monday 1											Tuesday 2											Wednesday 3											Thursday 4											Friday 5											Saturday 6											SUNDAY 7										
Monday 8											Tuesday 9											Wednesday 10											Thursday 11											Friday 12											Saturday 13											SUNDAY 14																					
Tuesday 9											Wednesday 10											Thursday 11											Friday 12											Saturday 13											SUNDAY 14																																
Wednesday 10											Thursday 11											Friday 12											Saturday 13											SUNDAY 14																																											
Thursday 11											Friday 12											Saturday 13											SUNDAY 14																																																						
Friday 12											Saturday 13											SUNDAY 14																																																																	
Saturday 13											SUNDAY 14																																																																												
SUNDAY 14											Monday 15											Tuesday 16											Wednesday 17											Thursday 18											Friday 19											Saturday 20											SUNDAY 21										
Monday 15											Tuesday 16											Wednesday 17											Thursday 18											Friday 19											Saturday 20											SUNDAY 21																					
Tuesday 16											Wednesday 17											Thursday 18											Friday 19											Saturday 20											SUNDAY 21																																
Wednesday 17											Thursday 18											Friday 19											Saturday 20											SUNDAY 21																																											
Thursday 18											Friday 19											Saturday 20											SUNDAY 21																																																						
Friday 19											Saturday 20											SUNDAY 21																																																																	
Saturday 20											SUNDAY 21																																																																												
SUNDAY 21											Monday 22											Tuesday 23											Wednesday 24											Thursday 25											Friday 26											Saturday 27											SUNDAY 28										
Monday 22											Tuesday 23											Wednesday 24											Thursday 25											Friday 26											Saturday 27											SUNDAY 28																					
Tuesday 23											Wednesday 24											Thursday 25											Friday 26											Saturday 27											SUNDAY 28																																
Wednesday 24											Thursday 25											Friday 26											Saturday 27											SUNDAY 28																																											
Thursday 25											Friday 26											Saturday 27											SUNDAY 28																																																						
Friday 26											Saturday 27											SUNDAY 28																																																																	
Saturday 27											SUNDAY 28																																																																												
SUNDAY 28											Monday 29											Tuesday 30											Wednesday 31											Thursday 1											Friday 2											Saturday 3											SUNDAY 4										
Monday 29											Tuesday 30											Wednesday 31											Thursday 1											Friday 2											Saturday 3											SUNDAY 4																					
Tuesday 30											Wednesday 31											Thursday 1											Friday 2											Saturday 3											SUNDAY 4																																
Wednesday 31											Thursday 1											Friday 2											Saturday 3											SUNDAY 4																																											

NOTE.—To ascertain any day of the week first look in the table for the year required and under the months are figures which refer to the corresponding figures at the head of the columns of days below. For example: To know on what day of the week July 4 was in the year 1895, in the table of years look for 1895, and in a parallel

line, under July, is figure 1, which directs to column 1, in which it will be seen that July 4 falls on Thursday.

*1752 same as 1772 from Jan. 1 to Sept. 2. From Sept. 14 to Dec. 31 same as 1780 (Sept. 3-13 were omitted).—This Calendar is from Whitaker's London Almanack, with some revisions.

CHART OF THE HEAVENS.



EXPLANATION—The chart of the heavens shows all the bright stars and groups visible in the United States, Canada, Mexico, Cuba and Hawaii. Stars of the third magnitude are sometimes shown in order to complete a figure.

If a bright uncharted body be seen near the "ecliptic circle" it must be a planet. To locate the planets or moon refer to the tables "Position of Planets" and "Moon's Place" in the almanac pages, find the proper signs on the chart on the "ecliptic circle" and an inspection of that part of the heavens, comparing with the chart, will serve to identify the planet and all the surrounding objects. Of course there must be somewhat of distortion south of the equator, but not sufficient to be confusing or to prevent the use of the pointer system. For instance, an extension of the west side of the square of Pegasus three times as far south will come close to Fomalhaut.

Because of the earth's motion from west to east (opposite to the direction of the arrow in the chart), the stars rise 4m. earlier each day or 30m. per week, or 2h. a month. The chart shows the position at 9 p. m. Then if the position for any other hour be desired, as for 7 p. m., count back one month, or ahead one month for 11 p. m., and so on for any hour of the night.

A circle described from the zenith on the "zenith circle" for the desired latitude with a radius of 90° (see graduated meridian) will show about what stars are above the horizon. Thus Capella is near the overhead (zenith) point on latitude 40° north Jan. 15, 9 p. m., as will be Algenib in the handle of the Big Dipper at 3 a. m. Then from Capella or Algenib all the surrounding visible groups can be identified. The "pointers," being 5° apart and always in sight, may be used as a convenient unit of measure; also when visible the Belt of Orion,

3°, or the sides of the square of Pegasus. The observer is always supposed to stand under the overhead point and to face south and north alternately.

bearing in mind that to the right is west when facing south and east when looking north.

THE BRIGHTEST STARS.

NAME.	Constellation or group.	Magni- tude. (v. variable.)	Right ascension.		Declina- tion.	For upper meridian passage.		For rising, subtract. For setting, add.		
			Sidereal time.			Mn.	time.	For lat. 30°+.	For lat. 40°+.	For lat. 50°+.
			H.	M.				H.	M.	H.	M.	H.	M.
Alpheratz.	Andromeda.	2.1	0	4	+28 36	0	3	7 18	7 52	8 59
Capella.	Cassiopeia	2.4	0	4	+38 36	0	4			
Algenib.	Pegasus.	2.8	0	9	+14 40	0	8	6 39	6 51	7 18
Alpha.	Phoenix.	3.0	0	21	-43 19	0	21	8 51*	2 25*	
Schedir.	Cassiopeia.	2.3 v	0	35	+56 30	0	35	9 56		
Diphda.	Cetus (whale).	2.2	0	39	-18 39	0	38	5 20	4 53	4 36
Gamma.	Cassiopeia.	2.3	0	51	+60 14	0	50			
Mirach.	Andromeda.	2.2	1	5	-35 9	1	4	7 37	8 29	9 48
Delta.	Cassiopeia.	2.4	1	20	-59 46	1	19			
Polaris.	Ursa Minor.	2.2	1	27	+50 24	1	24			
Achernar.	Eridanus.	0.4	1	34	-57 41	1	34	1 37*	*	*
Sheratan.	Aries (ram) T.	2.8	1	50	-20 22	1	49	6 39	7 14	7 52
Almaach.	Andromeda.	2.2	1	58	+41 54	1	57	8 0	9 21	
Hamel.	Aries T.	2.1	2	2	+23 3	2	1	7 1	7 26	8 6
Mira.	Cetus.	2.1 v	2	14	+3 26	2	13	5 54	5 51	5 46
Menkar.	Cetus.	2.6	2	58	+3 44	2	56	6 12	6 13	6 20
Algol.	Perseus.	2.6 v	3	2	+40 37	3	0	8 0	9 10	
Mafak.	Perseus.	1.9	3	18	+49 33	3	18	8 52		
Alcyone.	Taurus (bull) v.	3.1	3	42	-23 50	3	41	7 3	7 29	8 13
Aldebaran.	Taurus v.	1.0	4	31	-16 20	4	29	6 39	6 58	7 26
Capella.	Auriga.	0.1	5	10	+45 55	5	9	8 28	10 14	
Rigel.	Orion.	0.3	5	10	-8 18	5	9	5 45	5 31	5 17
El Nath.	Taurus v.	1.8	5	21	+28 32	5	19	7 18	7 52	8 49
Mintaka.	Orion.	2.3	5	27	-0 22	5	26	6 2	6 2	6 2
Al Nilam.	Orion.	1.8	5	32	-1 15	5	30	6 1	6 1	6 1
Phi.	Colomba (dove).	2.7	5	36	-34 8	5	35	4 30	3 37*	2 33*
Salph.	Orion.	2.3	5	43	-9 42	5	42	5 42	5 26	5 17
Betelgeuse.	Orion.	0.9	5	50	+7 24	5	49	6 22	6 26	6 42
Menkalina.	Auriga.	2.0	5	53	+44 56	5	51	8 22	9 53	
Canopus.	Argus.	0.8	6	21	-52 39	6	21	2 46*	*	*
Alhena.	Gemini (twins) x	2.0	6	33	+16 29	6	31	6 44	6 59	7 27
Sirius.	Canis Major.	-1.4	6	41	-16 36	6	40	5 25	5 1	4 45
Adhara.	Canis Major.	1.5	6	55	-23 51	6	54	4 51	4 7	3 20
Castor.	Gemini x.	1.9	7	29	-32 6	7	27	7 30	8 11	9 19
Procyon.	Canis Minor.	0.5	7	40	-5 27	7	37	6 17	6 19	6 30
Pollux.	Gemini x.	1.2	7	40	+28 15	7	38	6 17	6 33	6 50
Beta.	Cancer (crab) ⊗.	3.8	8	12	+9 28	8	10	6 27	6 33	6 50
Alphard.	Hydra.	2.1	9	23	-8 16	9	21	5 45	5 31	5 24
Regulus.	Leo (lion) ♀.	1.3	10	4	+12 25	10	1	6 34	6 44	7 4
Eta.	Argus.	1.6 v	10	42	-69 13	10	39	1 3*	*	*
Dubhe.	Ursa Major.	2.0	10	58	+62 14	10	56			
Denebola.	Leo ♀.	2.2	11	44	+15 4	11	42	6 41	6 54	7 18
Berx.	Southern Cross.	12.6	12	22	-62 36	12	19	1 0*	*	*
Beta.	Corvus (crow).	2.8	12	30	-22 54	12	27	5 9	4 35	4 3
Mizar.	Ursa Major.	2.4	13	20	+55 22	13	18			
Spica.	Virgo (virgin) ♀.	1.1	13	20	-10 42	13	18	5 40	5 23	5 12
Arcturus.	Centaurus.	0.7	13	57	-59 56	13	57	6 42	7 12	7 45
Bengula.	Bootes.	0.2	14	12	+19 39	14	9	0 52		*
Alpha.	Centaurus.	0.2	14	33	-60 28	14	30	5 27	5 4	4 47
Kochab.	Libra (scales) =.	2.9	14	46	-15 40	14	43			
Alpha.	Ursa Minor.	2.2	14	51	+74 51	14	48			
Unuk.	Northern Crown.	2.3	15	31	+27 1	15	28	7 13	7 44	8 34
Beta.	Serpent Bearer.	2.7	15	40	+6 42	15	37	6 20	6 23	6 35
Antares.	Scorpion m.	2.9	16	0	-19 34	16	20	5 16	4 54	4 24
Rutilicus.	Scorpion m.	1.2	16	24	-26 14	16	20	4 58	4 20	3 42
Etamin.	Hercules.	2.8	16	26	+21 41	16	23	6 58	7 20	7 52
Vega.	Dragon.	2.5	17	54	+51 30	17	51	9 8		
Delta.	Lyre.	0.1	18	34	+38 42	18	30	7 52	8 54	10 52
Altair.	Sagittarius ♀.	2.3	18	50	-26 25	18	46	4 58	4 19	3 38*
Alpha.	Eagle.	0.9	19	46	+18 38	19	43	4 24	6 30	6 45
Deneb.	Capricorn v.	3.7	20	13	-12 49	20	9	5 35	5 19	4 56
Alderamin.	Cygnus (swan).	1.4	20	38	+44 58	20	35	8 22	9 56	
Beta.	Cepheus.	2.6	21	16	+62 13	21	12	5 49	5 43	5 35
Enl.	Aquarius =.	2.9	21	27	-5 58	21	23	6 26	6 33	6 50
Alpha.	Pegasus.	2.4	21	40	+9 28	21	36	3 26*	1 21*	*
Fomalhaut.	The Crane.	1.9	22	53	-47 24	22	53	4 46	4 0	3 11
Markab.	Pisces Australis.	1.3	22	53	-30 6	22	48	4 46	4 0	3 11
Iota.	Pegasus.	2.5	23	0	+14 44	22	56	6 39	6 52	7 16
	Pisces x.	4.3	23	35	+5 9	23	31	6 16	6 17	6 28

Explanation: By the absolute scale of magnitudes stars brighter than Aldebaran and Altair are indicated by fractional or negative quantities, thus Vega 0.2 and Sirius -1.4. As the magnitudes increase the brilliancy decreases, each increase of a unit being equal to a decrease of about two and one-half in brightness.

To ascertain when any star or constellation will be on the upper meridian add the number opposite in the column "For Meridian Passage" to the fig-

ures in the following table "Sidereal Noon," taking note whether such figure be "Morn." or "Eve." If Morn. and the sum is more than 12h. the result will be Eve. of same day; if "Eve." and the sum is more than 12h. the result will be Morn. of the next day. Having found the time of meridian passage, for the rising subtract and for the setting add the numbers opposite the star in the column headed "For Rising and Setting" and observe the direction as to Morn. and

Eve, given for the meridian passage. Those marked (.....) in the last columns are circumpolar and do not rise or set in the latitude named in the head of that column. Stars having an asterisk (*) in the last column are only to be seen in the far south and then when near the meridian, as the vapors of the horizon will prevent seeing them when they rise or set. To tell how high up from the nearest point of the horizon a star will be at its meridian passage, subtract the star's declination from 90° and if the result is less than the latitude of the place of the observer that star will neither rise nor set, but is circumpolar, and the difference between that result and the latitude shows the star's altitude above the north point of the horizon or below the southern horizon. Or (90°—Dec.)—lat. = alt. or elevation of the star above the nearest point of the horizon at meridian passage for stars of a south. dec. Examples:

Sidereal noon, Oct. 30, 9:28 p. m.

Fomalhaut "In Merid." col., 22:48

32:16

Subtract, 24:00

8:16 p. m. of the 31st,
time of meridian
passage.

Fomalhaut ris. and set. col. add 4:00

12:16 = 9:16 a. m. of
Nov. 1, the time
of setting.

Or by subtracting = 4:16 p. m. = rising.
Fomalhaut dec., 30° s. 90°—30° = 60°—40° = 20°. Altitude of Fomalhaut in latitude 40° at its meridian passage. To measure celestial distances with the eye keep in mind that one-third of the distance from the zenith to the horizon is 30°. For smaller measurements use the "pointers" in the "big dipper," which are nearly 5° apart—a convenient celestial yardstick because always to be seen. In the case of a star whose dec. is such as to bring it nearer to the zenith than to a horizon at meridian passage, it will be more convenient to use its zenith distance as a means of locating it. The difference between the latitude and dec. is this zenith distance. If the dec. is greater than the latitude then such difference is to be counted northward, otherwise southward from the zenith.

FACTS ABOUT THE SUN AND PLANETS.

Name.	Diameter, Miles.	Distance from sun. Miles.	Period of rev. days.
Sun	865,000		
Mercury	3,030	36,000,000	88
Venus	7,700	67,200,000	225
Earth	7,918	92,900,000	365
Mars	4,230	141,500,000	687
Jupiter	86,500	483,300,000	4,333
Saturn	73,000	886,000,000	10,759
Uranus	31,900	1,781,900,000	30,687
Neptune	34,800	2,791,600,000	60,181

The sun's surface is 12,000 and its volume

1,300,000 times that of the earth, but the mass

is only 332,000 times as great and its density

about one-quarter that of the earth. The force

of gravity at the surface of the sun is twenty-

seven times greater than that at the surface of

the earth. The sun rotates on its axis once in

25.3 days at the equator, but the time is longer

at the higher latitudes, from which fact it is

presumed that the sun is not solid, at least as

to its surface.

THE EARTH AND THE MOON.

Earth—The equatorial diameter of the earth is 7,926.5 miles and the polar diameter 7,889.5 miles; equatorial circumference, 25,000. The linear velocity of the rotation of the earth on its axis at the equator is 24,840 miles a day, or 1,440 feet a second; its velocity in its orbit around the sun is approximately nineteen miles per second, the length of the orbit being about 560,000,000 miles. The superficial area of the earth according to Encke, the astronomer, is 197,108,580 square miles, of which two-thirds is water and one-third land. The planetary mass is about 256,000,000 cubic miles.

Moon—The moon has a diameter of 2,162 miles, a circumference of about 6,800 miles and a surface area of 14,685,000 square miles. Her mean distance from the earth is 238,840 miles. The volume of the moon is about 1/49th that of the earth and the density about 3/25 that of water. The time from new moon to new moon is 29 days 12 hours 44.05 minutes. The moon has no atmosphere and no water and is a dead world.

Light travels at the rate of 186,300 miles per second. It requires 8 minutes and 8 seconds for light to come from the sun to the earth.

SIDEREAL NOON OR MERIDIAN PASSAGE OF THE VERNAL EQUINOX.

(For use in connection with star table. See note under same.)

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1.....	6 17	3 15	1 25	11 23	9 25	7 23	5 25	3 23	1 22	11 20	9 18	7 20
2.....	6 13	3 11	1 21	11 19	9 21	7 19	5 21	3 20	1 18	11 16	9 14	7 16
3.....	6 9	3 7	1 17	11 15	9 17	7 15	5 17	3 16	1 14	11 12	9 10	7 12
4.....	6 5	3 3	1 13	11 11	9 13	7 11	5 13	3 12	1 10	11 8	9 6	7 8
5.....	6 1	2 59	1 9	11 7	9 9	7 7	5 10	3 8	1 6	11 4	9 2	7 4
6.....	6 57	2 55	1 5	11 3	9 6	7 4	5 6	3 4	1 2	11 1	8 58	7 0
7.....	6 53	2 52	1 1	11 0	9 2	7 0	5 2	3 0	0 58	10 56	8 54	6 56
8.....	6 49	2 48	0 57	10 56	8 58	6 56	4 58	2 56	0 54	10 52	8 50	6 52
9.....	6 46	2 44	0 54	10 52	8 54	6 52	4 54	2 52	0 50	10 48	8 46	6 48
10.....	6 42	2 40	0 50	10 48	8 50	6 48	4 50	2 48	0 46	10 44	8 42	6 44
11.....	6 38	2 36	0 46	10 44	8 46	6 44	4 46	2 44	0 42	10 40	8 38	6 40
12.....	6 34	2 32	0 42	10 40	8 42	6 40	4 42	2 40	0 38	10 36	8 34	6 36
13.....	6 30	2 28	0 38	10 36	8 38	6 36	4 38	2 36	0 34	10 32	8 31	6 33
14.....	6 26	2 24	0 34	10 32	8 34	6 32	4 34	2 32	0 30	10 29	8 27	6 29
15.....	6 22	2 20	0 30	10 28	8 30	6 28	4 30	2 28	0 27	10 25	8 23	6 25
16.....	6 18	2 16	0 26	10 24	8 26	6 24	4 26	2 24	0 23	10 21	8 19	6 21
17.....	6 14	2 12	0 22	10 20	8 22	6 20	4 22	2 21	0 19	10 17	8 15	6 17
18.....	6 10	2 8	0 18	10 16	8 18	6 16	4 18	2 17	0 15	10 13	8 11	6 13
19.....	6 6	2 4	0 14	10 12	8 14	6 12	4 14	2 13	0 11	10 9	8 7	6 9
20.....	6 2	2 0	0 10	10 8	8 10	6 8	4 10	2 9	0 7	10 5	7 59	6 5
21.....	3 58	1 56	0 6	10 4	8 7	6 5	4 7	2 5	11 59	10 1	7 59	6 1
22.....	3 54	1 53	0 2	10 1	8 3	6 1	4 3	2 1	11 55	9 57	7 55	5 57
23.....	3 50	1 49	11 59	9 57	7 59	5 57	3 59	1 57	11 51	9 53	7 51	5 53
24.....	3 47	1 45	11 55	9 53	7 55	5 53	3 55	1 53	11 47	9 49	7 47	5 49
25.....	3 43	1 41	11 51	9 49	7 51	5 49	3 51	1 49	11 43	9 45	7 43	5 45
26.....	3 39	1 37	11 47	9 45	7 47	5 45	3 47	1 45	11 39	9 41	7 39	5 41
27.....	3 35	1 33	11 43	9 41	7 43	5 41	3 43	1 41	11 35	9 37	7 35	5 37
28.....	3 31	1 29	11 39	9 37	7 39	5 37	3 39	1 37	11 31	9 33	7 31	5 33
29.....	3 27	1 25	11 35	9 33	7 35	5 33	3 35	1 33	11 28	9 30	7 28	5 30
30.....	3 23	1 21	11 31	9 29	7 31	5 29	3 31	1 29	11 24	9 26	7 24	5 26
31.....	3 19	1 17	11 27	9 25	7 27	5 25	3 27	1 25	11 20	9 22	7 20	5 22

NOTE—Black figures are p. m.; all others a. m. See note accompanying the Chart of the Heavens and star table for explanation of the use of the above table.

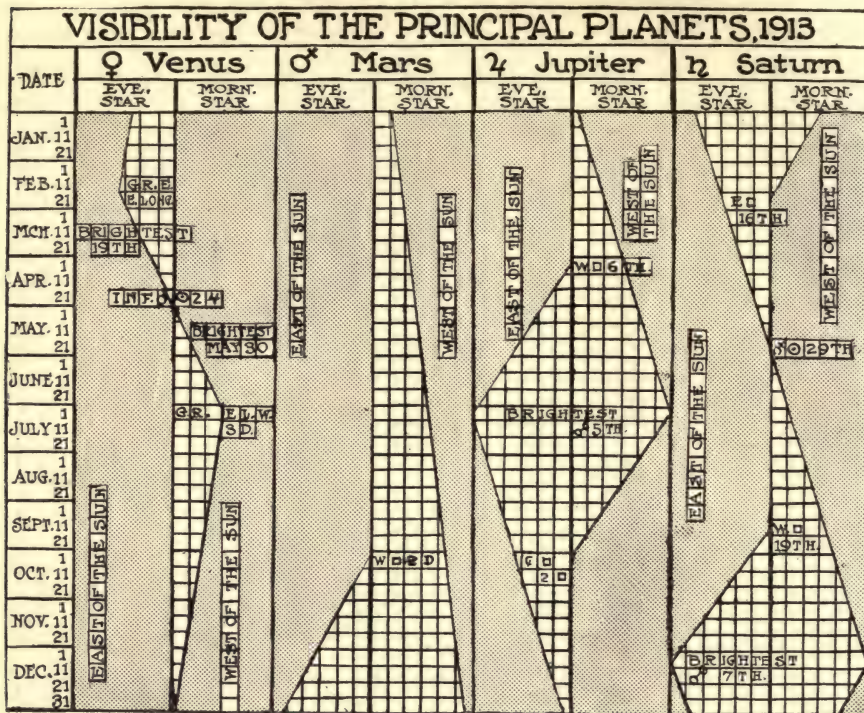
EPHEMERIS OF THE PRINCIPAL PLANETS FOR 1913.

Central standard time.

DATE.	VENUS ♀					MARS ♂				
	Right ascension.	Declination.	In Meridian.	North- ern states.	South- ern states.	Right ascension.	Declination.	In Meridian.	North- ern states.	South- ern states.
	Hour.	Degs.		Sets. H. M.	Sets. H. M.	Hour.	Degs.	H. M.	Rises. H. M.	Rises. H. M.
Jan. 1.	XXIII $\frac{1}{4}$	15		7 31	7 51	XVII $\frac{1}{2}$	24	9 56	5 31	4 55
11.	XXIII $\frac{1}{4}$	11		7 37	7 51	XVII $\frac{1}{2}$	24	9 49	5 25	4 45
21.	XXIII $\frac{1}{4}$	6		7 57	8 5	XVIII $\frac{1}{2}$	24	9 43	5 19	4 43
Feb. 1.	XXIV	$\frac{1}{2}$		8 17	8 17	XIX	23	9 35	5 7	4 32
11.	XXIV $\frac{1}{2}$	5		8 32	8 26	XIX $\frac{1}{2}$	22	9 29	4 57	4 24
21.	I	9		8 45	8 32	XX	21	9 21	4 43	4 12
Mch. 1.	I $\frac{1}{2}$	13		8 54	8 35	XX $\frac{1}{2}$	20	9 16	4 32	4 4
11.	II	17		8 57	8 33	XXI $\frac{1}{4}$	17	9 7	4 14	3 49
21.	II $\frac{1}{2}$	20		8 51	8 22	XXI $\frac{1}{2}$	15	8 58	3 56	3 34
Apr. 1.	II $\frac{1}{2}$	22		8 57	7 55	XXII $\frac{1}{4}$	13	8 48	3 34	3 17
11.	II $\frac{1}{2}$	22		7 42	7 10	XXII $\frac{1}{2}$	9	8 38	3 13	2 9
21.	II $\frac{1}{2}$	19		6 34	6 6	XXIII $\frac{1}{4}$	6	8 27	2 51	2 42
May 1.	I $\frac{1}{2}$	15		Rises.	Rises.	XXIII $\frac{1}{2}$	3	8 16	2 29	2 24
11.	I $\frac{1}{2}$	12		2 44	2 59	0 $\frac{1}{4}$	0	8 5	2 7	2 7
21.	I $\frac{1}{2}$	10		2 14	2 28	0 $\frac{1}{2}$	2	7 54	1 45	1 48
June 1.	II	11		1 49	2 3	I	6	7 4	1 20	1 28
11.	II $\frac{1}{4}$	11		1 30	1 46	I $\frac{1}{2}$	8	7 29	0 58	1 0
21.	II $\frac{1}{2}$	13		1 14	1 33	II	11	7 18	0 36	0 52
July 1.	II $\frac{1}{2}$	15		1	1 33	II $\frac{1}{2}$	14	7 3	0 15	0 34
11.	IV	17		0 53	1 18	III	16	6 55	11 55	0 18
21.	IV $\frac{1}{2}$	19		0 48	1 16	III $\frac{1}{2}$	18	6 43	11 35	12 0
Aug. 1.	V $\frac{1}{4}$	21		0 47	1 18	IV	19	6 31	11 16	11 44
11.	V $\frac{1}{2}$	22		0 53	1 25	IV $\frac{1}{2}$	21	6 19	10 57	11 29
21.	VI $\frac{1}{4}$	21		1 4	1 35	V $\frac{1}{4}$	22	6 7	10 42	11 14
Sept. 1.	VI $\frac{1}{2}$	19		1 32	1 50	V $\frac{1}{2}$	23	5 52	10 23	10 57
11.	IX $\frac{1}{4}$	17		2 2	2 21	V $\frac{3}{4}$	23	5 38	10 7	10 45
21.	IX $\frac{1}{2}$	14		2 2	2 21	V	23	5 28	9 50	10 28
Oct. 1.	X $\frac{1}{4}$	10		2 24	2 38	VI $\frac{1}{4}$	23	5 6	9 33	10 8
11.	X $\frac{1}{2}$	6		2 47	2 55	VI $\frac{1}{2}$	23	4 47	9 14	9 49
21.	XII	1		3 9	3 14	VI $\frac{3}{4}$	23	4 25	8 53	9 27
Nov. 1.	XIII	4		3 36	3 30	VII $\frac{1}{4}$	23	3 58	8 27	9 1
11.	XIII $\frac{1}{2}$	9		4 0	3 48	VII $\frac{1}{2}$	23	3 29	7 58	8 32
21.	XIV $\frac{1}{4}$	13		4 25	4 7	VII $\frac{3}{4}$	23	2 56	7 24	7 59
Dec. 1.	XV $\frac{1}{4}$	20		4 51	4 27	VIII $\frac{1}{4}$	24	2 17	6 47	7 13
11.	XV $\frac{1}{2}$	22		5 1	4 47	VIII $\frac{1}{2}$	24	1 32	6 14	6 31
21.	XVII	20		5 35	5 1	VIII $\frac{3}{4}$	25	0 42	5 0	5 39
31.	XVIII	23		6 2	5 27	VIII $\frac{1}{4}$	26	11 47	4 0	4 41

DATE.	JUPITER ♃					SATURN ♄				
	Right ascension.	Declination.	In Meridian.	North- ern states.	South- ern states.	Right ascension.	Declination.	In Meridian.	North- ern states.	South- ern states.
	Hour.	Degs.		Sets. H. M.	Sets. H. M.	Hour.	Degs.	H. M.	Rises. H. M.	Rises. H. M.
Jan. 1.	XVIII	23		10 24	5 56	IIII $\frac{1}{2}$	18	8 12	3 24	2 58
11.	XVIII	23		9 54	5 26	IIII $\frac{1}{2}$	18	7 25	2 38	2 9
21.	XVIII	23		9 22	4 56	IIII $\frac{1}{2}$	18	6 46	1 57	1 32
Feb. 1.	XVIII $\frac{1}{2}$	23		8 51	4 22	IIII $\frac{1}{2}$	18	6 3	1 36	1 49
11.	XVIII $\frac{1}{2}$	23		8 20	3 48	IIII $\frac{1}{2}$	18	5 21	0 59	0 31
21.	XVIII $\frac{1}{2}$	23		7 59	3 20	IIII $\frac{1}{2}$	18	4 47	11 59	11 33
Mch. 1.	XVIII $\frac{1}{2}$	23		7 24	2 54	IIII $\frac{1}{2}$	18	4 17	11 30	10 59
11.	XIX	23		6 52	2 23	IIII $\frac{1}{2}$	18	3 40	10 50	10 24
21.	XIX	23		6 18	1 49	IV	18	3 4	10 14	9 48
Apr. 1.	XIX $\frac{1}{4}$	22		5 39	1 8	IV	18	2 25	9 36	9 9
11.	XIX $\frac{1}{2}$	22		5 2	0 34	IV	19	1 50	9	8 35
21.	XIX $\frac{1}{2}$	22		4 28	11 57	IV	19	1 15	8 28	8 1
May 1.	XIX $\frac{1}{2}$	22		3 50	11 40	IV $\frac{1}{2}$	19	0 47	8 2	7 27
11.	XIX $\frac{1}{2}$	22		3 33	11 10	IV $\frac{1}{2}$	19	0 19	7 22	6 54
21.	XIX $\frac{1}{2}$	22		3 30	9 58	IV $\frac{1}{2}$	20	11 33	6 49	6 21
June 1.	XIX $\frac{1}{2}$	22		1 44	9 14	IV $\frac{1}{2}$	20	10 55	Rises	Rises.
11.	XIX $\frac{1}{2}$	22		1 1	8 31	IV $\frac{1}{2}$	20	10 21	3 2	4 7
21.	XIX $\frac{1}{2}$	23		0 17	7 47	IV $\frac{1}{2}$	20	9 47	2 27	3 32
July 1.	XIX $\frac{1}{2}$	23		11 32	7 2	IV $\frac{1}{2}$	20	9 13	10 53	2 58
11.	XVIII $\frac{1}{2}$	23		10 43	Sets.	IV $\frac{1}{2}$	21	8 39	1 48	2 24
21.	XVIII $\frac{1}{2}$	23		9 13	2 3	V $\frac{1}{4}$	21	7 26	1 43	1 13
Aug. 1.	XVIII $\frac{1}{2}$	23		8 10	1 42	V $\frac{1}{4}$	21	6 50	1 11	1 1
11.	XVIII $\frac{1}{2}$	23		7 45	0 59	V	21	6 14	10 55	11 59
21.	XVIII $\frac{1}{2}$	23		7 1	11 28	V	21	5 34	10 15	11 22
Sept. 1.	XVIII $\frac{1}{2}$	23		6 22	10 49	V	21	4 56	9 37	10 46
11.	XVIII $\frac{1}{2}$	23		5 44	10 9	V	21	4 18	8 59	10 8
21.	XVIII $\frac{1}{2}$	23		5 8	9 35	V $\frac{1}{4}$	21	3 39	8 20	9 30
Oct. 1.	XVIII $\frac{1}{2}$	23		4 32	9 3	V $\frac{1}{4}$	21	2 59	7 40	8 11
11.	XVIII $\frac{1}{2}$	23		3 58	8 26	V	21	2 19	7 0	7 31
21.	XIX	23		3 22	7 51	V	21	1 34	6 16	6 31
Nov. 1.	XIX	23		2 50	7 19	V	21	0 52	5 32	6 21
11.	XIX $\frac{1}{4}$	23		2 19	6 49	V	21	0 9	4 51	6 6
21.	XIX $\frac{1}{4}$	22		1 48	6 19	V	21	11 27	Sets.	Sets.
Dec. 1.	XIX $\frac{1}{4}$	22		1 18	5 48	IV $\frac{3}{4}$	21	10 40	6 5	5 34
11.	XIX $\frac{1}{4}$	22		0 48	5 20	IV $\frac{3}{4}$	21	9 57	5 21	4 51
21.	XIX $\frac{1}{4}$	21		0 18	4 54	IV $\frac{3}{4}$	21	9 14	4 39	4 9

NOTE—By the use of the Chart of the Heavens in connection with above table the reader can locate any of the above-named planets at any time. In the chart the right ascension is given in even hours by the roman numerals on the marginal circle and the parts of an hour can be easily estimated. The declination is given on the XIIth meridian from which it will be easy to estimate with the aid of the desired declination. Example: Venus on July 1 will be in R. A. III $\frac{1}{2}$ and 15°+, which will be just south of the Pleiades, 7 stars or seven sisters



[Copyright, 1909, by Berlin H. Wright, De Land, Fla.]

EXPLANATORY NOTE—The figure shows at a glance when all of the major planets are brightest and whether east of the sun (evening stars) or west of him and morning stars, at the time. It also shows the relative duration of visibility and brightness as to the superior planets, Mars, Jupiter and Saturn. With Venus, the light shaded portion simply is the approximate measure of duration and place of visibility and not of brilliancy, while of the others it (the light portion) shows both the duration and brilliancy. Thus, Jupiter will be brightest the 5th of July, and then will shine equally in the morning and evening; the last of December he will decrease almost to invisibility. It will be seen that Mars does not attain his maximum degree of brilliancy within the year. Venus, being an inferior planet, between the earth and

sun, can never be seen opposite the sun, as in the case of the others on the chart, nor is she at her greatest brilliancy when farthest (in angular distance) from the sun, as shown.

From this it will be seen that the light portions represent the comparative angular distance of the planets from the sun. Then each of the twelve spaces will be one hour spaces of 15° each, when the day and night are equal, and more when the night is more than twelve hours' duration.

Of course the chart can only show an approximation as to the boundaries of the light portion. It will, however, prove a valuable aid to the average person who is not an astronomer in understanding the movements of the planets and definitely settling the question of what constitutes evening and morning stars.

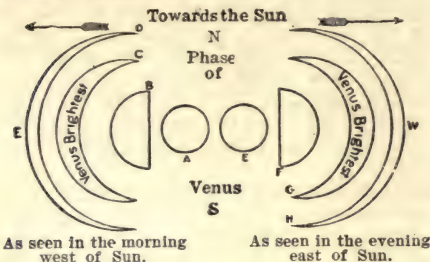
ITINERARY AND CONJUNCTIONS OF THE PLANETS.

MERCURY (♿), when brightest as a morning star, Jan. 1-3, will be in ♍ with the bright red Antares about 15° above or west of him and in ♊ with ♄ Jan. 9, ♄ being the one farthest south, and Dec. 5-10 in ♎ being at greatest angular distance (21°) west of ♄ Dec. 10 and 1° 35' north of ♄ Dec. 2. When brightest as an evening star, March 2-7, he will be near the prime meridian of the heavens and on the ecliptic circle or earth's path and sun's apparent path, and pointed at 15° north by the two bright stars which form the east side of the square of Pegasus, being at greatest angular distance (18°) east of ♄ March 11, and Nov. 5-10 in ♈ about 10° north of Antares. The most favorable time of the year for seeing him will be from Feb. 25 to March 10. When brightest

he will rise about one hour fifteen minutes before the ♄ when a morning star and set about one hour and twenty minutes after the ♄ when an evening star. At such times he cannot easily be mistaken for a star because of his heavy steady red light. Mercury passes through all the phases of the moon, the same as Venus, in the course of a revolution about the ♄ but because of his nearness to the ♄ they cannot be well observed as in the case of ♄. See figure under Venus. He will appear nearly as in the half-moon phase as at B or F in the following figure.

VENUS (♀) will be one of the most attractive celestial objects throughout almost the entire year, being at her very brightest aspect the evenings of the latter part of March and in the mornings of

May and June (see "Planets Brightest," etc., and table of rising and setting of the planets, also the chart "Visibility of the Planets"). Both ♀ and ♂ will cast a shadow when brightest in the absence of the Moon. Those possessed of small telescopes or good field glasses will find much pleasure in watching her as she passes through all of the phases shown in the annexed cut, and increases or decreases in apparent size as she decreases or increases her distance from the earth, as shown at A or E and D or H.



As seen in the morning
west of Sun.

As seen in the evening
east of Sun.

Explanation:

- A—About fifteen days before superior ♂ with ☉ or latter part of December, 1913.
- B—At greatest elongation west of ☉ July 3, 1913.
- C—When brightest as a morning star, May 25 to June 5, 1913.
- D—Just after inferior ♂ with the ☉ or about May 1, 1913.
- E—About fifteen days after superior ♂ with ☉ or about February 23, 1914.
- F—At greatest elongation east of ☉ February 12, 1913.
- G—When brightest as an evening star about March 15-25, 1913.
- H—Just before inferior ♂ with ☉ April 15 to 20, 1913.

At the beginning of the year ♀ will be in eastern ♉ (sign =) as an evening star and nearly midway between Fomalhaut 15° to the S. and the A in = 15° north and about 15° west of the line joining them. She passes the prime meridian of the heavens in her eastward course past the stars Feb. 2-3, and at greatest elongation (46° 43') east of ☉ Feb. 12. March 5-8 she will pass the boundary line between the constellations ♋ and ♊ and will be just south of the three brightest stars of ♊ in the Head of the Ram. She continues to advance eastward but more and more slowly until Feb. 3, when she becomes stationary in ♊ 35° west of the Pleiades and Hyades, having passed her point of maximum brilliancy March 19. After remaining apparently stationary for a few days she will begin to move slowly back westward past the stars (Retrograde) with increasing speed, passing the sun April 24, becoming a morning star, until the middle of May, when she will again come to a halt in ♊ and then soon again assume her forward eastward march past the stars, reaching the vicinity of the Pleiades and Hyades the latter part of June and the first of July when at greatest angular distance west of the ☉, passing about midway between those splendid asterisms, and the last of July she will be in ♋ about midway between Capella on the north and the Belt of Orion on the south. The latter part of August she will be in ♋ with the brilliant stars Castor and Pollux north of her and Procyon, in Canis Major south, with the great sun Sirius still farther south. She will enter the constellation ☉ the first of September and pass just to the south of the great cluster of dim stars known as Praesepe, reaching the beautiful Regulus in ♈ at the end of the Handle of the Sickle about the 25th, and the boundary line between ☉ and ♈ the last of September; crosses the equinoctial colure at the point of intersection of the celestial equator and ecliptic Oct. 20, entering the constellation ♏, reaching Spica Virginis about Nov. 5; enters ♏ about Nov. 8 when very close to

the bright star Beta Scorpii, the middle star of the three in the Head of the Scorpion; reaches a point about 5° north of Antares the middle of December and at the close of the year she will be entering the constellation ♏ and be very close to the ☉.

The following are her conjunctions: With the ☉, Jan. 11, Feb. 10, March 11 and April 8; with the ☉, Inferior, April 24. Then on the other side of the sun, in the morning May 4, June 1 and 30, with ♀ July 21, ♀ being 1° 18' south; with the ☉ again July 30, Aug. 23 and with ♀ Aug. 29, ♀ being 18° south of ☉ with the ☉ Sept. 27, Oct. 27, Nov. 26 and Dec. 26. Her ♂ with ☉ Dec. 2 was mentioned at the beginning of this sketch.

MARS (♂) begins the year in east ♏; advancing past the stars, he passes into ♏ on the 10th and on the 15th will be close to the star in the end of the Handle of the Milkmaid's Dipper and passes just north of the bottom of the Bowl of said Dipper, which is bottom up, Jan. 20-25. He enters ♂ Feb. 20-25, when he will be about 5° south of the group of three stars which mark the Head of the Goat, and the only conspicuous stars in that constellation. Still farther (25°) north the observer will quickly catch the neat diamond-shaped asterism known as Job's Coffin, in the Dolphin, and the trio of bright stars of Aquila, the Eagle, with Altair, the lucida, midway between, while farther to the north is Lyra, the Harp, which has Vega as its lucida or brightest star, and the Great Cross with Deneb at its head and its long arm in the Milky Way. From the middle of April to May 10 he will be passing 15° below or south of the Great Square of Pegasus, crossing the prime meridian of the heavens on the 7th of April and entering the constellation ♏ formerly sign ♏ enters the constellation ♏ the middle of June; reaches the Pleiades or 7-Stars July 20-25, passing about 5° south of them, and toward the end of July will be on a line joining Aldebaran in the Hyades and the Pleiades. By the end of August he will be about midway between Capella on the north and the "Eel and Yard" or Orion's Belt, on the south and in the midst of the most beautiful stars of the heavens. He will cross the line between ♋ and ♌ the middle of September and arrive at western ☉ Oct. 2. By the last of October he will be between Castor and Pollux on the north and Procyon, in the lesser dog (Canis Minor) on the south, near which point he becomes stationary the latter part of November, after which he retrogrades or moves back westward up to the close of the year, when he will be nearly at his brightest and an "all-night" star. See chart.

His conjunctions will be as follows: With the ☉ Jan. 5, Feb. 3, March 4, April 2, May 2 and 31, June 29, July 23, Aug. 26, Sept. 23, Oct. 21, Nov. 18 and Dec. 15; with ♀ Jan. 9, 16° south; ♀ Jan. 13, 47° south; ♀ Feb. 25, 26° south; ♀ Aug. 24, 1° 9' north; at west. ☉ or 90° west of ☉ Oct. 2.

JUPITER (♃) will be found on the boundary line between ♏ and ♏ at the beginning of the year and will be very dim because of the near by sun. The middle of February he will be just above (north) of the bottom of the Milkmaid's Dipper in ♏. His apparent motion among the stars is at no time rapid enough to make it interesting to follow his course past them, but he reaches his stationary point in his orbit where his direction of motion is in line with our line of vision about the first of May, having past his western ☉ April 6. Then he majestically swings back almost to where he was at the beginning of the year by September, and then advances the balance of the year, being then in line with Deneb at the head of the Great Northern Cross and Altair the central star and brightest of the three conspicuous stars in a line in Aquila, the Eagle. His conjunctions will be as follows: With the ☉ Jan. 5, Feb. 2, March 2 and 29, April 26, May 23, June 19, July 16, Aug. 12, Sept. 9, Oct. 6 and Nov. 3 and 30, in all of which the ☉ will pass about 5° south of ♃; ♃ ☉ July 15, when he will be 180° from the ☉, rising at sunset.

SATURN (♄) at the first of the year is slowly retrograding in ♏ or that part of the constellational figure ♏ which represents the shoulder of

the Bull, and which lies within the astronomical limits of the constellation Aries, being about 5° south of the Pleiades. About Feb. 1 he will begin to advance and April 1 will be in on the line joining Aldebaran, in the Hyades, and Alcyone, the lucida of the Pleiades, when he will be very dim because of his nearness to the sun, being in ♉ with the ☿ May 29, and will be practically invisible for a month before and after that date. When next nicely visible he will be considerably to the eastward and by Sept. 10, when at western ☿ he will be almost in line between Elath and Aldebaran (see chart) and will vary but slightly from that position during the remainder of the year.

His conjunctions will be as follows: With the ☿ Jan. 18, Feb. 14, March 13, April 10 and May 7, in all of which he will be about 6° south of the ☿; also July 1 and 29, Aug. 26, Sept. 22, Oct. 19, Nov. 15 and Dec. 12, in all of which the ☿ will pass about 6° north of ♉. He will be at western ☿ Sept. 10 and ♉ Dec. 7, when he will set at sunrise (see chart and table).

URANUS (♅) may be found near the middle of ♉, but with no bright star near by to aid in his identification. He will be at ♉ to ☿, rising near sunset and brightest in July and August. A south-west diagonal through the square of Pegasus, produced somewhat more than twice as far again, will serve to locate him approximately, where he will appear as a dim star, in the absence of any considerable amount of moonlight.

NEPTUNE (♆) may be found in ♋ when brightest in January a little west of an extension of a line joining Castor and Pollux and about 10° south of the latter, being near the center of a small square of dim stars. Only in the entire absence of the ☿ and with the aid of a good glass can this the outermost of our system be seen.

All of these planets with our sun, the earth, satellites, asteroids (about 700) and comets, constituting this system of worlds, have a common orbital motion toward the constellation Lyra, near Vega (see Chart of the Heavens), which point is known as the "Apex of the Heavens."

SITUATION OF THE PLANETS AND MOON'S POSITION FOR THE YEAR.

	Jan.	Feb.	Mch.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.	D. Con.
Venus.....	5 ☿	2 ♉	2 ♋	6 ♊	4 ♋	1 ♋	6 ♊	3 ♋	7 ♋	5 ♋	2 ♊	7 ♋
Mars.....	12 ♉	9 ♋	9 ♋	13 ♋	11 ♋	8 ♋	13 ♋	10 ♋	14 ♋	12 ♋	9 ♋	14 ♋
Jupiter.....	19 ♉	16 ♋	16 ♋	20 ♋	18 ♋	15 ♋	20 ♋	17 ♋	21 ♋	19 ♋	16 ♋	21 ♋
Saturn.....	26 ♉	23 ♋	23 ♋	27 ♋	25 ♋	22 ♋	27 ♋	24 ♋	28 ♋	26 ♋	23 ♋	28 ♋
☿ Apogee.....	10	7	6	2-30	28	24	22	19	15	12	9	6
☿ Perigee.....	23	20	21	18	15	10	6	3-31	29	27	25	21
☿ Lowest (♁).....	5	1-23	28	24	22	17*	15	11	7	5	1-29	26
☿ Highest (♁).....	19	16	15	11	9	5	2-29	26	22	20	16	13†
☿ at ♈.....	11	10	8	5	2-30	26	23	19	15	12	9	6
☿ at ♉.....	26	23	22	19	16	12	9	5	1-29	26	22	19
☿ on Equator.....	12	9	8	4	2-15	11	9	5	1-15	12	9	6
	26	22	22	18	29	25	23	19	29	26	22	20

*Lowest of the year—57° lower than when full in December. †Highest of the year—57° higher than when full in June.

Explanation of signs: ♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer, ♌ Leo, ♍ Virgo, ♎ Libra, ♏ Scorpio, ♐ Sagittarius, ♑ Capricornus, ♒ Aquarius, ♓ Pisces. The place indicated for the planets is for the 1st, 2d, 3d, 4th and 5th Sundays of each month, in the order of the planets. The other signs used are as follows: ☿, conjunction or near approach; ♁ opposition or 180° from the Sun; ☐ quadrature or 90° from the Sun; ☿ Sun; ☿, Earth; ♁, Mercury; ♋, Venus; ♊, Mars; 2, Jupiter; ♉, Saturn; ♋, Uranus; ♌, Neptune; ♍, Ascending Node; ♎, Descending Node; ♏, Moon; generally.

VALUE OF FLORIST AND NURSERY PRODUCTS.

According to statistics gathered by the bureau of the census there were in the United States in 1909 10,614 florist establishments reporting products valued at \$51,572,000, as compared with 8,797 establishments and products valued at \$18,759,000 in 1899.

In 1909 there were 5,582 nursery establishments with products aggregating in value \$21,051,000. This was an increase of 591 establishments and \$10,927,000 in products over 1899. The ten leading states in the value of florist products in 1909 were:

New York.....	\$5,149,000	Ohio.....	2,385,000
Pennsylvania.....	3,803,000	California.....	1,389,000
Illinois.....	3,695,000	Indiana.....	1,213,000
New Jersey.....	2,858,000	Michigan.....	1,144,000
Massachusetts.....	2,455,000	Iowa.....	657,000

The ten leading states in nursery products were:

New York.....	\$2,751,000	Minnesota.....	863,000
California.....	2,213,000	Ohio.....	860,000
Texas.....	1,253,000	Iowa.....	846,000
Kansas.....	945,000	Illinois.....	822,000
Pennsylvania.....	923,000	Oregon.....	783,000

ROMAN AND GREEK GODS AND GODDESSES.

Roman.	Greek.	Divinity of.
Apollo.....	Apollon.....	The sun.
Aurora.....	Eos.....	The dawn.
Eolus.....	Eolus.....	The winds.
Bacchus.....	Dionysus.....	Wine.
Bellona.....	Enyo.....	War.
Ceres.....	Demeter.....	Harvest.
Cupid.....	Eros.....	Love.
Cybele.....	Rhea.....	Nature.
Diana.....	Artemis.....	The chase.
Juno.....	Hera.....	Heaven.
Jupiter.....	Zeus.....	Heaven.
Mars.....	Ares.....	War.
Mercury.....	Hermes.....	Commerce.
Minerva.....	Athena.....	Wisdom.
Neptune.....	Poseidon.....	Sea.
Pluto.....	Hades.....	Lower world.
Saturn.....	Kronos.....	Agriculture.
Venus.....	Aphrodite.....	Love.
Vesta.....	Hestia.....	Purity.
Vulcan.....	Hephestus.....	Fire.

THEATER DISASTER IN VILLAREAL, SPAIN.

Through the explosion of a cinematograph machine at a theater in Villareal, Spain, May 27, 1912, eighty persons were killed and 100 persons injured, many fatally. In the fire following the

explosion nearly every person in the assemblage was either killed or seriously hurt. Practically every family in the little town, which is near Castellon de la Plana, was affected by the disaster.

NUMBER OF THE STARS.

According to the best astronomers the number of stars that can be seen by a person of average eyesight is only about 7,000. The number visible

through the telescope has been estimated by J. E. Gore at 70,000,000 and by Profs. Newcomb and Young at 100,000,000.

ECLIPSES IN 1913.

There will be five eclipses this year, three of the sun and two of the moon, as follows:

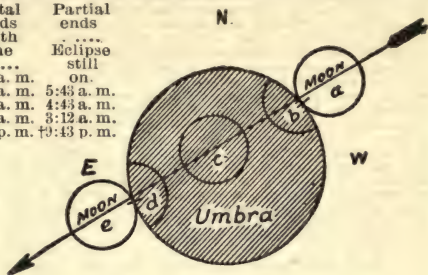
I. Total of the moon March 22, partially visible in the United States, the moon setting with the eclipse on in the eastern states and Canada, visible in standards of time as follows:

	Partial begins	Total begins	Middle Moon Sets	Total ends with the Eclipse still on	Partial ends
Inter-Colonial.....	6:13 a. m.	6:11 a. m.	.....	.....	.....
Eastern.....	5:13 a. m.	6:11 a. m.	5:58 a. m.	.....	.....
Central.....	4:13 a. m.	5:11 a. m.	4:58 a. m.	5:44 a. m.	.....
Mountain.....	3:13 a. m.	4:11 a. m.	3:58 a. m.	4:44 a. m.	5:43 a. m.
Pacific.....	2:13 a. m.	3:11 a. m.	2:58 a. m.	3:44 a. m.	4:43 a. m.
Alaskan.....	1:12 a. m.	2:11 a. m.	2:58 a. m.	3:44 a. m.	4:43 a. m.
Hawaiian.....	11:42 p. m.*	0:40 a. m.	1:27 a. m.	2:13 a. m.	3:12 a. m.
Phil. Island.....	Invis.	7:11 p. m.	7:58 p. m.	8:43 p. m.	9:43 p. m.

*21st. †23d. Size 18.9 digits or nearly 7 digits more than total as shown in the cut.

The next recurrence of this eclipse will be April 2, 1931, when it will be total again.

II. Partial of the sun April 6, on the northern limb. Visible on the Pacific coast of the United States as far south as latitude 36°. The eastern boundary line of the area of visibility extends from near Carson City, Nev., to a point just east of Boise, Idaho, through Choteau, Mont., to Medicine Hat, Assiniboine, Canada, east of which line no part of this eclipse will be visible. Greatest size, about 5 digits, in the north Pacific. Visible



Eclipse of the moon March 22.

in North America as follows:

	Begins.	Ends.	Size.
San Francisco.....	8:45 a. m.	9:05 a. m.	0.5 digits
Portland, Ore.	8:45 a. m.	9:30 a. m.	0.7 digits
Salem, Ore.	7:50 a. m.	9:15 a. m.	3.0 digits
Sitka, Alaska.....	8:40 a. m.	9:50 a. m.	0.9 digits
Vancouver, Canada.....	.....	.....	.....

This eclipse will recur April 27, 1931, when it will be partial also, but larger. Visible as a very small eclipse in the northern part of the Hawaiian islands.

III. Partial of the sun Aug. 31, invisible in the United States; visible in Labrador and Newfoundland.

This eclipse is dying out and on Sept. 11, 1931, will recur, but much smaller and near the north polar region. Its series began at the south pole and will pass off or close at the north pole.

IV. Total of the moon Sept. 15 invisible in the extreme eastern United States, the moon setting as the eclipse begins. Entirely visible in Alaska and the Pacific and setting more or less eclipsed in the middle and western states.

V. Partial of the sun Sept. 30, visible in the Indian ocean and south polar region, where this eclipse is beginning its history of something like 1,000 years, recurring next Oct. 10, 1931.



Partial eclipse of the sun April 6.

TO OBTAIN CORRECT TIME BY THE SUN, MOON, PLANETS OR STARS.

Table I.—Begin to watch plumb line for "A" to appear vertically below Polaris:

	About.	On line.
July 20, 3 a. m.	5:30 a. m.	.....
Aug. 20, 3 a. m.	3:28 a. m.	.....
Sept. 20, 1 a. m.	1:26 a. m.	.....
Oct. 20, 11 p. m.	11:24 p. m.	.....
Nov. 20, 9 p. m.	9:22 p. m.	.....
Dec. 20, 7 p. m.	7:24 p. m.	.....

DIRECTIONS.—When a plumb line matches with "A" or "B" the pole star is approaching the meridian and the true local mean time then is the time in column "On line." Interpolate for intermediate days, subtracting 4 minutes for each day after or adding 4 minutes for each day before any given date.

EXAMPLE.—July 25 begin to watch plumb line about 4:40 a. m., and Polaris will be exactly in line at 5:10 a. m., correct mean local time. To change this into local standard time add 4 minutes for each degree west of the time meridian and subtract same for stations east of the meridian. Thus at Yakutat, Alaska, being 5° degrees west of the 135th standard meridian, 20 minutes must be added to the observed time for standard time, and at Jacksonville, Fla. (8° 15' east of 90th meridian), 33 minutes must be subtracted for central standard time.

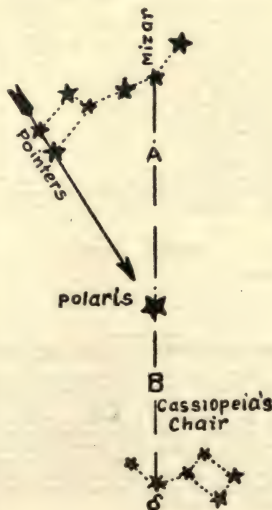
Table II.—Begin to watch plumb line for "B" to appear vertically below Polaris:

	About.	On line.
Jan. 20, 5 a. m.	5:22 a. m.	.....
Feb. 20, 3 a. m.	3:20 a. m.	.....
Mar. 20, 1 a. m.	1:30 a. m.	.....
April 20, 11 p. m.	11:24 p. m.	.....
May 20, 9 p. m.	9:26 p. m.	.....
June 20, 7 p. m.	7:24 p. m.	.....

A light placed back of the head will aid in seeing the plumb lines, which may be hung in a convenient window, and let the bob hang in a dish of water to prevent the wind from disturbing the line, or the observation may be made with closed window.

If a noon mark is desired use two plumb lines and connect them by a row of tacks driven in the porch floor in the range of a pillar, post or window casing that will cast a shadow and apply the "equation of time," or "sun fast or slow," or set time piece as directed in "sun at noon mark," or by meridian passage of moon, planets or stars, using an additional perpendicular on the noon mark to get the range by.

The above is only applicable between latitudes 30°+ and 60°+ because of the low altitude of pole in the first and high in the last.



THE SIGNS AND CONSTELLATIONS OF THE ZODIAC.

Until recently it was taken for granted that the present relationship between signs and constellations of the zodiac was generally understood, as all astronomical textbooks mention their disagreement and explain the cause. The numerous letters of inquiry concerning differences between the data in this almanac and certain others show the necessity for this note of explanation.

Thousands of years ago when the zodiac, that belt of the heavens about 16° in width within which move the moon and planets, was formed and divided into twelve parts or seasons called signs, each containing certain star groups called constellations; each was given the name of an object or animal which never did bear any relationship to the configuration of the stars in that group or division, but which did or is supposed to have reference to certain astronomical or other facts. Thus Libra, ♎, the scales or balance, comes at the autumnal equinox when there is an equilibrium or balance between the length of day and night the world over. Aquarius, ♒, the water-bearer, and whose sign is the Egyptian sign for running water, comes at the season of greatest rains in Egypt, and so on.

Since the time when these divisions were made and named, owing to the precession of the equinoxes, resulting from the differing polar and equatorial diameters of the earth, the signs have moved back west nearly a whole division or constellation and where ♈ was the first, ♊ now is. Hence, though the sun now enters the sign ♈ March 20, it is a month later when he enters the constellation ♈. It must be apparent, therefore, that any supposed influence or relationship which early astrologers attributed to the position of the sun, moon or planets when in certain of these divisions can no longer exist, as the sign now only represents that space or division of the zodiac where the controlling constellation was 2,000 or more years ago, but is not now. Nevertheless some almanacs still give the signs for the moon's

place, which is very misleading to those who attempt to follow her in her course among the stars. Hence, this almanac gives the constellation and discards the ancient picture of the disemboweled man as relics of the age of superstition. The sign is retained for sun's place in connection with the seasons and sun's path through the zodiac each month because of its relationship to the equinoxes and solstices.

HARVEST MOON AND HUNTER'S MOON.

The full moon in September that falls near the autumnal equinox (Sept. 23) is called the harvest moon. Because at that time it is in that part of its orbit where it makes the smallest angle with the horizon it appears to rise at nearly the same hour for several nights in succession, thus giving an unusual number of moonlight evenings. The same thing occurs to a slightly less degree at the time of the first full moon after the equinox, when it is called the hunter's moon. "It is true," says Prof. George C. Comstock in his "Text-Book of Astronomy," "that on the average the moon rises and sets fifty-one minutes later each day than on the day before. But there is a good deal of irregularity in the retardation of the time of moonrise and moonset, since the time of rising depends largely upon the particular point of the horizon at which the moon appears, and between two days this point may change so much as to make the retardation considerably greater or less than its average value. In northern latitudes this effect is particularly marked in the month of September, when the eastern horizon is nearly parallel with the moon's apparent path in the sky, and near the time of full moon in that month the moon rises on several successive nights at nearly the same hour, and in a less degree the same is true for October. This highly convenient arrangement of moonlight has caused the full moons of these two months to be christened respectively the harvest moon and the hunter's moon."

FIXED AND MOVABLE FEASTS, CHURCH DAYS AND ANNIVERSARIES, 1913.

New Year's day (circum.).....Jan. 1	Low Sunday.....March 30	Exaltation of Holy Cross.....Sept. 14
Epiphany.....Jan. 6	First day Jewish Passover.....April 22	St. Matthew.....Sept. 21
Lee's birthday.....Jan. 19	St. George.....April 23	Michaelmas.....Sept. 29
Septuagesima Sunday.....Jan. 19	St. Mark.....April 25	Hebrew New Year.....Oct. 1-2
Conversion of St. Paul.....Jan. 25	Rogation Sunday.....April 27	Day of Atonement (Yom-Kippoor).....Oct. 11
Sexagesima Sunday.....Jan. 26	Ascension (Holy Thursday).....May 1	First day Tabernacles (Heb.).....Oct. 16
Purification B. V. M.....Feb. 2	Philip and James.....May 1	St. Luke.....Oct. 18
Quinquagesima Sunday.....Feb. 2	Pentecost (Whitsunday).....May 11	Michaelmas.....Oct. 18
Shrove Tuesday.....Feb. 4	Trinity Sunday.....May 18	Saints Simon and Jude.....Oct. 28
Ash Wed. (Lent begins).....Feb. 5	Corpus Christi.....May 22	Halloween.....Oct. 31
Quadragesima Sunday.....Feb. 5	St. Barnabas.....June 11	All Saints' day.....Nov. 1
(first in Lent).....Feb. 9	First day Heb. Pentecost.....June 11	All Souls' day.....Nov. 2
Lincoln's birthday.....Feb. 12	Nativity John the Baptist.....June 24	Thanksgiving.....Nov. 27
St. Valentine.....Feb. 14	Saints Peter and Paul.....June 29	St. Andrew.....Nov. 30
Washington's birthday.....Feb. 22	Independence day.....July 4	Advent Sunday.....Nov. 30
Mid-Lent Sunday.....March 2	Hebrew Fast of Tammuz.....July 22	Feast of immaculate Conception.....Dec. 8
Passion Sunday.....March 3	Mary Magdalen.....July 22	St. Thomas.....Dec. 21
Palm Sunday.....March 16	St. James.....July 25	Christmas day.....Dec. 25
St. Patrick's day.....March 17	Transfiguration.....Aug. 6	St. Stephen.....Dec. 26
Good Friday.....March 21	Feast of Assumpt'n B.V.M.....Aug. 15	St. John the Evangelist.....Dec. 27
Easter Sunday.....March 23	St. Bartholomew.....Aug. 24	
Annunciation (Lady day).....March 25		

EMBER DAYS.

Wednesday, Friday and Saturday } after { 1st Sunday in Lent.....February 12, 14 and 15	
	Pentecost.....May 1, 16 and 17
	September 14.....September 17, 19 and 20
	December 13.....December 17, 19 and 20

DEATH OF SIR JOSEPH LISTER, SURGEON.

Joseph Lister, first Baron Lister, better known under his previous title of Sir Joseph Lister, the famous surgeon, died in London, England, Feb. 11, 1912. He was born April 25, 1827, and received his medical education at University college, London, and at Syme's clinic, Edinburgh. It was while acting as surgeon at the Royal Infirmary in Glasgow that he made his great discoveries in the use of antiseptics which greatly diminished the mortality from erysipelas, septicæmia, pyæmia,

tetanus and hospital gangrene following surgical operations. With the Pasteur germ theory as a basis, Lister concluded that "putrefaction" in wounds was caused by microbes introduced from the outside and that if these microbes could be destroyed putrefaction might be prevented. The germicides which he discovered and the precautions he advised in keeping germs from entering the wounds wrought a revolution in hospital practice.

TIME AND STANDARDS OF TIME.

Various kinds of time are in use in this country: 1. Astronomical Time or Mean Solar Time—This is reckoned from noon through the twenty-four hours of the day and is used mainly by astronomical observatories and in official astronomical publications. It is the legal time of the Dominion of Canada, though "standard" and "mean" time are in general use there as in this country.

2. Mean Local Time—This is the kind that was in almost universal use prior to the introduction of standard time. This time was based upon the time when the mean sun crosses the meridian and the day begins at midnight. When divided into civil divisions—years, months, weeks, days, etc.—it is sometimes called civil time.

3. Standard Time—For the convenience of the railroads and business in general a standard of time was established by mutual agreement in 1883 and by this calculation trains are now run and local time is regulated. By this system the United States, extending from 65° to 125° west longitude, is divided into four time sections, each of 15° of longitude, exactly equivalent to one hour (7½ or 30m. on each side of a meridian), commencing with the 75th meridian. The first or eastern section includes all territory between the Atlantic coast and an irregular line drawn from Buffalo to Charleston, S. C., the latter city being its southernmost point.

The second or central section includes all the territory between this eastern line and another irregular line extending from Bismarck, N. D., to the mouth of the Rio Grande. The third or mountain section includes all the territory between the last named line and nearly the western borders of Idaho, Nevada and Arizona. The fourth or Pacific section includes all the territory of the United States between the boundary of the mountain section and the Pacific coast. Inside of each of these sections standard time is uniform and the time of each section differs from that next to it by exactly one hour, as shown on the map.

*Owing to the eccentricity of the earth's orbit and the inclination of the equator to the ecliptic, the apparent motion of the sun is retarded or accelerated according to the earth's place in its orbit. Hence, to take the actual sun as a guide would necessitate years, days and their subdivisions of unequal length. Therefore an imaginary or "mean sun" was invented. The difference between apparent and mean time is called the "equation of time" and may amount to a quarter of an hour in twenty-four hours. It is the difference between the figures in "Sun at noon mark" column in calendar and twelve hours. The figures on a correct sun dial give the apparent time.

STANDARDS OF TIME.

The following is the table of times, based upon the meridians used by the United States and Canada:

NAME OF TIME.	Degrees.	Central meridian from Greenwich.	Nearest place.
Intercolonial or Atlantic.....	60	4 hours west.....	About 3½ degrees east of Halifax, N.S.
Eastern.....	75	5 hours west.....	Between New York and Philadelphia
Central.....	90	6 hours west.....	St. Louis and New Orleans.
Mountain.....	105	7 hours west.....	Denver, Col.
Pacific.....	120	8 hours west.....	1½ degrees east of Sacramento, Cal.
Sitka.....	135	9 hours west.....	¼ degree east of Sitka, Alaska.
Tahiti.....	150	10 hours west.....	¼ degree west of the island of Tahiti
Hawaiian.....	157½	10 hrs. 31 min. west.	Near center of Moikail.

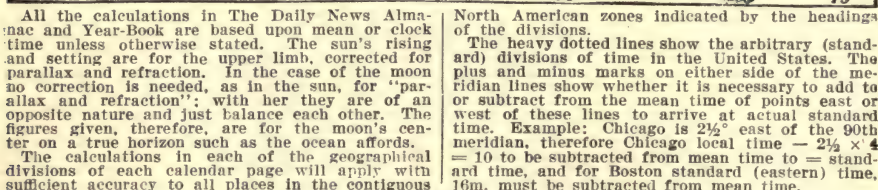
It is obvious that to express the time of rising and setting of the sun and moon in standard time would limit the usefulness of such data to the single point or place for which it was computed, while in mean time it is practically correct for places as widely separated as the width of the

continent (see note at bottom of February calendar), and persons having obtained the mean time by the rising or setting of the sun or moon may easily ascertain the correct standard time of any event by making use of the following table and map:

STANDARD TIME TABLE.

To obtain standard time, add or subtract the figures given to local time.

Standard Correction or division. Min.	Standard Correction or division. Min.	Standard Correction or division. Min.
City.	City.	City.
Albany, N. Y.—Eastern.....Sub. 5	Harrisburg, Pa.—Eastern.....Add 7	Pensacola, Fla.—Central.....Sub. 11
Austin, Texas—Central.....Add 31	Houston, Tex.—Central.....Add 21	Philadelphia, Pa.—East.....Add 1
Baltimore, Md.—Eastern.....Add 6	Huntsville, Ala.—Cent.....Sub. 12	Pittsburg, Pa.—Eastern.....Add 20
Baton Rouge, La.—Cent.....Add 4	Indianapolis, Ind.—Cent.....Sub. 16	Portland, Me.—Eastern.....Sub. 19
Bismarck, N. D.—Cent.....Add 43	Jackson, Miss.—Central.....Add 1	Providence, R. I.—East.....Sub. 14
Boston, Mass.—Eastern.....Sub. 16	Jacksonville, Fla.—Cent.....Sub. 33	Quincy, Ill.—Central.....Add 6
Buffalo, N. Y.—Eastern.....Add 16	Janesville, Wis.—Cent.....Sub. 4	Raleigh, N. C.—Eastern.....Add 15
Cairo, Ill.—Central.....Add 5	Jefferson City, Mo.—Cent.....Add 9	Richmond, Va.—Eastern.....Add 10
Chicago, Ill.—Central.....Sub. 10	Kansas City, Mo.—Cent.....Add 19	Rochester, N. Y.—East.....Add 11
Cincinnati, O.—Central.....Sub. 22	Keokuk, Iowa—Central.....Add 6	Rock Island, Ill.—Cent.....Add 8
Cleveland, O.—Central.....Sub. 33	Knoxville, Tenn.—Cent.....Sub. 24	S. Francisco, Cal.—Pac.....Add 10
Columbia, S. C.—Eastern.....Add 24	LaCrosse, Wis.—Central.....Add 5	Santa Fe, N.M.—Mountain.....Add 4
Columbus, O.—Central.....Sub. 28	Lawrence, Kas.—Central.....Add 21	Savannah, Ga.—Central.....Sub. 36
Dayton, O.—Central.....Sub. 23	Lexington, Ky.—Central.....Sub. 23	Shreveport, La.—Central.....Add 15
Denver, Col.—Mountain.....Add 0	Little Rock, Ark.—Cent.....Add 9	Springfield, Ill.—Central.....Sub. 2
Des Moines, Ia.—Central.....Add 14	Louisville, Ky.—Central.....Sub. 18	St. Joseph, Mo.—Cent.....Add 19
Detroit, Mich.—Central.....Sub. 28	Lynchburg, Va.—Eastern.....Add 17	St. Louis, Mo.—Central.....Add 1
Dubuque, Iowa—Central.....Add 3	Memphis, Tenn.—Cent.....Sub. 0	St. Paul, Minn.—Cent.....Add 12
Duluth, Minn.—Central.....Add 6	Milwaukee, Wis.—Cent.....Sub. 8	Superior City, Wis.—Cent.....Add 5
Erie, Pa.—Central.....Sub. 39	Mobile, Ala.—Central.....Sub. 8	Syracuse, N. Y.—East.....Add 5
Evansville, Ind.—Central.....Sub. 10	Montgomery, Ala.—Cent.....Sub. 15	Toledo, O.—Central.....Sub. 20
Ft. Gibson, Ch. N.—Cent.....Add 21	Nashville, Tenn.—Cent.....Sub. 13	Trenton, N. J.—Eastern.....Sub. 1
Fort Smith, Ark.—Cent.....Add 19	N. Haven, Conn.—East.....Sub. 8	Utica, N. Y.—Eastern.....Add 1
Fort Wayne, Ind.—Cent.....Sub. 20	New Orleans, La.—Cent.....Add 0	Washington, D. C.—East.....Add 8
Galena, Ill.—Central.....Add 2	New York, N. Y.—East.....Sub. 4	Wheeling, W. Va.—East.....Add 23
Galveston, Tex.—Central.....Add 19	Norfolk, Va.—Eastern.....Add 5	Wilmington, Del.—East.....Add 2
Gr. Haven, Mich.—Cent.....Sub. 15	Ogdensburg, N. Y.—East.....Add 2	Wilmington, N. C.—East.....Add 13
	Omaha, Neb.—Central.....Add 24	Yankton, S. D.—Central.....Add 29



	Central meridian.	Fast or slow on Greenwich.		Central meridian.	Fast or slow on Greenwich.
	Degrees.	H. M.		Degrees.	H. M.
Japan.....	135 east	0 00 fast	West Australia.....	120 east	8 00 fast
Spain.....	0 00	0 00	South Australia.....	145 east	9 30 fast
Argentina.....	64 west	3 51 38 slow	New Zealand.....	173½ east	11 30 fast
Ecuador.....	81 west	5 24 15 slow	Victoria.....		
Natal.....	30 east	2 00 fast	New South Wales.....	150 east	10 00 fast
Cape Colony.....	23½ east	1 30 fast	Queensland.....		
Madagascar.....	40 east	2 00 fast	Tasmania.....	30 east	2 00 fast
Egypt.....	30 east	2 00 fast	Eastern Europe.....		

CALENDAR FOR 1914.

	S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S																												
JAN...	..	..	..	..	..	1	2	3	APRIL	..	..	1	2	3	4	JULY...	..	..	1	2	3	4	OCT....	..	..	1	2	3	4	5	6	7	8																										
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FEB...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAR...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAY...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JUNE...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JULY...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AUG...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SEPT...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OCT....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NOV...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DEC...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

MONEY AND FINANCE.

WORLD'S PRODUCTION OF GOLD AND SILVER IN 1910.

[From report of the director of the mint. Figures are for the calendar year.]

Country.	Gold.	Silver.	Country.	Gold.	Silver.	Country.	Gold.	Silver.
United States	\$96,269,100	\$30,854,500	Russia	35,579,600	75,900	Uruguay	91,600	.....
Canada	10,205,800	17,749,400	Spain	.....	2,242,300	Venezuela	340,500	112,300
Mexico	24,910,600	38,541,000	Sweden	2,000	10,700	Cent. Amer.	4,657,400	1,094,500
Africa	175,189,900	560,100	Turkey	2,000	4,300	British India	10,718,400	24,200
Australasia	65,470,600	11,684,700	Argentina	173,100	142,200	China	3,658,100	.....
Aus.-Hungary	2,172,600	832,000	Bolivia-Chile.	463,600	3,504,700	Br. E. Indies	1,446,800	.....
France	1,400,600	340,400	Brazil	1,954,700	.....	Dutch E. Ind.	3,387,100	251,600
Germany	62,900	3,022,400	Colombia	3,370,000	467,700	Indo-China	65,600	.....
Great Britain	21,500	76,600	Ecuador	249,200	12,200	Japan	3,845,400	2,508,900
Greece	.....	447,700	Guiana, Brit.	1,192,700	.....	Korea	4,399,100	89,000
Italy	29,600	253,000	Guiana, Fr.	792,600	.....	Siam	56,500	.....
Norway	1,400	124,200	Guiana, D.	2,005,800	.....			
Portugal	2,800	212,800	Peru	514,500	5,165,700	Total	454,703,900	120,354,700

COINAGE OF GOLD AND SILVER BY NATIONS IN 1910.

[Reported by the director of the mint.]

Country.	Gold.	Silver.	Country.	Gold.	Silver.	Country.	Gold.	Silver.
Un. States	\$104,723,735	\$3,740,468	Bulgaria	.....	772,000	Mexico	2,494,980	2,184,228
Philippines	.....	1,686,805	Chile	201,611	809,288	Montenegro	411,355	121,562
Abyssinia	.....	100,360	China	.....	11,325,054	Netherlands	962,290	1,384,890
Aus.-Hung'y	8,742,094	5,810,727	Costa Rica	.....	27,921	Dutch E. Ind.	.....	1,206,000
Lichtenstein	.....	20,305	Denmark	1,483,452	87,485	Norway	1,408,608	120,600
Belgium	.....	1,628,920	Egypt	.....	401,501	Persia	.....	10,455,000
Brazil	56,915	1,923,558	France	26,766,033	3,872,857	Peru	257,238	41,852
Australasia	86,927,097	1,703,275	Indo-China	.....	1,073,984	Portugal	1,029,271	1,228,593
Canada	136,320	1,979,571	Tunis	249	849	Russia	.....	2,302,691
Br. E. Africa	.....	16,223	Germany	47,980,960	10,234,266	Roumania	.....	2,123,000
Ceylon	.....	162,217	Ger. E. Afr.	.....	973,300	Siam	.....	135,932
Grt. Britain	121,134,799	12,563,147	Greece	.....	882,041	Spain	.....	381,402
Guiana, Br.	.....	5,353	Honduras	.....	542	Sweden	.....	510,138
Hongkong	.....	4,141,339	Italy	.....	1,343,663	Switzerland	1,447,500	386,000
India	.....	7,317,423	Italian So-	.....	.....	Turkey	26,667,731	1,693,737
Straits Set-	.....	.....	mailand	.....	194,660	Venezuela	154,910	386,235
tlements	.....	1,891,872	Japan	21,638,100	6,941,977			
Sarawak	.....	10,000	Korea	249,000	672,300	Total	454,874,248	108,915,627

PRODUCT OF GOLD AND SILVER IN THE UNITED STATES (1792-1910).

[For 1792-1873 is by R. W. Raymond, commissioner, and since by the director of the mint.]

PERIOD.	Gold.	Silver.	Total.	PERIOD.	Gold.	Silver.	Total.
April 2, 1792-July 31, 1834	\$14,000,000	Insignificant	\$14,000,000	1898	\$64,463,000	\$70,384,000	\$134,847,000
July 31, 1834-Dec. 31, 1844	7,500,000	\$250,000	7,750,000	1899	71,053,000	70,906,000	141,959,000
1845-1850	103,036,769	.....	103,036,769	1900	79,171,000	74,533,000	153,704,000
1851-1855	551,000,000	1,100,000	552,100,000	1901	78,687,000	71,388,000	150,075,000
1856-1860	474,250,000	100,750,000	575,000,000	1902	80,000,000	71,758,000	151,758,000
1861-1870	385,300,000	390,300,000	775,600,000	1903	73,591,700	70,206,000	143,797,700
1871-1880	326,620,000	535,056,000	861,676,000	1904	80,464,700	57,682,800	138,147,500
1881-1890	38,175,000	75,417,000	108,592,000	1905	88,180,700	34,222,000	122,402,700
1891	33,000,000	82,101,000	115,101,000	1906	94,373,800	38,296,400	132,670,200
1892	35,955,000	77,576,000	113,531,000	1907	90,435,700	37,239,700	127,675,400
1893	39,500,000	64,000,000	103,500,000	1908	94,580,000	28,050,600	122,630,600
1894	46,910,000	72,051,000	118,961,000	1909	99,653,400	28,453,200	128,106,600
1895	53,088,000	76,069,000	129,157,000	1910	96,269,100	30,854,500	127,123,600
1896	57,363,000	69,637,000	127,000,000	Total	3,261,573,500	1,507,356,300	4,768,929,800

WORLD'S PRODUCTION OF GOLD AND SILVER SINCE 1492.

[From report of the director of the mint, 1911.]

CALENDAR YEARS.	Gold.	Silver (coining value).	Per cent gold.	Per cent silver.	CALENDAR YEARS.	Gold.	Silver (coining value).	Per cent gold.	Per cent silver.
1492-1520	\$107,931,000	\$54,703,000	66.4	33.6	1831-1840	\$134,841,000	\$247,990,000	35.2	64.8
1521-1544	114,205,000	98,986,000	55.9	44.1	1841-1850	363,922,000	324,400,000	52.9	47.1
1545-1560	90,492,000	207,240,000	30.4	69.6	1851-1855	632,566,000	134,169,000	78.3	21.9
1561-1580	90,917,000	218,990,000	26.7	73.3	1856-1860	670,415,000	188,092,000	78.1	21.1
1581-1600	98,005,000	348,254,000	22.0	78.0	1861-1865	614,944,000	228,861,000	72.9	27.0
1601-1620	113,248,000	351,579,000	24.4	75.6	1866-1870	648,071,000	278,313,000	70.0	30.0
1621-1640	110,324,000	327,221,000	25.2	74.8	1871-1875	577,883,000	409,332,000	58.5	41.5
1641-1660	116,571,000	304,535,000	27.7	72.3	1876-1880	572,931,000	504,256,000	53.0	47.0
1661-1680	123,048,000	280,126,000	30.5	69.5	1881-1885	495,583,400	594,773,300	45.5	54.5
1681-1700	143,088,000	284,240,000	33.5	66.5	1886-1890	564,474,000	704,074,000	44.4	55.6
1701-1720	170,408,000	295,629,000	36.6	63.4	1891-1895	814,736,000	1,018,708,000	44.4	55.6
1721-1740	253,611,000	358,480,000	41.4	58.6	1896-1900	1,286,505,400	1,071,148,400	54.6	45.4
1741-1760	327,161,000	443,232,000	42.5	57.5	1901-1905	1,610,309,700	1,063,843,300	60.2	39.9
1761-1780	275,211,000	542,658,000	33.7	66.3	1906	402,503,000	216,409,600	65.3	34.7
1781-1800	236,494,000	730,810,000	24.4	75.6	1907	412,966,000	238,166,600	63.4	36.6
1801-1810	118,153,000	371,677,000	24.1	75.9	1908	443,006,200	292,034,500	62.8	37.2
1811-1820	124,786,000	324,736,000	27.3	72.7	1909	454,422,800	272,106,400	62.5	37.5
1821-1830	94,479,000	191,444,000	33.0	67.0	1910	454,703,900	288,167,300	61.2	38.8

STOCK OF GOLD AND SILVER IN THE UNITED STATES.

FISCAL YEAR ENDED JUNE 30.	POPULA- TION.	TOTAL COIN AND BULLION.		PER CAPITA.		
		Gold.	Silver.	Gold.	Silver	Total metallio
1873.	41,677,000	\$135,000,000	\$6,149,305	\$3.23	\$0.15	\$3.38
1880.	50,155,783	351,841,206	148,522,678	7.01	2.96	9.97
1890.	62,622,250	695,563,029	463,211,919	11.10	7.39	18.49
1900.	76,591,000	1,034,459,264	647,371,080	13.45	8.42	21.87
1902.	79,117,000	1,192,395,637	670,540,105	15.07	8.48	23.55
1903.	80,847,000	1,249,552,756	677,448,939	15.45	8.38	23.83
1904.	81,867,000	1,327,672,672	682,383,277	16.21	8.33	24.55
1905.	83,259,000	1,357,881,186	686,401,168	16.31	8.24	24.55
1906.	84,662,000	1,472,965,209	687,958,920	17.40	8.12	25.52
1907.	86,074,000	1,466,056,632	705,330,224	17.03	8.20	25.23
1908.	87,496,000	1,615,140,575	723,594,595	18.46	8.27	26.73
1909.	88,926,000	1,640,567,131	725,550,073	18.45	8.16	26.61
1910.	90,363,000	1,655,424,513	727,073,504	18.10	8.05	26.15
1911.	93,983,000	1,733,134,114	732,002,448	18.65	7.79	26.44

PRODUCT OF GOLD AND SILVER BY STATES AND TERRITORIES.

Approximate distribution, by producing states and territories, for the calendar year 1910 as estimated by the director of the mint.

STATE OR TERRITORY.	GOLD.		SILVER.	
	Fine ounces.	Value.	Fine ounces.	Commercial value.
Alabama.....	1,593	\$32,900	300	\$200
Alaska.....	787,148	16,271,800	153,900	83,100
Arizona.....	165,113	3,413,200	2,655,700	1,434,100
California.....	988,554	20,441,400	1,791,500	967,400
Colorado.....	992,967	20,526,500	8,523,000	4,605,400
Georgia.....	1,161	24,000	300	200
Idaho.....	50,113	1,035,900	7,027,000	3,794,600
Illinois.....	.....	.....	2,000	1,100
Kentucky.....	.....	.....	100	100
Michigan.....	.....	.....	262,200	141,600
Missouri.....	.....	.....	32,200	17,400
Montana.....	179,974	3,720,000	12,282,300	6,632,800
Nevada.....	913,015	18,873,700	12,366,000	6,877,600
New Hampshire.....	283	59,900	700	400
New Mexico.....	23,084	477,200	779,000	420,600
North Carolina.....	3,122	64,500	8,300	4,500
Oregon.....	32,960	681,400	43,800	23,600
South Carolina.....	1,327	37,800	.....	.....
South Dakota.....	260,293	5,380,200	120,600	65,100
Tennessee.....	136	2,800	69,500	37,700
Texas.....	18	400	364,400	198,800
Utah.....	208,627	4,312,700	10,445,900	5,640,800
Virginia.....	44	900	200	100
Washington.....	38,962	806,000	204,900	110,600
Wyoming.....	199	4,100	1,300	700
Porto Rico.....	50	1,000	.....	.....
Philippines.....	3,471	154,400	1,800	1,000
Total.....	4,657,017	96,289,100	57,137,900	30,854,500

PRICE OF BAR SILVER IN LONDON.

Highest, lowest and average price of bar silver per ounce British standard (.925) since 1872 and the equivalent in United States gold coin of an ounce 1,000 fine, taken at the average price.

CALENDAR YEAR.	Lowest quota- tion.	Highest quota- tion.	Average quota- tion.	Value of a fine ounce at average quotation	CALENDAR YEAR.	Lowest quota- tion.	Highest quota- tion.	Average quota- tion.	Value of a fine ounce at average quotation
1872.....	d. 59 1/4	d. 61 1/4	d. 60 5-16	\$1.322	1892.....	d. 37 3/4	d. 43 3/4	d. 39 3/4	\$0.87106
1873.....	57 1/4	59 13-16	59 1/4	1.298	1893.....	30 3/4	35 3/4	35 9-16	.78031
1874.....	57 3/4	59 1/4	58 5-16	1.278	1894.....	27	31 3/4	28 7-16	.63479
1875.....	55 3/4	57 3/4	56 3/4	1.246	1895.....	27 3-16	31 3/4	29 3/4	.65406
1876.....	53 1/4	55 1/4	54 1-16	1.156	1896.....	20 3/4	31 15-16	30 3/4	.67437
1877.....	53 1/4	55 1/4	54 13-16	1.201	1897.....	23 3/4	29 13-16	27 9-16	.60462
1878.....	49 3/4	55 1/4	52 9-16	1.152	1898.....	25	28 3/4	26 15-16	.59010
1879.....	48 3/4	53 3/4	51 1/4	1.123	1899.....	26 3/4	29	27 7-16	.60154
1880.....	51 3/4	52 3/4	52 1/4	1.145	1900.....	27	30 3/4	28 5-16	.62007
1881.....	50 3/4	52 3/4	51 15-16	1.138	1901.....	24 15-16	29 9-16	27 3-16	.59595
1882.....	50 3/4	52 3/4	51 13-16	1.136	1902.....	21 11-16	26 1-16	24 1-16	.52746
1883.....	50	51 5-16	50 3/4	1.110	1903.....	24 11-16	28 3/4	24 3/4	.54257
1884.....	49 3/4	51 3/4	50 3/4	1.112	1904.....	24 11-16	28 3-16	26 13-32	.57576
1885.....	46 3/4	50	48 9-16	1.0645	1905.....	25 7-16	30 5-16	27 27-32	.61087
1886.....	42	47	45 3/4	.9946	1906.....	29	33 3/4	30 3/4	.67629
1887.....	43 1/4	47 3/4	44 5/8	.97823	1907.....	24 1/4	32 7-16	30 3-16	.66152
1888.....	41 3/4	44 9-16	42 3/4	.93897	1908.....	22	27	24 13-32	.53490
1889.....	42	44 11-16	41 11-16	.93512	1909.....	22	24 13-16	23 7/24	.52016
1890.....	43 3/4	45 3/4	44 3/4	1.04633	1910.....	23 3-16	26	24 21-32	.54077
1891.....	43 3/4	45 3/4	45 1-16	.98783	1911.....	23 11-16	26 3/4	24 19-32	.53928

MONEY OF THE WORLD (JAN. 1, 1911).

Monetary systems and approximate stocks of money in the principal countries of the world as reported by the director of the mint.

COUNTRY.	Monetary standard.	Monetary unit.	Gold in thousands of dollars.	Silver in thousands of dollars.	Uncovered paper in thousands of dollars.	PER CAPITA.			
						Gold.	Sil- ver.	Pa- per.	To- tal.
United States.....	Gold	Dollar.....	\$1,710,000	\$729,500	\$784,000	\$18.35	\$7.83	\$8.41	\$34.59
Austria-Hungary.....	Gold	Crown.....	357,100	129,100	143,500	7.07	2.56	2.84	12.47
Belgium.....	Gold	Franc.....		15,000	135,300	3.33	2.05	15.53	23.91
Australasia.....	Gold	Pound sterling.....	199,100	10,000		46.30	2.33		48.63
Canada.....	Gold	Dollar.....	108,200	6,700	76,800	17.45	1.08	12.89	30.92
United kingdom.....	Gold	Pound sterling.....	650,000	116,800	115,200	14.44	2.60	2.56	19.60
India.....	Gold	Pound sterling and rupee.....	13,200	146,000	38,900	.05	.49	.13	.67
South Africa.....	Gold	Pound sterling.....	65,400	20,000		8.38	2.56		10.94
Straits Settlements*.....	Gold	Dollar.....	2,200	37,500	7,500	1.37	23.44	4.69	29.50
Bulgaria.....	Gold	Lev.....	6,100	4,800	9,800	1.53	1.20	2.45	5.18
Cuba.....	Gold	Peseta.....	42,000	5,000		20.00	2.38		22.38
Denmark.....	Gold	Crown.....	37,900	8,000	18,500	14.04	2.95	5.00	22.00
Egypt.....	Gold	Piaster.....	182,800	15,800	6,700	16.19	1.40	.59	18.18
Finland.....	Gold	Markka.....	7,100	600	11,500	2.45	1.77	3.96	6.58
France.....	Gold	Franc.....	1,158,000	411,100	223,000	29.46	10.47	5.67	45.60
Germany.....	Gold	Mark.....	243,900	276,100	2,938	3.33	4.34	11.10	11.10
Greece.....	Gold	Drachma.....	21,600	3,000	24,600	8.31	1.15	9.46	18.92
Haiti.....	Gold	Gourde.....		2,500	8,200	.87	1.67	5.48	8.00
Italy.....	Gold	Lira.....		24,100	182,300	7.79	.71	5.88	33.88
Japan.....	Gold	Yen.....	126,300	125,100	89,300	1.36	2.36	1.69	5.41
Mexico.....	Gold	Peso.....	29,600	56,000	51,200	2.10	4.12	3.76	9.98
Netherlands.....	Gold	Florin.....	69,400	38,300	69,300	11.97	5.74	10.39	28.10
Norway.....	Gold	Crown.....	13,800	3,400	5,400	6.00	1.48	2.35	9.83
Portugal.....	Gold	Milreis.....	8,600	37,200	72,600	1.59	6.89	13.44	21.92
Roumania.....	Gold	Lei.....		200	38,100	2.93	.03	5.60	8.53
Russia.....	Gold	Ruble.....	961,400	78,500		6.24	.51		6.75
Serbia.....	Gold	Dinar.....		1,500	5,300	1.82	.54	1.89	4.25
Siam.....	Gold	Tical.....		49,400	2,100	.01	7.09		7.37
Argentina.....	Gold	Peso.....	244,400	9,400	315,000	36.21	1.34	45.00	82.55
Bolivia.....	Gold	Boliviano.....	2,500	500		1.04	.22	1.73	3.04
Brazil.....	Gold	Milreis.....	98,500	25,000	200,700	4.80	1.22	9.79	15.81
Chile.....	Gold	Peso.....	500	2,800	53,400	.14	.80	15.26	16.20
Colombia.....	Gold	Dollar.....			10,000			2.33	2.33
Ecuador.....	Gold	Sucre.....	4,500	1,300	2,000	3.00	.87	1.33	5.20
Guiana (British).....	Gold	Pound sterling.....	100	400	500	.33	1.33	1.67	3.33
Guiana (Dutch).....	Gold	Florin.....	100	300	200	1.00	3.00	2.00	6.00
Guiana (French).....	Gold	Franc.....	100	100	600	1.00	1.00	6.00	8.00
Paraguay.....	Gold	Soi.....	300	2,400	33,000	.38	2.71	41.25	41.63
Peru.....	Gold	Peso.....	12,200	4,800		2.71	.58		3.24
Uruguay.....	Gold	Peso.....	15,500	4,300	1,708	14.09	3.91	1.55	19.55
Venezuela.....	Gold	Bolivar.....	3,300	11,500	4,300	1.27	4.42	1.65	7.34
Spain.....	Gold	Peseta.....	106,800	173,700	76,000	5.42	8.82	3.85	18.09
Sweden.....	Gold	Crown.....	24,800	8,600	32,400	4.59	1.59	6.00	12.18
Switzerland.....	Gold	Franc.....	64,700	13,500	25,400	19.60	4.09	7.70	31.39
Turkey.....	Gold	Piaster.....	151,800	26,400		6.33	1.10		7.43
Central American states.....	Silver	Peso.....	1,600	5,400	14,500	.30	1.01	2.74	4.05
Total.....			6,500,700	2,599,500	3,155,500				

*Includes the Malay states, Ceylon and Johore. †Except Costa Rica and British Honduras, gold standard countries. Blank spaces indicate that no satisfactory information is available.

COINAGE OF GOLD AND SILVER OF THE WORLD (1890-1910).

CALEN- DAR YEAR.	GOLD.		SILVER.		CALEN- DAR YEAR.	GOLD.		SILVER.	
	Fine ounces.	Value.	Fine ounces.	Coining value.		Fine ounces.	Value.	Fine ounces.	Coining value.
1899.....	22,548,101	\$486,110,614	128,566,167	\$166,226,964	1905.....	11,898,087	\$245,954,257	73,371,385	\$103,880,205
1900.....	17,170,053	354,936,497	136,907,643	177,011,902	1906.....	17,721,058	366,330,450	120,339,501	155,590,406
1901.....	12,001,537	218,093,787	107,439,666	138,911,891	1907.....	19,921,014	411,803,902	171,561,490	221,816,876
1902.....	10,662,088	220,405,125	149,826,725	193,715,362	1908.....	15,828,573	327,302,849	151,352,824	195,688,499
1903.....	11,634,007	240,496,274	161,159,608	208,367,849	1909.....	15,138,116	313,242,714	87,728,951	113,427,931
1904.....	22,031,285	455,427,085	145,332,335	172,270,379	1910.....	22,004,542	454,574,248	78,786,842	108,915,627

GOLD AND SILVER COINAGE OF THE UNITED STATES.

By calendar years.

YEAR.	Gold.	Silver.	YEAR.	Gold.	Silver.	YEAR.	Gold.	Silver.	YEAR.	Gold.	Silver.
1876....	\$46,579,453	\$24,503,308	1885....	\$27,773,012	\$28,962,176	1894....	\$79,546,160	\$9,200,351	1903....	\$43,683,970	\$19,874,440
1877....	43,999,864	29,393,045	1886....	28,945,542	32,086,709	1895....	59,616,358	5,698,010	1904....	235,402,428	15,695,610
1878....	49,786,052	28,518,830	1887....	23,972,383	35,191,081	1896....	47,053,040	23,089,839	1905....	49,638,441	6,332,187
1879....	39,080,080	27,589,776	1888....	31,320,808	33,025,306	1897....	76,028,438	18,487,207	1906....	77,538,045	10,651,067
1880....	62,308,279	27,411,694	1889....	21,413,931	35,496,683	1898....	77,985,757	23,034,033	1907....	131,907,490	19,178,435
1881....	96,850,080	27,940,164	1890....	20,467,182	39,202,808	1899....	111,344,220	26,061,520	1908....	131,638,632	12,391,775
1882....	65,887,967	27,973,132	1891....	20,222,005	27,518,858	1900....	99,272,942	36,295,321	1909....	88,776,907	8,087,852
1883....	29,241,990	29,246,968	1892....	34,787,223	12,641,078	1901....	101,735,188	30,838,461	1910....	104,723,735	3,740,468
1884....	23,901,756	28,534,866	1893....	56,997,020	8,802,797	1902....	47,184,332	30,028,167	1911....	56,176,822	6,457,301

BULLION VALUE OF $37\frac{1}{4}$ GRAINS OF PURE SILVER AT THE ANNUAL AVERAGE PRICE OF SILVER.

Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.
1860.....	\$1.045	1877.....	\$0.929	1884.....	\$0.869	1891.....	\$0.764	1898.....	\$0.466	1905.....	\$0.472
1870.....	1.027	1878.....	.892	1885.....	.823	1892.....	.674	1899.....	.465	1906.....	.623
1872.....	1.022	1879.....	.869	1886.....	.769	1893.....	.603	1900.....	.479	1907.....	.511
1873.....	1.003	1880.....	.885	1887.....	.757	1894.....	.490	1901.....	.460	1908.....	.414
1874.....	.989	1881.....	.875	1888.....	.726	1895.....	.505	1902.....	.408	1909.....	.402
1875.....	.960	1882.....	.878	1889.....	.723	1896.....	.522	1903.....	.419	1910.....	.418
1876.....	.900	1883.....	.857	1890.....	.809	1897.....	.467	1904.....	.447	1911.....	.417

COMMERCIAL RATIO OF SILVER TO GOLD.

Year.	Ratio.	Year.	Ratio.	Year.	Ratio.	Year.	Ratio.	Year.	Ratio.	Year.	Ratio.
1700.....	14.81	1830.....	15.82	1869.....	15.60	1890.....	18.05	1891.....	20.92	1902.....	39.15
1720.....	15.04	1850.....	15.70	1870.....	15.57	1881.....	18.16	1892.....	23.72	1903.....	38.10
1740.....	14.94	1860.....	15.29	1871.....	15.57	1892.....	18.19	1893.....	26.49	1904.....	35.70
1750.....	14.55	1861.....	15.50	1872.....	15.63	1893.....	18.64	1894.....	32.56	1905.....	33.87
1760.....	14.14	1862.....	15.35	1873.....	15.92	1894.....	18.57	1895.....	31.60	1906.....	30.54
1770.....	14.62	1863.....	15.37	1874.....	16.17	1895.....	19.41	1896.....	30.59	1907.....	31.94
1780.....	14.72	1864.....	15.37	1875.....	16.59	1896.....	20.78	1897.....	34.20	1908.....	38.64
1790.....	15.04	1865.....	15.44	1876.....	17.88	1897.....	21.13	1898.....	35.03	1909.....	39.74
1800.....	15.68	1866.....	15.43	1877.....	17.22	1898.....	21.99	1899.....	34.36	1910.....	38.22
1810.....	15.77	1867.....	15.57	1878.....	17.94	1899.....	22.10	1900.....	33.33	1911.....	33.33
1820.....	15.62	1868.....	15.59	1879.....	18.40	1890.....	19.76	1901.....	34.68		

FINANCIAL AND COMMERCIAL STATISTICS OF THE UNITED STATES (1880-1911).

[Upon a per capita basis.]

YEAR.	Population, June 1.	GOVERNMENT FINANCE PER CAPITA.						GOLD AND SILVER.			
		Amount of money in the United States.	Money in circulation.	Debt, less cash in treasury.	Interest paid.	Net ordinary receipts.	Net ordinary expenditures.	Disbursements for pensions.	Coin value of paper money, July 1.	Commercial ratio of silver to gold.	Annual average price of silver in London, per oz.
1880.....	50,155,783	\$24.04	\$19.41	\$38.27	\$1.59	\$6.65	\$5.34	\$1.14	\$1.00	\$18.05	\$1.145
1890.....	62,692,250	34.24	22.82	14.22	.47	6.44	4.75	1.71	1.00	19.76	1.046
1900.....	76,308,387	30.66	26.93	14.52	.44	7.43	6.38	1.85	1.00	33.33	.620
1902.....	79,003,000	32.45	28.47	12.27	.35	7.11	5.96	1.75	1.00	39.15	.623
1903.....	80,373,000	33.40	29.42	11.51	.32	6.93	6.26	1.72	1.00	38.10	.545
1904.....	81,732,000	34.29	30.77	11.33	.30	6.60	7.11	1.74	1.00	35.70	.579
1905.....	83,143,000	34.68	31.08	11.91	.29	6.54	6.81	1.71	1.00	33.87	.610
1906.....	84,154,000	36.45	32.32	11.46	.28	7.02	6.72	1.68	1.00	30.54	.677
1907.....	85,817,239	36.30	32.22	10.22	.25	7.70	6.73	1.62	1.00	31.24	.662
1908.....	87,189,392	38.76	34.72	10.76	.24	6.87	7.53	1.77	1.00	38.64	.535
1909.....	88,506,034	38.45	34.93	11.56	.24	6.79	7.45	1.82	1.00	39.74	.520
1910.....	92,174,515	37.84	34.33	11.35	.23	7.48	7.30	1.77	1.00	38.22	.540
1911.....	93,792,509	37.91	34.20	10.83	.23	7.46	6.96	1.68	1.00	38.33	.539

YEAR.	COINAGE PER CAPITA OF—		PRODUCTION PER CAPITA OF—		INTERNAL REVENUE.		Merchandise imported for consumption per capita.	Duty collected per capita.	CUSTOMS REVENUE.		
	Gold.	Silver.	Gold.	Silver.	Collected per capita.	Expenses of collecting, per cent.			Average ad valorem rate of duty.		Expenses of collecting, per cent.
1880.....	\$1.24	\$0.55	\$0.72	\$0.69	\$2.47	2.95	\$12.51	\$3.64	43.48	29.07	3.23
1890.....	.33	.63	.52	.91	2.28	2.65	12.16	3.60	44.41	29.12	2.98
1900.....	1.30	.48	1.04	.47	3.87	1.51	10.93	3.02	49.46	27.62	3.20
1902.....	.60	.38	1.01	.37	3.44	1.60	11.18	3.13	49.78	27.95	3.13
1903.....	.54	.25	.92	.36	2.87	1.94	12.28	3.42	49.03	27.85	2.98
1904.....	2.86	.19	.88	.41	2.85	1.94	11.73	3.08	49.76	26.30	3.32
1905.....	.60	.08	1.06	.41	2.82	1.85	12.74	3.03	45.24	23.77	3.48
1906.....	.92	.13	1.14	.45	2.96	1.76	13.95	3.38	44.16	24.22	3.00
1907.....	1.54	.15	1.04	.44	3.14	1.72	15.97	3.72	42.55	23.28	2.55
1908.....	1.51	.14	1.10	.31	2.88	1.85	13.11	3.13	42.94	23.88	3.35
1909.....	1.00	.09	1.12	.32	2.78	1.85	13.94	3.21	43.15	22.99	3.41
1910.....	1.13	.04	1.40	.33	3.14	1.73	16.54	3.50	41.52	21.11	3.20
1911.....	.59	.07	1.02	.34	3.44	1.55	16.05	3.25	41.22	20.29	3.50

FINANCIAL AND COMMERCIAL STATISTICS OF THE U. S.—CONTINUED.

YEAR.	EXPORTS.										CONSUMPTION PER CAPITA.									
	Domestic merchandise.					Per cent of domestic products exported.														
	Exports per capita.	Manuf'd products, total exports.	Cotton.	Wheat.	Corn.	Situminoous coal.	Raw cotton.	Wheat.	Corn.	Sugar.	Coffee.	Tea.	Distilled spirits.	Malt liquors.	Wines.					
	Per cent.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	Lbs.	Bu.	Bu.	Lbs.	Lbs.	Lbs.	Pf. gal.	Gal.	Gal.					
1880.....	\$16.43	14.78	65.73	40.18	6.43	1.66	18.94	5.35	38.88	42.90	8.73	1.33	1.27	8.28	.66					
1890.....	18.50	21.18	68.15	22.31	4.85	1.33	18.50	6.09	32.09	32.80	7.83	1.33	1.37	13.71	.46					
1900.....	17.96	35.30	65.18	34.00	10.30	3.14	22.57	4.74	24.44	65.20	9.81	1.09	1.27	16.01	.39					
1901.....	18.81	31.88	62.87	41.36	8.62	3.04	25.94	3.95	24.77	68.40	10.60	1.14	1.33	16.20	.36					
1902.....	17.16	33.48	64.47	31.37	1.84	2.89	25.65	6.50	18.92	72.80	13.37	.94	1.36	17.49	.61					
1903.....	17.32	33.61	65.01	30.28	3.04	2.24	24.64	6.81	30.45	71.10	10.79	1.30	1.46	18.04	.47					
1904.....	17.87	36.47	60.27	18.92	2.59	2.55	25.28	6.33	26.74	75.30	11.75	1.34	1.48	18.28	.52					
1905.....	17.94	40.98	61.55	7.99	3.06	2.59	28.07	6.15	28.59	70.00	12.11	1.23	1.45	18.50	.41					
1906.....	20.41	39.35	62.69	14.09	4.43	2.54	28.51	7.08	30.75	75.10	9.93	1.10	1.51	20.20	.53					
1907.....	21.60	39.92	64.93	19.95	2.95	2.88	29.63	6.86	33.11	77.50	11.36	.99	1.38	21.23	.65					
1908.....	21.04	40.91	66.18	25.71	2.12	2.80	29.23	5.40	29.10	75.42	10.40	1.07	1.44	20.97	.58					
1909.....	17.82	40.98	62.93	17.19	1.41	3.04	26.13	6.22	29.71	82.24	11.74	1.23	1.37	19.07	.67					
1910.....	18.28	44.85	66.85	12.78	1.49	3.07	26.13	7.05	29.44	79.90	9.93	.89	1.43	19.79	.65					
1911.....	21.15	45.07	67.00	10.91	2.27	3.18	26.13	6.03	30.07	77.01	9.27	1.04	1.46	20.66	.67					

YEAR.	CONSUMPTION OF RAW WOOL.		Tonnage of vessels, annual increase or decrease (+ or -).	Imports and exports of merchandise carried in American vessels.	POSTOFFICE DEPARTMENT.		PUBLIC SCHOOLS.	
	Total per capita.	Per cent foreign.			Revenue per capita.	Expenditure per capita.	Population 5 to 18 years of age.	Expenditures per capita of population 5 to 18 years of age.
	Lbs.	Per cent			Per cent	Per cent	Millions	Millions
1880.....	6.11	34.9	- 2.43	17.4	\$0.66	\$0.73	15.1	\$5.17
1890.....	6.03	27.0	+ 2.71	12.9	.97	1.11	18.5	7.60
1900.....	5.72	34.4	+ 6.18	9.3	1.34	1.46	21.4	10.04
1901.....	5.18	24.9	+ 6.96	8.2	1.44	1.49	22.0	10.36
1902.....	6.07	34.1	+ 4.95	8.8	1.54	1.69	22.3	10.57
1903.....	5.74	37.8	+ 4.99	9.1	1.67	1.73	22.7	11.10
1904.....	5.46	37.0	+ 3.35	10.3	1.76	1.89	23.0	11.86
1905.....	45.5		+ 2.62	12.3	1.84	2.05	23.4	12.44
1906.....	6.88	39.6	+ 3.38	12.0	2.00	2.17	23.8	12.94
1907.....	5.81	40.0	+ 3.95	10.6	2.13	2.25	24.3	13.63
1908.....	4.95	27.9	+ 6.15	9.08	2.19	2.36	24.6	15.10
1909.....	6.67	44.5	+ .32	9.5	2.30	2.53	24.2	16.66
1910.....	6.39	44.7	+ 1.61	8.7	2.43	2.49	25.0	17.03
1911.....	4.77	28.89	+ 1.74	8.7	2.54	2.53	.....	.....

RURAL AND URBAN CO-OPERATIVE BANKS.

RAIFFEISEN SYSTEM.

The Raiffeisen banking system was founded in Germany in 1862. Its author was Friedrich Wilhelm Raiffeisen, an economist who believed that the agricultural crisis prevailing in 1846-1847 was due to the fact that small land owners, in order to secure necessary funds, were compelled to pay ruinous rates of interest to usurers. His idea was to organize rural communities into mutual credit associations, through which the members might obtain loans at a low rate of interest. The main principles underlying the associations or "banks" which he founded were these:

1. Unlimited liability of the members.
2. A restricted area of operations.
3. Gratuitous management.

Loans given by these banks are usually on personal security, being confined to members of the association, to which only trustworthy persons are admitted. The membership being restricted, those belonging to the group are personally known to one another and, as the members are mutually responsible, it is to their interest to see that the borrower makes proper use of his money and to help him when he is in difficulties. In order to enable the associations to loan money at a very slight advance on the rate of interest which they themselves have to pay, the management must be almost gratuitous. Usually only the treasurer is paid for his services. The payment of dividends is prohibited or is limited to a small percentage. In 1909 there were 12,614 (reporting) rural banks in

Germany, which had total membership of 1,163,186, or an average of 92 per bank. The total business done amounted to \$1,061,563,167. The system has spread to other countries and its principles are applied, with such modifications as are found necessary, to hundreds of "banks" organized for mutual benefit purposes.

SCHULZE-DELITZSCH SYSTEM.

The Schulze-Delitzsch system of popular co-operative banks was devised by Hermann Schulze-Delitzsch, a leader in the German co-operative movement, between 1850 and 1860, and therefore antedated and furnished the inspiration for the Raiffeisen system of rural banks. These banks were established especially for the benefit of urban communities, but all occupations, including farming, were included. Like the Raiffeisen banks, they were organized for the purpose of lending money on moderate terms to the members of the association, but unlike the rural concerns they have a wide area of operation, accumulate capital, pay dividends and have paid managers. Except for the co-operative feature their business is done for the most part on ordinary banking lines. There were 93 of these banks in 1910, with a membership of about 600,000. In that year about \$1,000,000 was used in making short time loans to members.

Both the Raiffeisen and Schulze-Delitzsch banks are affiliated with central institutions and general federations which supply money if required and help out in whatever directions needed.

BANKING STATISTICS.

[From reports of the comptroller of the currency.]

NATIONAL BANKS OF THE UNITED STATES.

YEAR ENDED MARCH 1—	Banks.	Capital.	Surplus.	Total dividends.	Net earnings.	RATIOS.		
						Divi- dends to capital.	Divi- dends to capital and surplus.	Earn- ings to capital and surplus
1870.....	1,526	\$409,008,896	\$84,112,029	\$43,246,926	\$58,218,118	10.5	8.8	11.8
1880.....	2,045	454,606,073	116,187,926	35,523,140	38,025,984	7.8	6.2	6.7
1890.....	3,244	607,428,365	200,837,659	49,575,353	69,756,914	8.1	6.1	8.6
1900.....	3,571	603,396,550	250,543,068	47,433,357	69,981,810	7.9	5.6	3.2
1901.....	5,765	622,396,094	257,948,290	50,219,115	87,674,175	8.1	5.7	10.0
1902.....	4,131	659,608,169	285,023,449	64,902,442	99,105,168	9.8	6.8	10.5
1903.....	4,451	688,517,835	324,462,477	60,123,622	102,743,721	8.7	5.9	10.1
1904.....	4,914	746,965,438	372,551,716	73,640,123	116,475,135	9.9	6.6	10.4
1905.....	5,336	768,114,231	402,390,890	70,996,322	105,196,154	9.2	6.1	9.0
1906.....	5,685	779,544,247	414,739,662	80,831,561	113,662,529	10.4	6.8	9.5
1907.....	6,017	837,002,528	501,774,453	144,376,245	219,195,804	17.2	10.8	16.4
1908.....	5,662	901,394,244	552,562,178	98,149,236	132,254,329	10.89	6.75	9.1
1909.....	5,788	919,143,825	585,407,483	92,993,450	131,185,750	10.12	6.18	8.72
1910.....	6,984	965,457,549	630,159,719	105,898,622	154,167,489	10.99	6.65	9.67
1911.....	7,163	1,008,180,225	669,931,760	114,685,412	156,985,513	11.38	6.83	9.35
Average, 42 years.....		613,683,763	243,615,763	55,638,469	73,980,806	9.07	6.49	8.63
Aggregate, 42 years.....				2,336,815,679	3,107,185,441			

*March 1, 1906, to June 30, 1907.

NATIONAL BANK NOTES.

Issued since 1864 and outstanding Oct. 31, 1911, by denominations and amount.		
Denomination.	Issued.	Outstanding.
Ones	\$23,169,677	\$343,610
Twos	15,495,038	164,320
Fives	1,476,866,320	145,482,865
Tens	2,104,691,810	325,135,290
Twenties	1,282,892,640	220,680,280
Fifties	195,863,250	16,166,150

Note—Circulation outstanding is exclusive of gold notes and nonpresented fractions.

FOREIGN POSTAL SAVINGS BANKS.

The statistics are chiefly for 1909, 1910 and 1911.

Country.	Depositors.	Deposits.	Av. de- posits.	Country.	Depositors.	Deposits.	Av. de- posits.
Austria.....	2,143,611	\$45,571,080	\$21.26	Federated Malay States.....	4,536	278,490	61.40
Belgium.....	2,290,114	148,791,369	64.97	Dutch East Indies.....	71,214	3,073,705	43.16
Bulgaria.....	252,920	8,198,774	32.42	Japan.....	11,236,637	81,120,201	7.22
Finland.....	56,367	1,371,573	24.33	Formosa.....	90,893	946,549	10.41
France.....	5,542,888	316,456,866	57.09	Cape of Good Hope.....	101,203	9,949,759	98.31
Hungary.....	727,146	20,096,523	27.51	Gold coast.....	2,165	120,276	55.55
Italy.....	5,160,008	324,279,617	62.84	Orange Free State.....	6,831	753,797	110.35
Netherlands.....	1,510,033	64,436,982	42.67	Rhodesia.....	2,516	321,369	127.73
Russia.....	1,934,034	138,393,695	71.56	Transvaal.....	61,689	7,675,702	124.67
Sweden.....	555,487	12,167,925	21.91	Sierra Leone.....	6,107	406,995	66.64
United Kingdom.....	11,832,176	821,904,231	69.46	Egypt.....	104,100	2,254,098	21.65
Bahamas.....	2,179	139,391	63.97	Tunis.....	5,628	1,122,230	217.19
Canada.....	147,478	43,017,587	291.69	New South Wales.....	334,381	64,741,127	193.61
British Guiana.....	14,881	434,447	29.19	Victoria.....	595,424	84,040,073	141.14
Dutch Guiana.....	8,039	268,532	33.40	Queensland.....	106,627	25,102,473	235.42
Curaçao.....	3,250	52,143	16.04	Tasmania.....	21,491	2,993,131	139.28
British India.....	1,318,632	49,424,157	37.48	Western Australia.....	77,748	14,890,215	191.52
Ceylon.....	79,704	794,077	9.96	New Zealand.....	359,714	61,643,459	171.37
Straits settlements.....	4,267	380,982	89.29	Philippines.....	28,239	2,032,014	71.96

SAVINGS BANKS OF PRINCIPAL COUNTRIES.

(Including postal savings banks.)			
Country.	Year.	Deposits.	Average.*
Austria	1910	\$1,214,475,568	\$42.84
Belgium	1910	186,180,990	24.77
Bulgaria	1909	8,198,774	1.94
Chile	1910	10,543,275	3.10
Denmark	1909	169,740,803	63.64
Egypt	1910	2,264,008	1.19
France	1909	1,026,712,474	26.14
Germany	1909	3,729,964,322	58.17
Hungary	1909	454,924,633	22.48
Italy	1910	786,921,397	22.75
Japan	1911	148,549,729	2.81
Netherlands	1910	102,493,026	17.46
Norway	1909	128,040,751	54.03

(Including postal savings banks.)			
Country.	Year.	Deposits.	Average.*
Roumania	1909	11,611,420	1.71
Russia	1911	736,424,971	4.69
Spain	1910	46,931,094	2.41
Sweden	1910	228,923,251	41.85
Switzerland	1908	307,342,077	86.36
United Kingdom	1910	1,076,265,509	23.80
Canada	1911	57,359,255	8.90
United States	1911	4,212,563,598	44.82
Total†		15,152,772,981	16.13
*Per inhabitant. †Includes minor countries and colonies not named in table.			

*Per inhabitant. †Includes minor countries and colonies not named in table.

SAVINGS BANKS OF THE UNITED STATES.

STATES.	1910.				1911.			
	Banks.	De-positors.	Deposits.	Aver- age.*	Banks.	De-positors.	Deposits.	Aver- age.*
Alabama.....	5	8,977	\$526,452	\$58.64	2	4,000	\$504,067.91	\$126.01
Arizona.....	1	652	396,069	607.47	1	700	389,995.92	557.14
Arkansas.....	†				3	3,713	928,018.13	249.93
California.....	123	420,172	334,965,870	797.21	123	688,168	362,965,698.41	527.44
Colorado.....	9	21,729	3,315,861	152.60	9	17,146	3,342,389.94	194.93
Connecticut.....	87	570,965	274,161,703	480.39	87	587,175	284,807,844.03	485.04
Delaware.....	2	23	9,631,121	38.33	2	38,333	10,273,475.33	267.18
District of Columbia.....	14	61,410	10,515,201	171.23	15	70,746	12,205,693.81	172.53
Florida.....	5	8,109	1,294,087	159.59	4	7,654	1,269,328.62	168.83
Georgia.....	16	30,984	7,929,256	255.91	29	49,789	11,187,068.46	224.68
Idaho.....	4	1,748	259,026	148.13	3	1,765	226,349.84	128.24
Indiana.....	5	31,965	11,896,496	389.95	5	33,373	12,356,715.57	395.18
Iowa.....	663	428,777	168,279,873	392.46	697	497,260	168,068,098.53	357.39
Kansas.....	13	18,294	3,507,501	191.79	11	20,863	3,702,286.29	177.79
Kentucky.....	10	15,079	2,286,616	151.64	15	35,174	5,375,307.16	152.82
Louisiana.....	8	49,881	16,888,081	338.59	9	59,754	16,825,631.64	281.53
Maine.....	52	237,813	89,938,241	378.19	49	224,406	88,630,836.41	335.22
Maryland.....	22	243,395	89,354,005	367.12	46	214,888	99,428,408.68	462.69
Massachusetts.....	190	2,078,953	761,365,758	366.23	192	2,138,898	790,931,542.57	370.26
Michigan.....	18	104,431	38,541,392	371.93	23	119,733	44,612,277.50	372.60
Minnesota.....	9	98,338	24,491,871	249.06	9	103,115	25,506,294.51	247.36
Mississippi.....	12	8,558	1,751,263	204.63	20	11,693	2,651,555.77	225.05
Montana.....	1	240	2,927,872	488.79	2	5,468	2,300,772.58	685.42
Nebraska.....	17	10,417	1,527,538	146.64	19	14,040	2,336,275.36	196.40
Nevada.....	1	1,074	745,442	694.08	1	1,301	914,226.38	702.76
New Hampshire.....	55	184,826	84,836,589	459.51	55	190,669	87,383,225.61	458.29
New Jersey.....	26	309,338	106,762,663	345.13	27	317,925	111,403,370.26	350.41
New Mexico.....	11	2,691	693,274	257.63	9	2,877	558,487.08	194.12
New York.....	142	2,886,910	1,536,935,582	528.92	141	2,810,188	1,561,168,449.10	555.54
North Carolina.....	24	53,786	1,233,263	212.85	25	32,139	7,328,035.28	228.01
Ohio.....	46	397,736	126,710,271	375.12	66	268,646	89,260,972.17	351.91
Oklahoma.....	3	2,707	453,813	167.64	2	1,309	231,936.33	165.73
Oregon.....	12	11,273	10,951,202	971.45	12	26,803	11,997,714.12	326.00
Pennsylvania.....	11	336,885	176,194,530	441.72	11	474,709	186,533,659.91	392.94
Rhode Island.....	18	167,938	72,334,533	430.57	17	143,145	75,469,963.11	527.15
South Carolina.....	25	32,380	9,808,102	302.91	27	38,588	11,341,101.52	293.90
Tennessee.....	13	36,608	10,244,449	279.84	20	38,000	11,226,534.95	285.44
Utah.....	1	81,449	9,026,871	287.03	4	33,890	8,711,020.65	257.04
Vermont.....	21	108,258	43,132,388	398.27	21	110,444	44,610,453.82	403.18
Virginia.....	3	217	8,179,974	253.40	3	62,039	19,933,940.16	321.67
Washington.....	12	32,421	9,496,385	292.91	9	24,189	8,689,447.52	359.23
West Virginia.....	8	24,129	4,125,519	170.98	8	25,241	4,441,150.17	175.94
Wisconsin.....	12	25,507	6,080,507	238.39	16	57,149	18,896,298.32	390.63
Wyoming.....	3	1,137	549,904	483.56	2	1,347	599,140.26	444.93
Total.....	1,759	9,142,908	4,070,486,247	445.20	1,884	9,567,185	42,125,598.53	438.99

*To each depositor. †Included with state banks.

NOTE—The statistics for Illinois and South Dakota are included in reports on state banks with savings departments. June 7, 1911, there were 446 such banks in Illinois with 298,692 depositors and \$144,792,939 deposits. In South Dakota there were 502 banks with 14,465 depositors and \$15,269.51 in savings deposits.

SAVINGS DEPOSITS IN NATIONAL BANKS (JUNE 14, 1912).

State.	Banks.	With savings deposits.	Savings deposits.	State.	Banks.	With savings deposits.	Savings deposits.
Maine.....	70	44	\$22,318,713.84	Indiana.....	255	71	8,610,886.37
New Hampshire.....	56	13	1,487,913.27	Illinois.....	447	219	39,750,264.40
Vermont.....	50	32	9,476,083.45	Michigan.....	109	88	40,333,360.97
Massachusetts.....	188	33	14,838,165.45	Wisconsin.....	299	109	32,276,828.72
Rhode Island.....	22	6	5,344,442.86	Minnesota.....	272	42	14,669,018.39
Connecticut.....	78	8	2,369,696.47	Iowa.....	333	116	8,990,492.98
New England states.....	464	139	55,185,015.34	Missouri.....	134	33	3,041,018.65
New York.....	467	214	76,619,224.91	Middle states.....	2,047	838	184,519,721.05
New Jersey.....	197	151	54,190,338.61	North Dakota.....	146	45	916,548.95
Pennsylvania.....	829	595	175,236,847.32	South Dakota.....	103	47	1,228,094.66
Delaware.....	28	15	1,819,024.40	Nebraska.....	245	47	4,322,136.96
Maryland.....	107	80	20,731,150.44	Kansas.....	211	67	2,166,792.66
District of Columbia.....	11	4	796,702.15	Montana.....	58	21	1,550,767.60
Eastern states.....	1,639	1,059	329,393,898.63	Wyoming.....	29	13	1,416,079.27
Virginia.....	132	87	26,691,902.48	Colorado.....	127	38	8,019,995.93
West Virginia.....	110	70	7,810,409.23	New Mexico.....	39	7	172,632.26
South Carolina.....	73	15	1,819,024.40	Oklahoma.....	293	49	1,103,230.93
Georgia.....	115	46	7,882,252.69	Western states.....	1,251	324	20,006,279.22
Florida.....	46	38	9,545,722.95	Washington.....	80	61	13,480,174.07
Alabama.....	85	42	6,434,596.91	Oregon.....	80	32	2,198,153.37
Mississippi.....	31	11	985,170.50	California.....	227	70	14,760,104.82
Louisiana.....	33	18	2,400,692.51	Idaho.....	48	28	929,505.45
Texas.....	515	64	7,078,934.22	Utah.....	22	16	3,173,516.89
Arkansas.....	50	15	933,207.19	Nevada.....	11	5	559,897.51
Kentucky.....	144	30	4,118,414.53	Arizona.....	13	2	19,640.97
Tennessee.....	104	33	3,350,432.92	Alaska.....	2	1	63,338.13
Southern states.....	1,484	533	93,752,464.83	Pacific states.....	483	215	35,184,336.21
Ohio.....	378	159	37,447,850.57	Hawaii.....	4	3	316,716.26
Total of United States.....	7,372	3,111	718,358,431.54				

SAVINGS DEPOSITS IN ALL BANKS (1911).

Banks.	No. Depositors.	Deposits.
State	4,862	2,738,337 \$74,926,098.65
Savings	1,324	9,794,647 4,212,583,598.53
Private	420	120,155 23,753,469.66
Loan and trust	928	2,632,685 813,745,937.90
National	2,991	2,342,290 637,069,543.54
Total	11,085	17,628,114 6,262,088,648.28

NATIONAL BANKS CLASSIFIED BY CAPITAL.

Capital.	Number.	Perc't.
\$25,000	1,966	26.93
Over \$25,000 and less than \$50,000	372	5.09
\$50,000 and less than \$100,000	2,297	31.46
\$100,000 and less than \$250,000	1,994	27.31
\$250,000 and less than \$1,000,000	495	6.78
\$1,000,000 and less than \$5,000,000	161	2.21
\$5,000,000 and over	16	.22

The national banks having \$5,000,000 or more capital in 1912 were:

Bank of Commerce, New York, N. Y., \$25,000,000.
National City, New York, N. Y., \$25,000,000.
Continental and Commercial, Chicago, Ill., \$21,500,000.
First National, New York, N. Y., \$10,000,000.
First National, Chicago, Ill., \$10,000,000.
National Bank of Commerce, St. Louis, Mo., \$10,000,000.
Bank of California, San Francisco, Cal., \$8,500,000.
Mechanics and Metals, New York, N. Y., \$6,000,000.
Farmers' Deposit, Pittsburgh, Pa., \$6,000,000.
Mellon National, Pittsburgh, Pa., \$6,000,000.
Wells Fargo-Nevada, San Francisco, Cal., \$6,000,000.
First National, Cincinnati, O., \$6,000,000.
Fourth National, New York, N. Y., \$5,000,000.
American Exchange, New York, N. Y., \$5,000,000.
Chase, New York, N. Y., \$5,000,000.
National Park, New York, N. Y., \$5,000,000.

SAVINGS-BANK STATISTICS OF UNITED STATES FROM 1820.

YEAR.	Number of banks.	Number of depositors.	Deposits.	Average to each depositor.	Average per capita in U. S.	YEAR.	Number of banks.	Number of depositors.	Deposits.	Average to each depositor.	Average per capita in U. S.
1820.....	10	8,635	\$1,138,576	\$131.86	\$0.12	1902.....	1,036	6,666,672	\$2,750,177,290	\$412.53	\$34.81
1830.....	36	38,085	6,973,304	183.09	.54	1903.....	1,078	7,035,228	2,935,204,845	417.21	36.52
1840.....	61	78,701	14,051,520	178.54	.82	1904.....	1,157	7,305,443	3,060,178,611	418.89	37.43
1850.....	108	251,354	43,431,130	172.78	1.87	1905.....	1,237	7,696,299	3,261,236,119	423.74	39.17
1860.....	278	639,870	149,277,504	215.13	4.75	1906.....	1,319	8,027,192	3,482,137,198	433.79	41.13
1870.....	517	1,630,946	549,574,353	337.17	14.26	1907.....	1,415	8,568,811	3,690,078,945	429.64	42.81
1880.....	624	2,333,892	819,161,973	350.71	16.33	1908.....	1,453	8,703,848	3,620,553,945	429.47	41.84
1890.....	921	4,258,893	1,624,844,506	358.03	24.35	1909.....	1,703	8,831,863	3,713,405,710	420.45	41.75
1900.....	1,002	6,107,083	2,449,547,885	401.10	31.78	1910.....	1,759	9,142,908	4,070,486,246	445.20	45.05
1901.....	1,007	6,358,723	2,597,054,580	408.30	33.44	1911.....	1,884	9,794,647	4,212,583,598	430.00	44.82

BANKING POWER OF THE UNITED STATES (1911).

CLASSIFICATION.	No.	Capital.	Surplus, etc.	Deposits.	Circulation.	Total.
National banks.....	7,277	\$1,019,633,152	\$913,500,903	\$85,526,446,798	\$681,740,513	\$8,141,321,966
State, etc., banks.....	17,115	932,777,993	1,152,073,936	10,428,283,553	.....	12,513,135,424
Nonreporting banks.....	4,159	80,000,000	560,000,000	.....	.....	680,000,000
Total.....	28,551	2,032,411,085	2,105,574,839	16,514,730,351	681,740,513	21,354,456,790

*Includes government deposits.

COINS OF THE UNITED STATES (1792-1911).

GOLD COINS.

Double Eagles—Authorized to be coined, act of March 3, 1849; weight, 516 grains; fineness, .900. Total amount coined to June 30, 1911, \$2,347,290,720. Full legal tender.

Eagles—Authorized to be coined, act of April 2, 1792; weight, 270 grains; fineness, .9167; weight changed, act of June 28, 1834, to 258 grains; fineness changed, act of June 28, 1834, to .899225; fineness changed, act of Jan. 18, 1837, to .900. Total amount coined to June 30, 1911, \$491,561,810. Full legal tender.

Half-Eagles—Authorized to be coined, act of April 2, 1792; weight, 135 grains; fineness, .9167; weight changed, act of June 28, 1834, to 129 grains; fineness changed, act of June 28, 1834, to .899225; fineness changed, act of Jan. 18, 1837, to .900. Total amount coined to June 30, 1911, \$369,792,015. Full legal tender.

Quarter-Eagles—Authorized to be coined, act of April 2, 1792; weight, 67.5 grains; fineness, .9167; weight changed, act of June 28, 1834, to 64.5 grains; fineness changed, act of June 28, 1834, to .899225; fineness changed, act of Jan. 18, 1837, to .900. Total amount coined to June 30, 1911, \$38,059,925. Full legal tender.

Three-Dollar Piece—Authorized to be coined, act of Feb. 21, 1853; weight, 77.4 grains; fineness, .900; coinage discontinued, act of Sept. 26, 1890. Total amount coined, \$1,619,376. Full legal tender.

One Dollar—Authorized to be coined, act of March 3, 1849; weight, 25.8 grains; fineness, .900; coinage discontinued, act of Sept. 26, 1890. Total amount coined, \$19,499,337. Full legal tender.

One Dollar, Louisiana Purchase Exposition—Authorized June 28, 1902; weight, 25.8 grains; fineness, .900. Total amount coined, \$250,000.

One Dollar, Lewis and Clark Exposition—Authorized April 13, 1904; weight, 25.8 grains; fineness, .900. Total amount coined, \$60,000.

SILVER COINS.

Dollar—Authorized to be coined, act of April 2, 1792; weight, 416 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 412½ grains; fineness changed, act of Jan. 18, 1837, to .900; coinage discontinued, act of Feb. 12, 1873. Total amount coined to Feb. 12, 1873, \$8,031,238. Coinage reauthorized, act of Feb. 28, 1873; coinage discontinued after July 1, 1891, except for certain purposes, act of July 14, 1890. Amount coined to June 30, 1911, \$578,303,848. Full legal tender except when otherwise provided in the contract.

Trade Dollar—Authorized to be coined, act of Feb. 12, 1873; weight, 420 grains; fineness, .900; legal tender limited to .55, act of June 22, 1874 (rev. stat.); coinage limited to export demand and legal tender quality repealed, joint resolution, July 22, 1876; coinage discontinued, act of Feb. 19, 1837. Total amount coined, \$35,965,924.

Lafayette Souvenir Dollar—Authorized by act of March 3, 1899; weight, 412½ grains; fineness, .900. Total amount coined, \$50,000.

Half-Dollar—Authorized to be coined, act of April 2, 1792; weight, 208 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 206½ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 192 grains; weight changed, act of Feb. 12, 1873, to 12½ grains, or 192.9 grains. Total amount coined to June 30, 1911, \$184,038,802.50. Legal tender, \$10.

Columbian Half-Dollar—Authorized to be coined, act of Aug. 5, 1892; weight, 192.9 grains; fineness, .900. Total amount coined, \$2,500,000. Legal tender, \$10.

Quarter-Dollar—Authorized to be coined, act of April 2, 1792; weight, 104 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 103½ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 96 grains; weight

changed, act of Feb. 12, 1873, to 6¼ grains, or 96.45 grains. Total amount coined to June 30, 1911, \$97,339,036.25. Legal tender, \$10.

Columbian Quarter-Dollar—Authorized to be coined, act of March 3, 1893; weight, 96.45 grains; fineness, .900. Total amount coined, \$10,000. Legal tender, \$10.

Twenty-Cent Piece—Authorized to be coined, act of March 3, 1875; weight, 5 grains, or 77.16 grains; fineness, .900; coinage prohibited, act of May 2, 1878. Total amount coined, \$271,000.

Dime—Authorized to be coined, act of April 2, 1792; weight, 41.6 grains; fineness, .89.24; weight changed, act of Jan. 18, 1837, to 41¼ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 38.4 grains; weight changed, act of Feb. 12, 1873, to 2½ grains, or 38.58 grains. Total amount coined to June 30, 1911, \$62,110,837. Legal tender, \$10.

Half-Dime—Authorized to be coined, act of April 2, 1792; weight, 20.8 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 20½ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 19.2 grains; coinage discontinued, act of Feb. 12, 1873. Total amount coined, \$4,880,219.40.

Three-Cent Piece—Authorized to be coined, act of March 3, 1851; weight, 12½ grains; fineness, .750; weight changed, act of March 3, 1853, to 11.52 grains; fineness changed, act of March 3, 1853, to .900; coinage discontinued, act of Feb. 12, 1873. Total amount coined, \$1,282,087.20.

MINOR COINS.

Five-Cent (nickel)—Authorized to be coined, act of May 16, 1866; weight, 77.16 grains; composed of 75 per cent copper and 25 per cent nickel. Total amount coined to June 30, 1911, \$34,756,967.85. Legal tender for \$1, but reduced to 25 cents by act of Feb. 12, 1873.

Three-Cent (nickel)—Authorized to be coined, act

of March 3, 1865; weight, 30 grains; composed of 75 per cent copper and 25 per cent nickel. Total amount coined, \$941,349.48. Legal tender for 60 cents, but reduced to 25 cents by act of Feb. 12, 1873. Coinage discontinued, act of Sept. 26, 1890.

Two-Cent (bronze)—Authorized to be coined, act of April 22, 1864; weight, 96 grains, composed of 95 per cent copper and 5 per cent tin and zinc. Coinage discontinued, act of Feb. 12, 1873. Total amount coined, \$912,020.

Cent (copper)—Authorized to be coined, act of April 2, 1792; weight, 264 grains; weight changed, act of Jan. 14, 1793, to 208 grains; weight changed by proclamation of the president, Jan. 26, 1796, in conformity with act of March 3, 1795, to 168 grains; coinage discontinued, act of Feb. 21, 1857. Total amount coined, \$1,562,837.44.

Cent (nickel)—Authorized to be coined, act of Feb. 21, 1857; weight, 72 grains; composed of 88 per cent copper and 12 per cent nickel. Coinage discontinued, act of April 22, 1864. Total amount coined, \$2,007,720.

Cent (bronze)—Authorized, act of April 22, 1864; weight, 48 grains; composed of 95 per cent copper and 5 per cent tin and zinc. Total amount coined to June 30, 1911, \$19,913,369.88. Legal tender, 25 cents.

Half-Cent (copper)—Authorized to be coined, act of April 2, 1792; weight, 132 grains; weight changed, act of Jan. 14, 1793, to 104 grains; weight changed by proclamation of the president, Jan. 26, 1796, in conformity with act of March 3, 1795, to 84 grains; coinage discontinued, act of Feb. 21, 1857. Total amount coined, \$39,926.11.

*TOTAL COINAGE.

Gold\$3,268,133,183.00

Silver 966,601,754.35

Minor 60,134,240.76

Total... 4,294,869,178.11

COINAGE, 1911.

Gold\$56,176,822.50

Silver 6,457,301.55

Minor 3,156,726.47

Total..... 65,790,850.52

*To end of fiscal year, June 30, 1911.

APPROXIMATE VALUE OF FOREIGN COINS.

(c, copper; g, gold; s, silver.)

COIN.	COUNTRY.	U. S. equivalent.	COIN.	COUNTRY.	U. S. equivalent.
Argentina, g.....	Argentine Republic.	\$4.82	Krone (see crown).....	Roumania.....	\$ 1.97
Balboa, g.....	Panama.....	1.00	Leu, s.....	Peru.....	\$.483
Bolivar, s.....	Venezuela.....	.19	Libra, g.....	Turkey.....	.19
Boliviano, s.....	Bolivia.....	.89	Lira, s.....	Turkey.....	4.40
Cash, c.....	China.....	.006	Mark, s.....	Finland.....	.19
Cent.....	China.....	.005	Mark, g.....	Turkey.....	.88
Centavo, c.....	Mexico.....	.005	Medjidie, g.....	Brazil.....	.55
Centime, c.....	France.....	.002	Milreis, g.....	Portugal.....	1.08
Colon, g.....	Costa Rica.....	.46	Napoleon, g.....	France.....	3.86
Condor, g.....	Colombia.....	10.00	Onik, s.....	Turkey.....	.40
Condor, g.....	Chile.....	7.30	Ore, c.....	Scandinavia.....	.0025
Condor, g.....	Ecuador.....	4.50	Para, s.....	Turkey.....	.001
Crown, s.....	Austria.....	.20	Penny, c.....	Great Britain.....	.02
Crown, s.....	Denmark.....	.27	Peseta, s.....	Spain.....	.19
Crown, s.....	Great Britain.....	1.22	Peso, g.....	Argentina Republic.....	.96
Crown, s.....	Norway.....	.27	Peso, g.....	Central America.....	.44
Crown, s.....	Sweden.....	.27	Peso, g.....	Chile.....	.56
Dinar, g.....	Servia.....	1.93	Peso, g.....	Colombia.....	1.00
Dinero, s.....	Peru.....	.05	Peso, g.....	Cuba.....	.21
Dollar, g.....	British Honduras.....	1.00	Peso, g.....	Mexico.....	.498
Dollar, g.....	Newfoundland.....	1.014	Peso, g.....	Philippines.....	.50
Dollar, g.....	British possessions.....	1.00	Peso, g.....	Uruguay.....	1.03
Dollar, g.....	Colombia.....	1.00	Pfennig, c.....	Germany.....	.0025
Dollar, g.....	Liberia.....	1.00	Plaster, s.....	Cochin China.....	.55
Dollar, g.....	Straits Settlements.....	.57	Plaster, s.....	Cyprus.....	.03
Dollar, s.....	China.....	.48	Plaster, s.....	Turkey.....	.04
Dollar, s.....	Santo Domingo.....	1.00	Pound, g.....	Egypt.....	4.94
Doubloon, g.....	Chile.....	3.65	Pound, g.....	Great Britain.....	4.87
Drachma, s.....	Greece.....	.19	Ruble, g.....	Russia.....	.51
Escudo, g.....	Chile.....	1.82	Ruppee, s.....	India.....	.32
Farthing, c.....	Great Britain.....	.005	Scudo, g, s.....	Italy.....	.95
Florin, s.....	Austria.....	.40	Sen, c.....	Japan.....	.005
Florin, s.....	Great Britain.....	.49	Shilling, s.....	Great Britain.....	.24
Florin, g.....	Netherlands.....	.19	Shilling, s.....	Great Britain.....	.12
Franc, s.....	France.....	.19	Sol, s.....	Peru.....	4.94
Franc, g.....	Belgium.....	.19	Soldo, c.....	Italy.....	.01
Gourde, s.....	Switzerland.....	.96	Sovereign, g.....	Great Britain.....	4.87
Guilder, s.....	Haiti.....	.40	Sucre, g.....	Ecuador.....	.49
Guinea, g.....	Netherlands.....	.40	Tael (customs), s.....	China.....	.73
Gulden, s.....	Great Britain.....	5.04	Tical, s.....	Siam.....	.37
Heller, s.....	Austria.....	.48	Yen, s.....	Japan.....	.498
Kopeck, c.....	Russia.....	.005			
Kraa, s.....	Persia.....	.17			

STATEMENT OF THE PUBLIC DEBT (JUNE 30, 1912).

INTEREST-BEARING DEBT.

TITLE OF LOAN.	Authorizing act.	Rate.	Issued.	Amount issued.	Total outstanding June 30, 1912.
Consols of 1930.....	March 14, 1900.....	2 per cent.....	1900.....	\$846,250,150	\$846,250,150
Loan of 1908-1918.....	June 13, 1898.....	3 per cent.....	1898.....	198,792,690	63,945,460
Loan of 1905.....	Jan. 14, 1875.....	4 per cent.....	1895-1896.....	162,315,400	118,489,900
Panama canal loan:					
Series 1906.....	June 28, 1902 & Dec. 21, 1905	2 per cent.....	1906.....	54,631,980	54,631,980
Series 1908.....	June 28, 1902 & Dec. 21, 1905	2 per cent.....	1908.....	30,000,000	30,000,000
Series 1911.....	Aug. 5, 1909, Feb. 4, 1910, and March 2, 1911	3 per cent.....	1911.....	50,000,000	50,000,000
Postal savings bonds:					
1911-31 (first series).....	June 25, 1910.....	2½ per cent.....	1911.....	41,900	41,900
1912-32 (second series).....	June 25, 1910.....	2½ per cent.....	1912.....	417,380	417,380
Aggregate int.-bearing debt.....				1,142,449,470	963,776,770

DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

Funded loan of 1891, continued at 2 per cent, called for redemption May 18, 1900; interest ceased Aug. 18, 1900.....					\$5,000.00
Funded loan of 1891, matured Sept. 2, 1891.....					23,650.00
Loan of 1904, matured Feb. 2, 1904.....					13,250.00
Funded loan of 1907, matured July 2, 1907.....					800,350.00
Refunding certificates, matured July 1, 1907.....					14,050.00
Old debt matured at various dates prior to Jan. 1, 1891, and other items of debt matured at various dates subsequent to Jan. 1, 1891.....					904,150.25
Aggregate of debt on which interest has ceased since maturity.....					1,760,450.25

DEBT BEARING NO INTEREST.

United States notes—Feb. 25, 1862; July 11, 1862; March 3, 1863.....					\$346,681,016.00
Old demand notes—July 17, 1861; Feb. 12, 1862.....					53,282.50
National bank notes—Redemption account—July 14, 1890.....					24,710,831.50
Fractional currency—July 17, 1862; March 3, 1863; June 30, 1864, less \$8,375,364 estimated as lost or destroyed, act of June 21, 1879.....					6,856,154.90
Aggregate of debt bearing no interest.....					378,301,284.90

CERTIFICATES AND NOTES ISSUED ON DEPOSITS OF COIN AND SILVER BULLION.

CLASSIFICATION.	In circulation.	In the treasury.	Out-standing.
Gold certificates—March 3, 1863; July 12, 1882; March 14, 1900.....	\$342,692,184	\$97,365,185	\$1,040,057,369.00
Silver certificates—Feb. 28, 1878; Aug. 4, 1896; March 3, 1897; March 14, 1900.....	469,049,230	12,499,770	481,549,000.00
Treasury notes of 1890—July 14, 1890; March 14, 1900.....	2,919,095	9,905	2,929,000.00
Aggregate of certificates and treasury notes offset by cash in the treasury.....	1,414,660,509	109,874,860	1,524,535,369.00

RECAPITULATION.

Classification.	June 30, 1912.	May 31, 1912.
Interest-bearing debt.....	\$863,776,770.00	\$863,776,770.00
Debt on which interest has ceased since maturity.....	1,760,450.25	1,765,210.25
Debt bearing no interest.....	378,301,284.90	379,212,852.90
Aggregate of interest and noninterest bearing debt.....	1,343,838,505.16	1,344,754,833.16
Certificates and treasury notes offset by an equal amount of cash in treasury.....	1,524,535,369.00	1,521,075,369.00

CASH IN THE TREASURY.

Reserve fund—Gold coin and bullion.....			\$150,000,000.00
Trust funds—Gold coin and bullion.....			\$1,040,057,369.00
Silver dollars.....			481,549,000.00
Silver dollars of 1890.....			2,929,000.00
General fund—Certified checks on banks.....	\$727,998.19		
Gold coin.....	15,996,877.90		
Gold certificates.....	97,365,185.00		
Silver certificates.....	12,499,770.00		
Silver dollars.....	13,470,641.00		
Silver bullion.....	2,067,109.04		
United States notes.....	8,758,836.00		
Treasury notes of 1890.....	9,905.00		
National bank notes.....	39,938,687.70		
Subsidiary silver coin.....	25,581,047.88		
Fractional currency.....	297.43		
Minor coin.....	2,385,756.18		
Bonds and interest paid, awaiting reimbursement.....	34,178.40	218,836,346.72	
In national bank depositories:			
To credit of treasurer of United States.....	37,574,507.28		
To credit of United States disbursing officers.....	10,682,470.02	48,156,977.30	
In treasury of Philippine Islands—			
To credit of treasurer of United States.....	1,127,393.75		
To credit of United States disbursing officers.....	3,637,575.95	4,764,969.70	271,758,293.72
Total.....			1,946,293,662.72
Gold certificates.....	\$1,040,057,369.00		
Silver certificates.....	481,549,000.00		
Treasury notes of 1890.....	2,929,000.00	1,524,535,369.00	
National bank 5 per cent fund.....	24,349,434.05		
Outstanding checks and warrants.....	6,775,948.50		
Disbursing officers' balances.....	66,406,513.88		
Postoffice department account.....	4,192,381.31		
Miscellaneous items.....	3,770,208.10	105,494,485.84	1,630,029,854.84
Reserve fund.....		150,000,000.00	
Balance in general fund.....		166,263,807.88	316,263,807.88
Total.....			1,946,293,662.72
Balance in the treasury May 31, 1912, exclusive of reserve and trust funds.....			\$126,997,557.98
Balance in the treasury June 30, 1912, exclusive of reserve and trust funds.....			166,263,807.88
Increase during the month.....			\$3,266,249.90

CIRCULATION STATEMENT (JULY 1, 1913).

CLASSIFICATION.	General stock of money in the U. S. June 1, 1912.	General stock of money in the U. S. July 1, 1912.	Held in treasury as assets of the government July 1, 1912.	MONEY IN CIRCULATION.		
				July 1, 1912.	July 1, 1911.	Jan. 1, 1879
Gold coin (including bullion in treas.)	*\$1,813,036,395	\$1,813,409,440	\$165,996,878	\$607,445,193	\$568,997,977	\$96,262,580
Gold certificates†			97,365,185	942,692,184	983,800,529	21,186,280
Standard silver dollars	565,322,367	565,350,367	13,470,641	70,330,726	72,443,439	5,790,721
Silver certificates			12,499,770	469,049,230	455,412,300	413,300
Subsidiary silver	*\$169,884,577	166,812,806	25,561,048	141,231,758	138,316,669	67,982,601
Treasury notes of 1890	2,357,000	2,929,000	9,905	2,919,065	3,236,965	
United States notes	346,681,016	346,681,016	8,758,938	337,922,123	340,540,540	\$310,268,000
National bank notes	745,492,672	745,134,992	89,368,688	705,196,304	690,848,663	814,539,398
Total	3,613,374,027	3,640,407,621	363,621,008	3,276,786,613	3,228,627,002	816,266,721

Population of continental United States July 1, 1912, estimated at 95,656,000; circulation per capita, \$34.26.

*A revised estimate by the director of the mint of the stock of gold coin was adopted in the statement for Aug. 1, 1907. There was a reduction of \$135,000,000.

†A revised estimate by the director of the mint of the stock of subsidiary silver coin was adopted in the statement of Sept. 1, 1910. There was a reduction of \$9,700,000.

‡For redemption of outstanding certificates an act equivalent in amount of the appropriate kinds

of money is held in the treasury, and is not included in the account of money held as assets of the government.

§This statement of money held in the treasury as assets of the government does not include deposits of public money in national bank depositaries to the credit of the treasurer of the United States, amounting to \$37,574,507.28.

¶A full statement of assets see public debt statement.

‡Includes \$33,190,000 currency certificates, act June 8, 1872.

PUBLIC DEBT OF THE UNITED STATES.

Outstanding principal on Jan. 1 of each year from 1791 to 1843, inclusive, and on July 1 of each year since

Year.	Amount.	Year.	Amount.	Year.	Amount.	Year.	Amount.
1791	\$75,463,476.52	1816	\$127,394,393.74	1841	\$5,250,875.54	1866	\$2,680,647,869.74
1792	77,227,924.66	1817	123,591,965.16	1842	5,294,480.73	1867	2,773,229,463.69
1793	80,568,634.04	1818	103,466,633.83	1843	20,201,226.27	1868	2,678,126,103.87
1794	78,427,404.77	1819	95,529,648.28	1844	32,742,922.00	1869	2,611,687,851.19
1795	80,747,587.39	1820	91,015,566.15	1845	23,461,652.50	1870	2,588,452,213.94
1796	83,762,172.07	1821	89,987,427.66	1846	15,925,303.01	1871	2,480,672,427.81
1797	82,064,479.33	1822	93,546,676.98	1847	15,500,202.97	1872	2,353,211,332.32
1798	79,228,529.12	1823	90,875,877.28	1848	38,826,534.77	1873	2,253,261,328.78
1799	78,408,069.77	1824	90,269,777.77	1849	47,044,862.23	1874	2,234,452,963.20
1800	82,976,234.35	1825	83,768,339.71	1850	63,068,339.69	1875	2,251,690,468.43
1801	83,068,060.80	1826	81,555,059.90	1851	63,452,773.55	1876	2,233,234,531.95
1802	80,712,632.25	1827	75,957,202.20	1852	68,304,796.02	1877	2,180,395,067.15
1803	77,054,686.40	1828	67,475,043.87	1853	66,199,341.71	1878	2,205,301,392.10
1804	86,427,120.88	1829	58,421,413.67	1854	59,803,117.70	1879	2,256,205,892.53
1805	82,312,150.50	1830	48,565,406.50	1855	42,242,222.42	1880	2,340,567,232.04
1806	75,723,270.66	1831	39,123,191.68	1856	35,586,566.56	1881	2,120,415,370.63
1807	69,218,398.64	1832	24,322,235.18	1857	31,932,337.90	1882	2,069,013,569.58
1808	65,196,317.97	1833	7,001,686.58	1858	28,689,831.85	1883	1,915,312,934.03
1809	57,023,192.09	1834	4,760,822.68	1859	44,911,831.03	1884	1,854,171,738.07
1810	53,173,217.52	1835	33,739.05	1860	58,497,837.88	1885	1,830,528,923.57
1811	49,005,587.76	1836	37,513.05	1861	64,842,287.72	1886	1,863,964,873.14
1812	45,209,737.90	1837	336,957.33	1862	50,580,873.78	1887	1,775,063,013.78
1813	45,962,827.57	1838	3,308,124.07	1863	524,176,412.13	1888	1,657,002,592.63
1814	81,487,846.24	1839	10,424,221.14	1864	1,179,172,138.63	1889	1,602,855,984.58
1815	99,839,060.15	1840	3,573,343.32	1865	1,815,784,370.57	1890	1,619,632,922.23

ANALYSIS OF THE PUBLIC DEBT.

JULY 1.	Debt on which interest has ceased.	Debt bearing no interest.*	Outstanding principal.	Cash in the treasury.	Principal of debt less cash in treasury.	Population of the United States.	Debt per capita.	Interest per capita.
1890	\$1,815,805.26	\$825,011,289.47	\$1,552,140,204.73	\$661,355,834.20	\$824,465,218.53	62,947,114	\$14.22	\$0.47
1891	1,614,705.26	953,762,766.35	1,545,996,591.61	694,083,839.83	851,912,751.78	63,844,000	13.54	.57
1892	2,785,875.26	1,000,448,939.37	1,548,464,144.63	746,937,691.03	841,526,453.60	65,086,000	12.39	.95
1893	2,094,620.26	958,854,525.87	1,545,985,686.13	707,016,210.89	838,969,475.25	66,949,000	12.64	.95
1894	888,240.26	905,360,506.42	1,392,233,696.89	732,940,256.13	659,293,440.76	67,632,000	12.42	.35
1895	1,721,590.26	958,197,331.90	1,075,120,983.25	811,061,686.46	864,059,314.78	68,034,000	13.08	.42
1896	1,690,890.26	920,839,534.14	1,769,840,323.40	953,905,635.51	915,934,687.89	70,254,000	13.60	.49
1897	1,346,880.26	968,900,655.64	1,817,672,665.90	925,649,765.87	992,022,900.03	71,592,900	13.78	.48
1898	1,262,680.26	947,901,845.64	1,736,531,995.90	769,446,508.76	1,027,085,487.14	72,947,000	14.08	.47
1899	1,218,300.26	944,690,256.66	1,901,927,306.92	836,607,071.73	1,155,320,235.19	74,318,000	15.55	.64
1900	1,776,320.26	1,112,305,911.41	2,136,961,091.67	1,029,219,853.78	1,107,741,237.89	75,994,575	14.88	.44
1901	1,415,090.26	1,154,770,573.63	2,143,326,368.91	1,068,567,819.92	1,044,758,548.97	77,612,569	13.46	.38
1902	1,290,890.26	1,226,250,545.78	2,158,610,454.89	1,129,153,304.85	969,457,149.04	79,230,653	12.24	.35
1903	1,205,090.26	1,286,718,281.63	2,202,464,781.89	1,277,453,144.58	925,011,637.31	80,488,557	11.44	.32
1904	1,970,920.26	1,396,875,224.88	2,264,003,585.14	1,296,771,811.39	967,231,773.75	82,466,551	11.73	.29
1905	1,370,245.26	1,378,086,478.58	2,274,615,063.84	1,365,467,439.06	909,147,624.78	84,084,545	11.77	.29
1906	1,128,135.26	1,440,874,563.78	2,337,161,839.04	1,372,726,152.25	964,435,686.79	85,702,539	11.25	.27
1907	1,096,815.26	1,561,266,906.96	2,457,188,061.54	1,578,591,306.51	878,596,755.03	87,320,933	10.60	.25
1908	4,190,015.26	1,725,172,266.28	2,626,806,271.54	1,688,673,662.16	958,132,609.38	88,938,527	10.55	.21
1909	2,883,855.26	1,724,344,895.78	2,639,549,241.04	1,615,844,710.25	1,023,704,530.79	90,556,521	11.31	.21
1910	2,124,895.26	1,726,250,545.78	2,632,665,838.04	1,606,235,632.79	1,046,429,205.25	92,174,515	11.15	.21
1911	1,673,890.26	1,848,367,690.43	2,765,600,606.69	1,749,816,268.23	1,015,884,338.46	93,792,509	10.83	.24
1912	1,760,450.26	1,904,597,104.16	2,868,373,874.16	1,948,238,682.72	1,020,080,214.44	95,656,000	10.65	.....

*Includes certificates issued against gold, silver and currency deposited in the treasury.

NATIONAL DEBTS, REVENUES AND EXPENDITURES.

[From report of bureau of statistics, Washington, D. C.]

COUNTRY.	Year.	Total debt in United States currency.	Rates of interest. Per ct.	Interest and other annual charges (budget estimate).	Revenue.	Expenditure.	PER CAPITA OF—			
							Debt.	Interest.	Revenue.	Expenditure.
Argentina.....	1911	\$639,516,000	4-7	\$30,600,000	\$136,915,000	\$137,394,000	\$91.50	\$4.38	\$19.59	\$19.66
Australian Commonwealth.....	1910				36,426,000	36,496,000			8.19	8.19
States.....	1910	1,233,726,000	3-4	50,849,000	179,850,000	212,947,000				
New Zealand.....	1910	364,942,000	4-4	11,068,000	55,150,000	54,540,000	363.05	11.58	54.71	54.10
Austria-Hungary.....	1910	1,059,750,000	3-5	42,732,000	90,931,000	87,799,000	20.66		1.77	1.71
Austria.....	1911	1,408,191,000	3-5	54,526,000	572,157,000	572,094,000	46.23	1.79	18.78	18.78
Hungary.....	1911	1,159,554,000	3-5	58,887,000	593,519,000	593,509,000	55.64	2.83	16.29	16.29
Belgium.....	1911	719,414,000	2½-3	28,321,000	127,134,000	127,029,000	96.70	3.77	16.91	16.90
Bolivia.....	1911	43,627,000			8,222,000	11,980,000		2.18		
Bolivia.....	1910	11,427,000	5½-6	754,000	5,271,000	5,407,000	5.04	3.33	2.32	2.38
Brazil.....	1910	815,032,000	4-5	28,639,000	174,010,000	192,415,000	38.60	1.36	8.24	9.11
Bulgaria.....	1910	108,327,000	4½-6	7,485,000	33,244,000	33,211,000	25.02	1.73	7.68	7.67
Canada.....	1910	470,663,000	2½-4	14,898,000	101,504,000	79,412,000	66.46	1.10	14.33	11.21
Central America—Costa Rica.....	1910	13,008,000	4-5	628,000	5,344,000	5,334,000	34.23	1.65	14.04	14.04
Guatemala.....	1910	17,976,000		1,717,000	3,094,000	2,758,000	9.24	.86	1.55	1.38
Honduras.....	1910	19,140,000	5-10	220,000	1,638,000	204,590	4.40	4.25	2.92	
Nicaragua.....	1910	9,742,000	6	394,000	1,518,000	1,205,000	16.24	.66	2.63	0.01
Panama.....	1910	125,000	7	9,000	3,371,000	3,439,000		.32	0.27	0.89
Salvador.....	1910	13,149,000	2-6	1,317,000	5,301,000	5,282,000	7.70	.77	3.11	3.09
Chile.....	1910	164,845,000	4½-5	6,769,000	64,049,000	73,943,000	47.10	1.93	18.30	21.13
China.....	1911	636,822,000	4-7	33,696,000	193,735,000	229,031,000	1.90	1.00	.58	.68
Colombia.....	1911	25,240,000	3-6	1,440,000	9,780,000	11,338,000	5.26	.30	2.04	2.37
Cuba.....	1910	62,085,000	4½-6	4,359,000	41,615,000	40,593,000	27.76	2.01	19.28	18.80
Denmark.....	1910	30,870,000	5-4	2,580,000	39,247,000	36,092,000	29.14	.93	13.06	12.86
Ecuador.....	1909	21,175,000	3-10	1,242,000	7,967,000	7,575,000	14.12	.83	5.31	5.05
Egypt.....	1911	462,182,000	4-5	17,651,000	76,816,000	74,145,000	40.95	1.56	6.81	6.57
France.....	1911	6,280,791,000	2½-3	186,016,000	846,631,000	846,587,000	158.60	4.70	21.38	21.33
Algeria.....	1911	10,289,000	3½	3,291,000	27,898,000	27,897,000	1.96	.63	5.33	5.38
Tunis.....	1910	45,196,000		2,210,000	12,736,000	12,735,000	20.28	1.01	5.71	5.71
Indo-China.....	1909	65,831,000	2½-3½	2,106,000	23,862,000	23,862,000	3.87	1.14	1.40	1.40
Colonies, N. E. S.....	1909	97,257,000	3-4	2,314,000	29,264,000	28,976,000	2.22	.09	1.13	1.12
German Empire.....	1912	1,224,800,000	3-4	68,068,000	695,100,000	696,100,000	18.86	1.05	10.72	10.72
States.....	1910	3,671,205,000	3-4	156,147,000	1,345,965,000	1,333,012,000	56.54	2.40	20.73	20.58
Colonies.....	1911	20,130,000		714,000	21,910,000	25,032,000		0.54	.57	.00
Greece.....	1910	163,192,000	2½-5	5,966,000	27,321,000	27,025,000	62.00	2.27	10.38	10.26
Haiti.....	1911	48,912,000	2½-6	2,563,000	5,019,000	4,978,000	24.05	1.26	2.86	2.45
India—British.....	1911	1,294,287,000	3-3½	50,119,000	391,938,000	374,958,000	4.11	1.16	1.24	1.19
Italy.....	1912	2,604,363,000	3-5	97,177,000	479,431,000	469,467,000	75.08	2.80	13.82	13.53
Japan.....	1912	1,319,897,000	4-5	73,635,000	283,314,000	283,314,000	26.00	1.45	6.58	5.58
Formosa.....	1912				21,739,000	21,739,000			6.41	6.41
Korea.....	1912	14,889,000	6-9½	865,000	24,373,000	24,273,000	1.15		1.88	1.86
Liberia.....	1910	1,290,000	6	—	370,000	370,000			.24	.24
Luxemburg.....	1910	2,091,000	3½	204,000	3,352,000	3,679,000	8.04	.78	13.58	14.15
Mexico.....	1910	218,447,000	3-5	13,073,000	52,952,000	47,324,000	14.50	.87	8.52	8.14
Netherlands.....	1911	448,982,000	2½-3	14,921,000	78,083,000	83,930,000	76.64	2.55	12.48	14.67
East Indies.....	1910				78,954,000	86,636,000			2.08	2.28
Dutch West Indies, etc.....	1911				2,881,000	3,342,000			20.00	23.21
Norway.....	1910	88,352,000	3-3½	4,144,000	32,761,000	31,289,000	36.88	1.73	13.69	13.08
Paraguay.....	1910	5,821,000	3-7	335,000	2,154,000	2,587,000	7.28	1.04	2.69	3.21
Peru.....	1910	26,233,000	1-5½	542,000	13,606,000	13,069,000	6.76	.12	2.98	2.57
Portugal.....	1910	875,064,000	3-5	35,248,000	78,144,000	81,131,000	161.36	6.50	14.41	14.96
Colonies.....	1911				12,345,000	12,600,000			1.44	1.47
Roumania.....	1911	299,758,000	3½-7½	17,121,000	88,988,000	88,988,000	48.03	2.46	12.77	12.77
Russia.....	1912	4,650,607,000	3-6	208,345,000	1,532,255,000	1,532,255,000	28.93	1.29	9.63	9.53
Finland.....	1909	34,683,000	3-4½	1,595,000	35,098,000	34,179,000	11.33	.52	11.67	11.17
Santo Domingo.....	1910	13,459,000	5	1,200,000	4,706,000	4,645,000	19.97	1.78	6.98	6.89
Serbia.....	1911	131,135,000	4-5	6,605,000	23,186,000	23,176,000	44.88	2.23	7.93	7.93
Siem.....	1910	10,103,000	4½	458,000	2,688,000	27,059,000	1.45	.17	3.31	3.37
Spain.....	1910	1,911,254,000	3-5	78,818,000	226,242,000	217,745,000	98.00	4.04	11.60	11.16
Sweden.....	1911	141,083,000	3-4	5,119,000	61,080,000	61,080,000	25.55	.93	11.06	11.06
Switzerland.....	1910	24,015,000	3-4	1,215,000	29,747,000	30,774,000	6.40	.32	7.93	8.20
Turkey.....	1912	570,640,000	3½-4	79,784,000	125,301,000	159,301,000	22.95	8.21	6.04	6.41
United Kingdom.....	1911	3,567,498,000	2½-3½	119,492,000	992,039,000	837,017,000	73.64	2.63	21.87	18.45
Colonies, N. E. S.....	1910	720,477,000	2½-6	24,398,000	154,294,000	162,182,000	18.57	.62		
United States.....	1911	1,015,784,000	2-4	21,311,000	997,585,000	994,587,000	10.88	.23	10.66	10.32
Philippines.....	1910	1,193,000	4	392,000	12,723,000	13,689,000	1.45	.17	1.11	1.35
Uruguay.....	1911	138,733,000	3½-5	8,527,000	24,145,000	24,127,000	121.81	7.37	21.71	21.70
Venezuela.....	1912	88,744,000		1,924,000	9,968,000	9,850,000	14.42	.72	3.67	3.67
Total.....		41,446,175,000		1,638,175,000	1,124,399,000	1,114,409,000				

NOTE—The years for which the revenues and expenditures are given are approximately, but not in all cases, the same as those for the debts.

EARTHQUAKE IN ILLINOIS AND WISCONSIN.

Northern Illinois, southern Wisconsin and eastern Iowa were visited by a slight earthquake shock shortly after 10 o'clock Tuesday, Jan. 2, 1912. No damage was done. The quake was distinctly felt in Chicago at 10:21 a. m., the motion apparently being from east to west. Among the towns affected by the tremor were Chicago, Aurora, Elgin, Morris, Dixon, Galesburg, Rockford, Freeport, Sterling, Ottawa, Waukegan, Joliet, Dekalb, Mendota, Madison and Lockport in Illinois; Milwaukee, Janesville and Kenosha in Wisconsin and Davenport in Iowa.

IMPORTS OF MERCHANDISE.

Fiscal years ended June 30.

ARTICLES IMPORTED.	1910.		1911.		1912.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Animals.....		\$7,339,670		\$6,850,964		\$7,580,555
Antimony—Ore.....	lbs 55,552	1,432				
Regulus or metal.....	lbs 700,772	45,830				
Ore, regulus or metal.....	lbs 8,849,068	608,568	10,036,401	541,588	13,919,164	633,218
Art works.....		21,088,820		22,495,842		36,092,535
Asbestos, unmanufactured.....	tons 47,510	1,122,063	57,124	1,315,533	60,541	1,378,521
Asphaltum and bitumen.....	tons 146,371	712,551	152,568	707,746	193,575	885,304
Automobiles.....	No. 1,473	2,351,446	888	1,898,843	963	2,134,151
Parts of.....		985,638		351,916		304,144
Beads and bead ornaments.....		1,230,471		1,163,752		1,905,289
Bones, unmanufactured.....		1,067,911		1,168,924		1,038,653
Brass, for manufacture.....	lbs 6,504,212	795,385	3,954,423	518,562	4,203,955	437,940
Breadstuffs.....		8,500,579		13,452,732		18,529,764
Bristles.....	lbs 3,902,530	5,111,872	3,542,915	2,970,481	3,452,975	3,047,027
Brushes.....		1,732,201		2,241,066		2,067,149
Buttons.....		1,055,645		762,888		1,150,395
Cement.....	lbs 103,101,736	602,833	932,940	324,949	451,979	108,802
Chemicals, drugs and dyes.....		90,964,241		95,101,006		92,029,625
Clays or earths.....	tons 237,126	1,919,668	303,473	1,946,712	324,338	2,036,261
Clocks and parts of.....		701,852		802,282		681,972
Watches and parts of.....		1,869,402		2,230,675		2,313,677
Coal, bituminous.....	tons 1,624,791	4,460,919	1,761,210	4,975,914	1,300,242	3,711,479
Cocoa or cacao (crude).....	lbs 108,668,070	11,376,091	138,053,841	14,552,579	145,968,945	15,531,556
Prepared.....	lbs 1,107,203	516,118				9,833,513
Coffee.....	871,489,516	69,194,353	875,336,797	90,567,788	885,201,247	117,838,543
Copper—Ore.....	tons 398,172	6,515,353	370,834	5,796,065	433,277	6,631,378
Matte and regulus.....	tons 26,949	2,757,192	30,616	1,863,476	29,294	2,731,304
Pigs, ingots, bars, etc.....	lbs 247,966,570	30,887,841	268,138,621	31,966,223	282,851,320	35,791,011
Cork, wood or bark.....		3,152,280		4,274,510		3,242,319
Manufactures of.....		1,619,111		2,335,003		2,346,415
Cotton—Unmanufactured.....	lbs 86,037,691	15,816,138	113,768,315	24,776,520	109,780,071	20,271,581
Manufactures of.....		62,473,143		68,306,511		66,242,785
Diamonds, uncut.....		10,232,604		9,280,943		9,833,513
Cut but not set.....		29,540,074		24,407,295		24,537,150
Total diamonds, precious stones, etc.....		47,739,801		40,638,137		41,237,759
Earthen, stone and china ware.....		11,021,126		11,411,635		9,997,698
Feathers, natural and artificial.....		11,992,053		9,845,344		8,480,029
Fertilizers.....		8,371,893		10,150,147		10,046,728
Fibers—Unmanufactured.....	tons 305,431	32,418,339	290,844	30,752,250	326,479	34,627,866
Manufactures of.....		62,473,143		54,765,989		59,659,843
Fish.....		13,838,368		14,639,514		15,533,341
Fruits and nuts.....		37,423,827		41,515,067		45,777,699
Furs—Undressed.....		15,589,258		15,351,001		17,339,198
Manufactures of.....		11,008,366		8,287,947		8,533,029
Glass and glassware.....		6,553,764		6,881,891		6,210,635
Grease and oils (free).....		1,165,594		1,335,392		1,490,325
Hair, unmanufactured.....	lbs 6,019,476	8,019,476	19,207,601	4,755,131	17,177,299	4,994,728
Hats, bonnets, etc., and materials for.....		7,850,530		7,513,231		5,010,046
Hay.....	tons 608,619,028	112,247,836	674,801,306	70,504,380	537,770,098	6,473,220
Hides and skins.....	lbs 1,405,432	1,405,432		1,633,042		1,707,171
Hide cuttings, raw.....		1,499,354	8,557,531	2,706,000	2,961,125	2,231,348
Hops.....	lbs 5,090,294	5,090,294		4,975,369		4,702,955
Household goods, etc.....		106,861,496		92,910,513		105,037,506
India rubber—Unmanufactured.....		1,234,914		935,408		1,003,162
Manufactures of.....	tons 2,381,676	6,769,334	2,133,633	6,691,711	2,004,240	6,119,575
Iron and steel, manufactures of.....		33,232,457		34,205,968		26,551,040
Ivory—Animal.....	lbs 502,478	1,537,267	554,444	1,830,335	518,917	1,347,077
Vegetable.....	lbs 27,066,716	1,104,924	20,851,496	772,065	29,076,847	1,393,422
Jewelry.....		1,576,023		1,874,809		1,156,975
Lead and manufactures of.....	lbs 210,853,263	3,915,252	208,709,726	4,196,760	189,084,460	3,937,560
Leather and manufactures of.....		16,865,937		14,636,720		16,166,706
Manganese, ore and oxide.....	tons 237,037	1,592,073	209,211	1,453,177	197,959	1,292,425
Marble and stone.....		1,926,714		1,827,423		1,853,461
Mattings and mats.....	sq yds 33,578,542	2,424,759	26,229,252	1,947,691	25,870,411	1,819,224
Meat and dairy products.....		16,033,454		13,830,335		13,734,500
Metals and manufactures of.....		10,099,073		9,607,015		2,482,963
Musical instruments.....		1,347,892		1,023,100		1,614,415
Nickel ore and matte.....		3,618,746		3,946,293		4,565,818
Olecloths.....	sq yds 4,848,615	1,834,640	5,221,964	2,102,612	4,450,400	1,917,968
Oils of all kinds.....		24,299,589		33,023,687		31,348,602
Paints, pigments and colors.....		1,914,985		2,045,548		1,905,491
Paper stock, crude.....		5,206,877		6,481,690		5,918,355
Books and other printed matter.....		6,033,075		6,636,615		6,681,624
Printing paper.....	lbs 92,911,514	1,920,801	114,413,293	2,507,574	119,573,074	2,482,967
Perfumeries, cosmetics, etc.....		17,538,755		18,628,880		17,300,349
Pipes and smokers' articles.....		1,214,792		1,534,537		1,645,962
Plants, trees, shrubs, etc.....		1,040,750		1,445,002		1,478,090
Platinum.....	oz 118,860	2,809,200	116,232	2,729,440		2,995,029
Plumbago.....	tons 21,696	1,894,266	20,156	1,679,625	18,591	1,428,386
Rice, rice flour.....	lbs 225,400,545	4,361,237	208,774,791	4,124,578	190,063,331	4,435,025
Salt.....	lbs 296,300,273	395,363	291,339,057	4,507,524	289,681,516	384,164
Seeds.....		14,693,776		29,759,955		25,683,467
Shells, unmanufactured.....		1,827,199		1,248,764		2,229,132

IMPORTS OF MERCHANDISE—CONTINUED.

ARTICLES IMPORTED.	1910.		1911.		1912.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Silk—Unmanufactured.....		\$67,115,177		\$74,924,004		\$69,541,672
Manufactures of.....		32,888,450		31,900,054		27,204,364
Soap.....		746,721		830,744		797,626
Spices..... lbs	43,793,258	3,483,450	53,222,912	4,946,200	63,116,598	5,974,170
Spirits—Malt liquors..... gals	7,312,748	3,263,953	7,293,892	3,396,896	7,175,405	3,279,926
Distilled..... gals	4,382,067	7,112,857	3,674,350	6,076,929	3,650,736	6,463,228
Wines.....		13,007,203		8,531,613		9,591,451
Sugar..... lbs	4,064,545,936	106,349,005	3,387,978,265	96,691,048	4,104,618,393	115,516,079
Sulphur ore..... tons	729,502	2,626,705	894,281	3,109,089	965,296	3,919,450
Tea..... lbs	85,626,370	13,671,946	102,653,942	17,613,569	101,406,816	18,207,141
Tin..... lbs	101,134,508	30,869,532	103,439,058	37,935,978	111,204,452	46,214,198
Tobacco—Leaf..... lbs	46,838,330	27,751,279	45,927,230	27,855,996	53,006,779	41,918,670
Manufactures of.....		4,082,592		5,416,496		6,470,706
Toys.....		6,589,781		7,364,835		7,303,582
Vegetables.....		8,279,571		9,293,855		15,544,873
Wood and manufactures of.....		54,422,504		62,381,806		52,502,191
Wool—Unmanufactured..... lbs	263,939,584	51,220,844	137,647,641	23,228,005	193,400,713	33,078,542
Manufactures of.....		28,632,175		18,569,791		14,912,619
Total value merchandise*..... { free		756,161,396		776,972,459		881,670,830
..... { dut.		801,658,592		750,253,646		771,684,104
Total value imports*.....		1,557,819,988		1,527,226,105		1,653,354,934

*Includes all articles specified and unspecified in above table.

EXPORTS OF DOMESTIC MERCHANDISE.

Fiscal years ended June 30.

ARTICLES EXPORTED.	1910.		1911.		1912.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Agricultural implements.....		\$28,124,033		\$35,973,398		\$35,640,005
Animals—Cattle..... No.	139,430	12,200,154	150,100	13,163,920	105,506	8,970,073
Hogs..... No.	4,410	46,955	8,551	74,032	19,038	159,370
Horses..... No.	28,910	4,081,157	25,145	3,845,253	34,828	4,764,815
Mules..... No.	4,512	614,084	6,585	1,070,051	4,901	732,095
Sheep..... No.	44,517	209,000	121,491	636,272	157,263	626,985
All other.....		158,756		259,125		294,647
Total animals, including fowls.....		17,447,735		19,048,653		15,447,987
Art works.....		1,065,695		680,506		943,427
Brass.....		4,355,561		6,290,992		43,190,942
Breadstuffs—Barley..... bu	4,311,306	3,052,527	9,399,348	5,381,395	1,588,242	1,267,999
Bread and biscuit..... lbs	13,064,693	767,151	14,022,092	800,068	12,973,048	727,280
Buckwheat..... bu	158,160	103,138	223	186	180	147
Corn..... bu	36,802,374	25,427,993	63,761,458	35,961,479	40,038,795	28,957,450
Cornmeal..... brls	331,631	1,147,568	463,266	1,456,688	439,627	1,519,792
Oats..... bu	1,685,474	794,367	2,014,912	832,710	2,171,503	1,185,635
Oatmeal..... lbs	15,538,535	521,658	32,416,892	1,043,867	9,112,433	376,188
Rye..... bu	219,756	168,066	2,623	5,548		4,844
Rye flour..... brls	3,751	15,240	6,250	24,182	4,306	17,029
Wheat..... bu	46,670,876	47,806,598	23,729,302	22,040,273	30,160,212	28,477,584
Wheat flour..... brls	9,040,987	47,621,467	10,129,435	49,386,946	11,006,487	50,999,797
Total breadstuffs (all kinds).....		133,191,330		124,913,537		123,979,715
Cars, automobiles, cycles, etc.....		20,630,859		40,551,995		42,693,403
Celluloid and manufactures of.....		1,189,080		1,694,214		2,084,371
Cement..... brls	1,715,169	2,292,376	2,971,274	4,349,290	3,423,742	5,085,026
Chemicals, drugs and medicines.....		21,415,385		23,007,414		25,117,217
Clocks and watches.....		2,588,931		3,126,771		3,542,115
Coal..... tons	13,367,072	40,612,546	14,985,487	45,013,436	17,688,949	52,648,750
Coke..... tons	872,013	3,077,372	948,474	3,300,964	806,819	2,998,191
Coffee—Green..... lbs	45,514,438	5,705,796	34,853,600	5,107,949	40,779,639	6,864,668
Roasted..... lbs	1,210,846	196,548	1,484,290	272,532	1,465,767	306,090
Copper—Ore..... tons	51,445	1,804,887	41,962	1,095,286	66,625	3,123,895
Manufactures of.....		88,004,397		103,813,110		113,958,919
Cotton—Unmanufactured..... lbs	3,206,708,226	450,447,243	4,033,940,915	565,318,893	5,535,125,429	565,849,271
Manufactures of.....		33,397,097		40,851,918		50,769,511
Dental goods.....		1,746,260		2,433,231		2,656,917
Earthen, stone and china ware.....		801,557		3,138,188		4,481,382
Eggs..... doz	5,325,936	1,260,456	8,556,712	1,787,019	15,405,609	3,395,953
Explosives.....		3,532,093		4,763,245		5,050,857
Fertilizers..... tons	1,050,537	8,700,640	1,262,501	10,721,132	1,276,520	10,873,908
Fibers, bags, cordage, twine.....		5,088,494		6,576,649		7,753,979
All other.....		439,045		690,412		658,066
Fish.....		9,652,088		7,638,321		8,640,388
Fruits and nuts.....		18,885,654		24,498,465		30,963,638
Furs and fur skins.....		14,501,635		10,473,517		14,975,449
Glass and glassware.....		2,805,491		3,246,391		3,494,153
Glucose and grape sugar..... lbs	149,820,088	3,415,210	181,963,046	3,395,383	171,156,259	3,916,877
Grease and soap stock.....		4,617,426		5,177,551		6,679,692
Hair and manufactures of.....		1,142,845		1,274,345		1,426,111
Hay..... tons	55,007	1,070,907	55,223	1,062,591	59,734	1,039,040

EXPORTS OF DOMESTIC MERCHANDISE.—CONTINUED.

ARTICLES EXPORTED.	1910.		1911.		1912.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Hides and skins other than furs.....lbs	14,685,075	\$1,738,216	44,594,295	\$4,802,637	25,246,800	\$3,158,495
Hops.....lbs	10,589,254	2,092,140	13,104,774	2,130,972	12,190,663	4,648,055
India rubber, manufactures of.....lbs		10,175,634		12,452,562		12,822,918
Instruments, scientific, etc.....lbs		12,535,643		12,421,512		13,526,802
Iron and steel (except ore).....lbs		179,133,196		230,725,351		268,154,262
Jewelry.....lbs		1,444,388		1,302,502		1,397,044
Leather and manufactures of.....lbs		2,753,859		2,601,702		2,822,032
Marble and stone.....lbs		52,646,755		53,675,057		60,586,772
Meat and dairy products—Beef, canned.....lbs		1,447,989		1,750,878		1,808,378
Beef, fresh.....lbs	14,804,596	1,678,452	10,824,504	1,254,797	11,026,431	1,303,404
Beef, cured.....lbs	75,729,666	7,733,751	42,510,731	4,478,401	15,963,659	1,671,153
Tallow.....lbs	36,871,313	2,783,701	40,293,749	3,501,179	38,087,907	2,832,100
Bacon.....lbs	29,379,392	1,779,615	29,813,154	1,933,681	39,451,419	2,388,046
Hams.....lbs	152,163,107	18,381,060	156,675,810	21,211,005	208,574,208	24,907,197
Pork, canned.....lbs	146,885,385	17,857,375	20,708,882	20,708,882	204,044,491	24,983,576
Pork, fresh.....lbs	42,822,022	4,010,843	5,839,902	5,839,902	681,127	681,127
Pork, pickled.....lbs	1,029,278	126,888	1,355,378	159,654	2,607,808	297,195
Lard.....lbs	40,031,599	4,421,844	45,729,471	4,944,148	56,321,469	5,348,594
Lard compounds.....lbs	362,927,671	43,301,156	476,107,857	52,569,217	532,255,851	52,090,441
Mutton.....lbs	74,556,603	6,887,738	73,754,400	7,070,967	62,522,888	5,183,689
Oleo oil and oleomargarine.....lbs	1,989,472	213,477	2,160,259	219,517	3,727,545	361,875
Poultry and game.....lbs	129,510,307	14,655,052	142,491,845	14,067,221	130,064,549	13,806,585
Sausage and sausage meats.....lbs		599,548		681,805		697,965
Sausage casings.....lbs		627,689		735,241		1,558,301
Other meat products—Canned.....lbs	35,418,957	4,503,339	38,673,329	5,273,016	36,400,414	5,022,247
All other.....lbs		1,030,031		1,180,123		1,298,152
Butter.....lbs		1,381,833		1,197,732		1,411,159
Cheese.....lbs	3,140,545	785,771	4,877,797	1,050,432	6,092,235	1,468,432
Milk, condensed.....lbs	2,846,709	441,017	10,366,008	1,288,279	6,337,559	898,035
Total meat and dairy products.....lbs	13,300,518	1,023,638	12,180,445	996,105	20,642,738	1,651,879
Mineral instruments.....lbs		130,692,783		149,388,737		156,290,876
Naval stores (rosin, tar, etc.).....lbs		3,132,343		3,471,401		3,606,996
Nickel, oxide and matte.....lbs		18,681,962		25,022,720		26,754,987
Oil cake and meal.....lbs		13,652,407		6,004,414		8,749,675
Oil.....gals	1,341,514,280	4,532,897	18,947,810	19,351,012	1,962,294,055	28,006,171
Mineral.....gals	2,216,713	903,001	1,181,630	731,000	2,435,584	1,233,246
Vegetable.....gals	1,546,067,984	99,080,212	1,616,540,746	98,115,516	1,793,665,038	112,472,100
Paints, pigments and colors.....lbs		16,479,301		19,805,232		26,908,931
Paper and manufactures of.....lbs		4,726,556		6,294,746		7,072,617
Paraffin and paraffin wax.....lbs		16,083,271		19,215,499		19,458,050
Photographic goods.....lbs		3,720,052		7,373,736		8,123,486
Seeds.....lbs		4,796,155		7,142,093		9,445,446
Silk, manufactures of.....lbs		3,435,418		2,475,096		2,886,802
Soap.....lbs		1,087,553		1,385,343		1,132,765
Spirits—Malt liquors.....gals		3,383,546		4,048,381		4,524,515
Distilled.....gals		951,183		1,075,559		1,161,319
Wines.....gals		1,278,006		1,885,491		1,684,580
Starch.....lbs		224,911		518,536		954,120
Sugar and molasses.....lbs		1,274,773		3,137,552		83,856,824
Tobacco—Unmanufactured.....lbs		7,873,696		4,350,005		7,204,763
Manufactured.....lbs		38,115,386		39,255,820		43,251,857
Toys.....lbs		4,303,101		4,395,584		5,053,185
Vegetables.....lbs		1,670,046		1,019,104		645,287
Wood and manufactures of.....lbs		4,207,319		5,545,091		6,544,118
Wool and manufactures of.....lbs		78,813,803		92,255,951		96,732,186
Zinc and manufactures of.....lbs		2,379,360		2,236,473		2,534,901
Total value exports of domestic mdee*.....		1,078,381		1,781,701		2,305,511
Total value exports of domestic mdee*.....		1,710,038,906		2,013,549,025		2,170,319,828
Total value exports of foreign mdee.....		34,900,722		35,771,174		34,002,581
Total value exports except gold and silver.....		1,744,984,720		2,049,320,199		2,204,322,409

*Including articles not specified in above table.

DUTIES COLLECTED ON IMPORTS, 1909, 1910, 1911.

On principal articles or groups of articles imported into the United States for consumption.

Articles.	1909.	1910.	1911.	Articles.	1909.	1910.	1911.
Animals.....	\$686,969	\$1,036,098	\$906,275	Spirits, distilled.....	\$8,808,226	\$9,115,898	\$9,093,027
Breadstuffs.....	2,600,797	2,410,461	3,701,843	Wines.....	5,050,118	6,462,235	5,495,390
Chemicals.....	7,360,386	7,236,631	7,193,403	Oils.....	2,319,909	2,423,309	3,402,783
Cotton.....	33,060,402	38,077,844	35,806,882	Paints.....	521,939	557,992	630,975
Earthenware.....	5,922,309	6,547,379	6,669,292	Paper*.....	2,875,092	4,040,841	4,439,113
Fiber.....	366,708	481,014	358,255	Rice.....	1,642,929	1,458,307	.....
Fiber.....	18,071,454	21,942,092	20,471,331	Silk*.....	16,186,131	17,665,994	16,792,244
Fish.....	1,968,657	2,223,323	2,479,659	Sugar.....	56,406,484	53,098,071	52,804,199
Fruits.....	1,173,136	8,428,437	8,017,396	Tobacco*.....	23,269,465	24,124,239	26,159,615
Furs*.....	1,995,337	2,414,112	3,659,215	Toys.....	1,701,002	2,320,039	2,855,521
Glass*.....	2,614,745	3,343,248	3,659,215	Vegetables.....	4,955,805	2,550,843	2,995,384
Iron and steel.....	8,216,963	12,375,236	10,160,992	Wool*.....	4,053,289	4,349,911	4,192,573
Jewelry.....	2,987,962	5,026,570	4,673,875	Wool*.....	17,032,909	21,128,739	12,482,855
Leather*.....	4,966,476	5,345,755	4,831,143	Wool*.....	16,278,828	20,771,964	16,483,662
Malt liquors.....	1,791,770	2,027,254	2,075,029				
Meat, dairy products.....	2,283,136	2,800,397	3,167,494				

*Including manufactures of. †Unmanufactured. ‡Manufactured. §Included with breadstuffs.

SUMMARY OF IMPORTS AND EXPORTS OF MERCHANDISE.

Fiscal years ended June 30.

GROUPS.	1910.		1911.		1912.	
	Dollars.	Per ct.	Dollars.	Per ct.	Dollars.	Per ct.
IMPORTS.						
Free of duty—Foodstuffs in crude condition and food animals.....	113,681,442	15.05	147,262,425	18.95	179,918,032	20.41
Foodstuffs partly or wholly manufactured.....	9,390,612	1.24	12,398,851	1.59	16,773,681	1.90
Crude materials for use in manufacturing.....	436,357,101	57.76	400,521,730	51.55	441,972,306	50.10
Manufactures for further use in manufacturing.....	123,295,107	16.39	142,772,447	18.37	152,892,313	17.34
Manufactures ready for consumption.....	64,936,377	8.61	64,927,575	8.36	77,821,679	8.83
Miscellaneous.....	7,693,757	1.02	9,149,281	1.18	12,562,796	1.42
Total free of duty.....	755,311,396	100.00	776,972,509	100.00	881,670,890	100.00
Dutiable—Foodstuffs in crude condition and food animals.....	31,095,194	3.88	33,932,438	4.52	49,617,463	6.43
Foodstuffs partly or wholly manufactured.....	172,175,960	21.48	159,667,650	21.28	179,986,000	23.33
Crude materials for use in manufacturing.....	130,013,669	16.22	110,840,410	14.77	113,387,277	14.69
Manufactures for further use in manufacturing.....	161,843,296	20.19	145,013,005	19.53	141,968,668	18.32
Manufactures ready for consumption.....	302,729,890	37.76	296,494,006	39.52	282,923,730	36.66
Miscellaneous.....	3,778,055	.47	4,305,488	.56	4,400,906	.57
Total dutiable.....	801,636,034	100.00	750,253,596	100.00	771,684,104	100.00
Free and dutiable—Foodstuffs in crude condition and food animals.....	144,776,636	9.30	181,194,863	11.87	229,595,515	13.88
Foodstuffs partly or wholly manufactured.....	181,596,572	11.66	172,006,501	11.26	196,759,741	11.90
Crude materials for use in manufacturing.....	566,270,770	36.37	511,362,140	33.48	555,059,586	33.57
Manufactures for further use in manufacturing.....	285,138,373	18.31	287,785,652	18.84	294,260,981	17.80
Manufactures ready for consumption.....	367,723,367	23.62	361,422,180	23.67	360,745,409	21.82
Miscellaneous.....	11,471,712	.74	13,454,769	.88	16,963,702	1.03
Total imports of merchandise.....	1,556,947,430	100.00	1,527,226,105	100.00	1,653,354,934	100.00
Per cent of free.....		48.53		50.87		53.33
Duties collected from customs.....	333,683,445		314,497,071		311,257,348	
Remaining in warehouse at the end of the month.....						
EXPORTS.						
Domestic—Foodstuffs in crude condition and food animals.....	109,828,320	6.43	103,401,553	5.13	99,659,023	4.59
Foodstuffs partly or wholly manufactured.....	259,259,654	15.16	282,016,833	14.00	318,262,524	14.06
Crude materials for use in manufacturing.....	565,934,957	33.09	713,018,206	35.42	722,488,591	33.29
Manufactures for further use in manufacturing.....	267,765,916	15.69	309,151,890	15.35	347,451,015	16.01
Manufactures ready for consumption.....	490,215,329	29.19	508,367,859	29.73	675,402,903	31.07
Miscellaneous.....	8,079,822	.47	7,592,542	.38	8,155,832	.38
Total domestic.....	1,710,083,998	100.00	2,013,549,025	100.00	2,170,319,828	100.00
Foreign—Free of duty.....	20,845,498	59.73	20,201,089	56.48	20,451,423	60.15
Dutiable.....	14,055,224	40.27	15,570,085	43.52	13,551,158	39.86
Total foreign.....	34,900,722	100.00	35,771,174	100.00	34,002,581	100.00
Total exports.....	1,744,984,720		2,049,320,199		2,204,322,409	
Excess of exports.....	188,037,290		522,094,094		550,967,475	
Total imports and exports.....	3,301,932,150		3,576,546,304		3,857,677,343	

GOLD AND SILVER.

METAL.	1911.		1912.	
Gold—Imports.....	\$73,607,013	\$48,996,500		
Exports.....	22,509,653	57,328,348		
Silver—Imports.....	45,937,249	47,050,219		
Exports.....	64,749,958	64,800,665		

TONNAGE.

	VESSELS.		1911.		1912.	
	Entered—Sailing.....	Steam.....	Entered—Sailing.....	Steam.....	Entered—Sailing.....	Steam.....
Entered—Sailing.....			2,373,826		2,388,124	
Steam.....			40,301,163		43,769,947	
Cleared—Sailing.....			2,439,327		2,476,445	
Steam.....			39,997,820		43,940,467	

IMPORTS AND EXPORTS OF DOMESTIC AND FOREIGN MERCHANDISE BY CONTINENTS (1904-1912).

Fiscal years ended June 30.

CONTINENT.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.
Imports—Europe.....	\$498,697,379	\$540,773,092	\$633,382,814	\$747,291,255	\$908,014,147	\$954,522,218	\$806,271,380	\$768,167,760	\$819,585,326
North America.....	198,778,952	227,229,145	235,364,719	263,576,349	238,815,898	253,399,320	306,767,456	305,496,795	334,072,039
South America.....	20,364,113	150,795,800	140,422,876	160,165,587	124,998,590	163,375,724	196,164,796	182,623,750	215,059,316
Asia and Oceania.....	165,390,151	167,371,412	204,385,320	242,390,820	296,222,432	234,610,035	231,126,597	243,724,182	262,022,265
Africa.....	9,426,776	11,343,622	12,628,735	21,127,464	16,290,675	15,108,627	17,489,739	27,213,620	22,585,838
Total.....	991,087,371	1,117,513,071	1,226,563,843	1,434,421,425	1,494,341,792	1,311,920,224	1,557,819,888	1,527,226,015	1,653,354,934
Exports—Europe.....	105,790,131	102,097,264	120,017,925	129,845,230	128,960,155	114,675,532	113,591,451	130,827,578	134,173,789
North America.....	234,909,939	290,570,235	308,391,969	349,840,641	324,674,690	309,475,694	385,520,069	457,059,179	516,587,671
South America.....	50,755,027	56,394,131	75,159,781	82,157,174	83,582,159	78,561,680	93,346,820	109,894,884	132,310,451
Asia and Oceania.....	33,062,028	361,584,036	140,581,154	133,889,857	137,404,717	113,182,975	111,751,900	151,480,741	189,598,074
Africa.....	24,230,126	18,540,808	19,562,361	16,511,026	20,340,565	17,035,434	18,651,380	28,600,607	24,043,424
Total.....	1,408,272,711	1,618,661,668	1,743,864,500	1,890,851,073	1,860,773,346	1,663,011,104	1,744,984,720	2,049,320,199	2,204,322,409

VALUE OF IMPORTS AND EXPORTS OF MERCHANDISE BY COUNTRIES.

Fiscal years ended June 30.

COUNTRY.	IMPORTS.		EXPORTS.	
	1910.	1911.	1910.	1911.
Europe—Austria-Hungary	\$17,408,910	\$16,958,099	\$16,718,794	\$14,962,731
Azores and Madeira Islands	86,875	188,994	196,558	184,234
Belgium	40,099,281	37,084,743	41,677,418	41,116,585
Bulgaria	985,667	284,254	402,456	45,016,622
Denmark	2,198,594	1,715,000	2,822,977	89,768
Finland	132,363,546	100,055	179,947	13,198,450
France	168,805,137	115,414,784	124,548,458	117,697,466
Germany	163,242,560	163,242,560	171,380,380	246,556,926
Gibraltar	9,494	6,824	17,289	228,019
Greece	2,643,006	3,133,049	3,823,392	429,670
Iceland and Faroe Islands	140,231	53	30,077	3,106
Italy	49,869,367	47,334,899	48,028,529	53,467,053
Malta, Gozo, etc.	16,351	14,427	206,009	60,580,769
Netherlands	31,713,766	32,929,492	35,568,496	230,704
Norway	6,551,985	8,009,490	8,251,718	96,108,769
Portugal	6,507,733	7,015,358	6,200,190	103,703,859
Roumania	36,181	273,597	91,773	7,356,405
Russia in Europe	16,196,154	11,004,164	20,665,923	2,669,910
Servia	1,067,008	574,141	686,042	906,819
Spain	19,784,938	21,981,454	18,964,403	21,515,690
Sweden	25,400,175	8,529,422	9,521,755	24,815
Switzerland	26,209,159	25,652,239	23,958,697	25,037,251
Turkey in Europe	5,689,769	7,540,440	9,852,709	9,733,820
United Kingdom—England	229,495,992	220,592,139	467,331,375	704,908
Scotland	22,613,188	23,877,402	29,560,411	585,355
Ireland	18,570,592	16,909,565	19,739,205	2,597,239
Total United Kingdom	271,029,772	261,289,106	577,940,790	576,613,974
Total Europe	806,270,280	768,167,760	819,585,326	1,308,275,778
North America—Bermuda	591,523	599,516	622,567	1,466,726
British Honduras	1,066,409	1,184,373	1,260,573	1,468,696
Canada	95,128,310	100,863,418	108,813,368	329,257,302
Central American States—Costa Rica	3,641,298	4,838,416	3,817,861	3,647,187
Guatemala	1,832,324	2,562,458	2,644,037	2,519,052
Honduras	2,012,225	2,057,009	2,780,972	2,461,269
Nicaragua	1,391,477	1,449,229	1,690,792	2,486,878
Panama	2,229,189	3,508,735	20,596,371	23,547,839
Salvador	1,176,893	1,463,732	1,519,954	2,421,284
Total Central American States	12,213,196	16,470,739	16,693,015	37,083,599
Greenland	12,890	36,810	30,219,369	1,551
Mexico	58,795,943	57,450,111	65,915,313	52,947,129
Miquelon, Langley, etc.	12,655	6,967	13,753	67,200
Newfoundland and Labrador	1,229,688	1,380,985	1,281,222	4,586,388
British West Indies	11,154,683	12,258,580	13,094,801	12,817,073
Cuba	152,328,637	110,309,468	120,154,326	62,303,051
Danish West Indies	406,926	358,117	459,639	924,700
Dutch West Indies	845,580	858,266	482,644	906,007
French West Indies	48,422	88,267	658,146	1,473,221
Haiti	790,579	813,713	800,178	5,358,761
Santo Domingo	2,462,716	3,632,453	4,385,070	3,905,329
Total West Indies	137,729,762	127,527,844	139,465,128	90,071,878
Total North America	306,767,486	305,496,736	394,072,029	457,059,179
South America—Argentina	33,468,264	29,040,732	29,847,016	516,837,671
Bolivia	189	327	40,694,941	53,158,179
Brazil	108,154,491	100,867,134	128,881,644	901,525
Chile	20,921,326	19,941,000	20,164,848	801,624
Colombia	7,485,141	8,994,460	11,219,481	27,240,146
Ecuador	2,859,714	3,628,806	3,728,933	34,678,081
Falkland Islands			2,215,951	15,491,846
Guiana—British	567,793	473,050	1,214,840	5,748,859
Dutch	255,782	966,628	1,894,331	2,143,605
French	31,171	31,433	685,885	1,788,935
Paraguay	29,170	34,516	9,443	792,213
Peru	7,621,497	9,314,090	9,129,069	287,064
Uruguay	7,413,892	1,613,736	3,231,676	86,192
Venezuela	6,701,352	7,635,266	10,657,989	161,664
Total South America	196,164,786	182,623,750	215,069,316	5,522,459
Asia—Aden	2,068,220	1,629,631	1,764,096	5,871,717
China	20,990,370	34,227,503	29,573,732	108,894,894
China (leased territory)—British	36,146		7,801	132,310,451
French	6,442		3,492	2,134,422
German	1,244,380	914,830	850,283	19,287,836
Japanese	20,610	137,751	21,373	24,361,199
Total China	31,297,928	35,280,084	30,459,700	1,289
Chosen (Korea)	20,176	243,525	139,223	188,711
British East Indies—British India	18,900,368	43,953,407	50,948,901	357,968
Straits Settlements	14,654,702	19,958,513	22,493,454	898,542
Other British	6,773,643	8,723,264	9,809,977	2,236,640
Total British	70,728,613	72,633,824	83,252,523	1,144,553
Dutch East Indies	10,651,935	9,934,165	13,825,506	15,628,000
French East Indies		87	4,589	9,414,233
Hongkong	2,331,773	2,718,315	3,114,691	2,143,242
Japan	66,398,761	78,527,496	80,607,469	2,736,46
Persia	683,371	1,055,093	1,226,093	433,787
Russia, Asiatic	1,181,058	1,199,238	1,443,577	18,977,592

VALUE OF IMPORTS AND EXPORTS BY COUNTRIES.—CONTINUED.

COUNTRY.	IMPORTS.			EXPORTS.		
	1910.	1911.	1912.	1910.	1911.	1912.
Siam.....	\$125,882	\$75,306	\$85,166	\$286,200	\$370,348	\$428,035
Turkey in Asia.....	7,664,132	10,159,572	9,443,217	744,504	1,403,912	1,200,929
Other Asia.....	3,495	135,395	135,395	143	144	144
Total Asia.....	193,155,344	213,449,730	225,558,250	60,961,815	85,422,428	117,461,561
Oceania—British Oceania.....	14,906,764	9,102,868	9,606,423	27,696,557	37,524,586	39,390,593
Australia and Tasmania.....	4,168,125	2,676,870	2,436,361	5,577,088	7,555,962	7,791,206
New Zealand.....	165,321	14,766	94,515	122,987	506,342	314,128
Other British.....	19,140,210	11,794,504	12,137,299	33,386,432	45,586,810	47,365,867
Total British Oceania.....	608,418	1,017,478	1,055,747	544,436	637,264	696,090
French Oceania.....	38,270	62,072	13,870	116,374	113,546	138,423
German Oceania.....	17,317,897	17,400,338	23,257,199	16,832,645	19,723,113	23,736,133
Philippine Islands.....	57,099,795	30,274,452	36,464,115	50,890,087	66,060,813	71,996,513
Total Oceania.....	227,108	212,155	190,050	2,241,448	2,041,893	2,795,141
Africa—Belgian Kongo.....	2,178,174	2,160,342	2,203,329	9,614,406	12,842,442	12,771,229
British Africa—West.....	803,612	1,184,191	1,200,744	601,133	639,517	731,233
South.....	3,208,894	3,556,688	3,534,123	12,456,987	15,523,852	16,267,603
East.....	125,958	95,121	141,052	284,749	698,526	792,976
Total British Africa.....	726,970	672,851	687,305	1,275,393	1,460,955	2,150,822
Canary Islands.....	433,098	596,274	397,314	200,465	239,456	345,467
French Africa.....	212	745	285	3,688	2,161	1,690
German Africa.....	6,626	61,575	42,865	84,868	108,161	84,386
Italian Africa.....	212	745	285	7,731	14,284	36,779
Liberia.....	6,626	61,575	42,865	60,573	42,307	33,157
Madagascar.....	475,215	296,229	156,954	3,138,775	3,395,737	2,480,787
Morocco.....	239,936	250,036	92,426	14,984	20,422	12,816
Portuguese Africa.....	12,176,108	21,674,653	17,364,114	982,545	2,114,536	1,751,203
Spanish Africa.....	96,662	69,448	188,568	14,232		39,045
Turkey in Africa—Egypt.....	17,489,739	27,213,620	22,585,888	18,551,380	23,607,107	24,043,424
Tripoli.....						
Total Africa.....	1,556,947,430	1,597,226,105	1,653,354,934	1,744,984,720	2,049,320,190	2,204,322,400
Grand total.....						

TOTAL VALUE OF IMPORTS AND EXPORTS INTO AND FROM THE UNITED STATES.

From Oct. 1, 1790, to June 30, 1911.

FISCAL YEAR.*	MERCHANDISE.		SPECIE.	MDSE. AND SPECIE COMBINED.	
	Imports.	Exports.		Total imports.	Total exports.
1790.....	\$23,000,000	\$30,205,156	\$2,794,844	\$23,000,000	\$30,205,156
1791.....	29,200,000	19,012,041	10,187,959	29,200,000	19,012,041
1792.....	31,500,000	20,753,098	10,746,902	31,500,000	20,753,098
1793.....	31,100,000	26,109,572	4,990,428	31,100,000	26,109,572
1794.....	34,600,000	33,043,725	1,556,275	34,600,000	33,043,725
1795.....	69,756,268	47,989,872	21,766,396	69,756,268	47,989,872
1796.....	81,486,164	58,574,625	22,961,539	81,486,164	58,574,625
1797.....	75,379,406	51,294,710	24,084,696	75,379,406	51,294,710
1798.....	68,551,706	61,327,411	7,224,289	68,551,706	61,327,411
1799.....	79,069,148	73,665,522	403,626	79,069,148	73,665,522
1800.....	91,252,768	70,971,780	20,280,988	91,252,768	70,971,780
1801.....	111,363,511	93,020,513	18,342,998	111,363,511	93,020,513
1802.....	76,333,333	71,957,144	4,376,189	76,333,333	71,957,144
1803.....	64,696,666	55,800,033	8,896,633	64,696,666	55,800,033
1804.....	85,000,000	77,699,074	7,300,926	85,000,000	77,699,074
1805.....	120,600,000	95,566,021	25,033,979	120,600,000	95,566,021
1806.....	129,410,000	101,536,953	27,873,037	129,410,000	101,536,953
1807.....	138,500,000	108,343,153	30,156,846	138,500,000	108,343,153
1808.....	56,960,000	22,430,960	34,529,040	56,960,000	22,430,960
1809.....	59,400,000	52,203,233	7,196,767	59,400,000	52,203,233
1810.....	85,400,000	66,757,970	18,642,030	85,400,000	66,757,970
1811.....	53,400,000	61,316,832	7,916,832	53,400,000	61,316,832
1812.....	77,030,000	38,527,236	38,502,764	77,030,000	38,527,236
1813.....	22,005,000	27,856,017	5,851,017	22,005,000	27,856,017
1814.....	12,965,000	6,927,441	6,037,559	12,965,000	6,927,441
1815.....	113,041,274	68,326,043	44,715,231	113,041,274	68,326,043
1816.....	147,103,000	81,920,032	65,182,948	147,103,000	81,920,032
1817.....	99,250,000	87,671,569	11,578,431	99,250,000	87,671,569
1818.....	121,750,000	93,281,133	28,468,867	121,750,000	93,281,133
1819.....	87,125,000	70,142,521	16,982,479	87,125,000	70,142,521
1820.....	74,450,000	69,691,669	4,758,331	74,450,000	69,691,669
1821.....	54,520,534	54,596,323	75,489	54,520,534	54,596,323
1822.....	79,871,635	61,350,101	18,521,534	79,871,635	61,350,101
1823.....	72,481,371	68,326,043	4,155,328	72,481,371	68,326,043
1824.....	72,169,172	68,972,105	3,197,067	72,169,172	68,972,105
1825.....	90,189,810	90,738,333	549,523	90,189,810	90,738,333
1826.....	78,093,511	72,890,789	5,202,722	78,093,511	72,890,789
1827.....	71,332,938	74,309,947	2,977,009	71,332,938	74,309,947
1828.....	81,020,083	64,021,210	16,998,873	81,020,083	64,021,210
1829.....	67,088,915	67,454,651	346,736	67,088,915	67,454,651
1830.....	62,720,950	71,670,735	8,949,779	62,720,950	71,670,735

TOTAL VALUE OF IMPORTS AND EXPORTS.—CONTINUED.

FISCAL YEAR	MERCHANDISE.			SPECIE.		MDS. AND SPECIE COMBINED.		
	Imports.	Exports.	Excess of imports (rom.) or exports (italics).	Imports, gold and silver.	Exports, gold and silver.	Total imports.	Total exports.	Excess of imports (roman) or exports (italics).
1831.	\$35,886,179	\$72,295,652	\$23,589,527	\$7,305,945	\$9,014,931	\$103,191,124	\$81,310,583	\$21,880,541
1832.	95,121,762	81,520,603	13,601,159	5,907,504	5,656,340	101,029,266	87,176,943	13,852,323
1833.	101,047,943	87,528,732	13,519,211	7,070,938	2,611,701	108,118,811	90,140,433	17,977,878
1834.	108,009,700	102,200,215	6,809,485	1,917,632	2,076,758	126,321,332	124,274,973	22,046,359
1835.	136,774,955	120,215,302	16,559,653	13,131,447	12,131,775	149,906,742	132,346,077	17,560,665
1836.	176,579,154	124,338,704	52,240,450	13,400,881	4,324,336	189,985,742	128,667,417	61,318,325
1837.	180,472,803	111,443,127	17,029,676	10,516,414	5,976,249	190,989,217	117,419,376	73,569,841
1838.	95,970,288	104,978,570	9,008,282	17,747,116	3,508,046	113,717,044	108,486,616	5,230,788
1839.	156,490,956	112,251,673	44,238,285	5,565,176	8,776,743	162,062,132	121,028,416	41,033,716
1840.	98,258,706	123,688,932	25,430,226	8,882,813	8,417,014	107,141,519	132,086,946	24,944,427
1841.	122,367,544	111,817,471	11,440,073	4,988,633	10,094,352	127,946,177	121,851,803	6,094,374
1842.	96,075,071	95,877,965	5,602,924	4,087,016	4,513,539	100,162,087	104,691,534	4,529,447
1843.	142,433,449	92,825,459	50,607,990	22,380,535	5,330,791	147,814,684	98,216,325	49,598,359
1844.	102,004,606	105,745,892	3,741,286	5,330,429	4,454,214	106,435,033	110,190,046	2,755,013
1845.	113,184,322	106,040,111	7,144,211	4,070,242	8,806,495	117,254,564	114,646,606	2,607,958
1846.	117,914,065	109,583,248	8,330,817	3,777,732	3,905,268	121,691,797	113,488,516	8,203,281
1847.	122,434,349	156,741,598	34,317,249	24,121,289	1,907,024	146,545,638	158,648,622	12,102,984
1848.	148,628,644	138,190,515	10,448,129	6,390,284	15,841,616	164,396,928	154,032,181	9,964,797
1849.	141,306,199	140,361,172	855,027	6,651,240	5,404,648	147,857,439	145,755,820	2,101,619
1850.	173,509,536	144,375,726	29,133,810	6,628,732	7,522,994	178,138,318	151,898,720	26,239,598
1851.	210,771,429	153,915,339	56,856,090	7,434,739	29,472,752	218,204,181	183,388,011	34,816,170
1852.	207,440,398	166,984,251	40,456,147	5,505,044	42,674,135	212,944,422	200,658,396	12,286,026
1853.	277,777,265	203,498,282	60,287,983	2,041,382	27,486,875	267,973,647	230,976,157	37,007,490
1854.	297,803,794	237,043,764	60,760,030	6,758,587	41,281,504	304,562,381	278,325,208	26,237,173
1855.	257,808,708	218,909,503	38,899,205	3,650,812	56,247,343	261,468,620	275,156,846	13,688,226
1856.	310,432,310	281,219,423	29,212,887	4,207,632	45,745,485	314,639,942	326,964,906	12,224,966
1857.	348,428,342	298,823,700	54,604,642	12,461,739	69,136,922	360,804,141	362,960,682	2,070,541
1858.	263,338,634	273,011,274	8,672,639	12,741,496	52,633,147	328,613,150	324,644,421	42,031,721
1859.	331,333,341	292,961,271	41,372,070	7,434,739	68,887,411	338,768,130	356,789,462	16,021,332
1860.	353,616,171	337,176,077	20,040,093	8,550,135	68,546,359	362,166,254	390,122,236	37,566,042
1861.	289,310,542	219,553,893	69,756,649	46,339,611	29,791,080	335,650,153	294,344,913	41,305,240
1862.	189,356,677	190,670,501	1,313,234	16,415,052	36,867,640	201,717,729	227,558,141	21,786,412
1863.	243,335,815	203,964,447	39,371,368	9,684,105	64,156,611	252,919,920	268,121,058	15,201,378
1864.	316,447,283	158,837,988	157,609,295	13,115,612	105,396,541	329,552,895	264,234,529	65,318,366
1865.	238,745,580	166,029,363	72,716,277	9,810,072	67,643,226	248,555,652	233,672,529	14,883,123
1866.	434,812,006	348,859,522	85,952,544	10,700,092	86,044,071	445,512,158	434,903,593	10,608,565
1867.	395,701,096	394,506,141	10,254,955	22,070,475	60,989,372	417,831,571	355,574,513	62,457,058
1868.	367,436,447	385,308,500	17,868,547	14,188,338	78,784,102	371,624,808	375,737,001	4,112,193
1869.	375,036,379	286,117,897	86,918,482	19,807,876	57,338,378	437,314,255	354,077,944	83,236,311
1870.	435,958,408	392,771,768	43,186,640	26,419,179	58,155,666	492,377,587	450,927,784	11,450,803
1871.	520,223,684	442,820,178	77,393,506	21,270,024	98,441,988	541,493,708	541,262,166	231,542
1872.	626,595,077	444,177,586	182,417,491	13,743,689	79,877,534	604,338,766	524,055,120	116,283,646
1873.	642,136,210	522,479,922	119,656,288	21,490,937	84,608,574	663,617,147	607,088,496	56,528,651
1874.	567,406,342	586,283,040	18,876,698	28,454,906	66,630,450	595,861,248	632,913,445	57,052,197
1875.	535,003,436	518,442,711	16,560,726	20,900,717	92,132,142	553,906,153	605,574,853	51,668,700
1876.	490,741,190	504,384,671	79,643,481	15,839,681	56,306,302	476,677,871	596,890,973	120,213,102
1877.	412,133,191	402,475,220	51,652,046	47,741,414	55,162,257	492,087,546	595,637,457	107,554,917
1878.	437,051,532	694,856,766	257,814,234	29,821,314	37,740,125	466,872,846	728,635,891	261,763,045
1879.	445,777,746	710,439,441	264,661,696	20,296,000	24,997,441	466,073,775	735,438,882	269,365,107
1880.	667,954,746	835,638,658	167,683,912	98,034,310	17,142,919	700,989,056	852,781,577	147,792,521
1881.	642,664,628	902,377,346	259,712,718	110,575,497	19,406,847	753,240,125	921,784,193	168,544,068
1882.	724,639,574	750,542,257	25,902,683	42,472,380	49,417,479	767,111,964	799,956,736	32,847,772
1883.	723,180,914	528,839,402	200,658,498	28,489,391	31,820,333	751,670,395	855,659,735	103,989,430
1884.	667,667,636	740,513,009	72,845,916	37,426,262	67,133,383	760,123,355	807,646,962	102,523,037
1885.	677,527,329	742,189,755	64,662,426	43,242,323	42,231,525	620,769,652	784,121,280	163,351,628
1886.	685,436,136	692,524,839	7,088,703	38,638,636	72,433,410	674,022,792	751,988,240	77,955,448
1887.	692,319,768	716,138,211	23,818,443	60,170,792	35,867,691	752,490,560	750,180,802	800,758
1888.	723,957,114	695,954,507	28,002,607	59,337,986	46,414,153	783,236,100	742,368,890	40,867,210
1889.	745,131,632	742,401,375	2,730,257	28,963,073	96,641,583	774,094,725	839,042,908	64,948,183
1890.	789,310,409	867,828,684	68,518,275	37,936,326	52,148,420	823,286,735	909,977,104	86,690,369
1891.	844,916,196	884,490,810	39,564,614	36,250,447	108,953,642	881,175,643	963,434,452	112,258,809
1892.	827,402,462	1,030,278,148	202,875,686	69,654,540	83,005,886	897,057,002	1,113,284,054	216,227,052
1893.	900,000,922	847,095,194	11,755,728	64,367,633	149,418,163	100,768,553	97,068,357	86,314,802
1894.	958,964,232	922,524,532	36,439,700	125,234,326	125,234,326	740,730,286	740,730,286	778,839,606
1895.	731,969,965	807,538,167	75,568,202	56,595,938	113,763,617	788,564,973	921,301,952	132,736,979
1896.	779,724,674	882,606,938	102,882,264	62,302,251	172,951,617	842,096,925	1,055,558,555	213,331,630
1897.	764,730,412	1,050,936,556	286,206,144	115,548,007	102,308,218	880,278,419	1,153,301,744	273,023,325
1898.	616,049,654	1,231,482,330	615,432,676	101,319,455	70,511,630	767,369,109	1,001,993,960	534,624,851
1899.	967,148,489	1,227,023,302	259,874,813	119,629,659	98,841,141	816,778,148	1,320,864,443	504,086,295
1900.	849,941,184	1,334,483,082	484,541,898	79,829,496	104,979,034	929,707,670	1,439,462,116	509,754,442
1901.	823,172,165	1,467,764,991	644,592,826	102,437,708	117,470,357	925,609,873	1,405,235,348	479,625,475
1902.	905,330,945	1,351,771,401	476,389,456	80,235,125	125,304,340	988,574,456	1,490,030,741	496,456,285
1903.	1,029,119,267	1,440,141,670	411,022,402	69,145,518	91,540,782	1,094,860,750	1,530,482,932	435,622,182
1904.	1,001,087,371	1,460,827,231	459,739,860	226,824,182	130,632,688	1,171,911,559	1,501,759,959	329,848,400
1905.	1,117,513,071	1,518,561,696	401,048,595	81,138,326	141,442,362	1,258,955,941	1,660,004,502	401,048,551
1906.	1,226,563,843	1,734,864,500	517,300,657	140,664,270	103,442,654	1,367,228,113	1,847,307,154	480,079,041
1907.	1,464,451,425	1,880,853,078	416,429,653	157,456,873	108,138,249	1,591,878,298	1,988,889,327	397,011,029
1908.	1,194,341,732	1,800,773,346	666,431,554	192,965,418	130,354,126	1,387,337,210	1,991,127,472	603,790,262
1909.	1,311,920,221	1,663,011,104	351,090,883	87,368,739	147,214,610	1,399,879,028	1,810,225,714	410,346,691
1910.	1,555,947,430	1,744,864,730	188,917,300	88,557,609	173,850,071	1,648,504,523	1,918,734,736	270,230,217
1911.	1,327,226,105	1,490,321,670	163,095,565	119,540,611	129,740,611	1,646,770,752	1,828,544,444	489,444,444
1912.	1,633,354,394	2,204,322,409	570,967,415	95,968,719	122,219,013	1,749,341,653	2,326,541,422	577,199,769

*Fiscal year ended Sept. 30 prior to 1843; since that date ended June 30.

NOTE.—Merchandise and specie are combined in showing the total inward and outward movement of the columns at right of table for the purpose of values by years.

INTERNATIONAL TRADE IN AGRICULTURAL PRODUCTS (1910).

WHEAT.		CORN.		Imports—		Gallons.		Imports—		Pounds.	
Exports—	Bushels.	Exports—	Bushels.	Austria-Hung'y		Egypt		Finland			
Argentina	69,209,449	Argentina	104,727,358	Belgium	1,831,134	France	1,159,951	Germany		9,384,259	
Australia	47,761,895	Austria-Hung'y	1,069,219	Brazil	669,888	Germany	5,418,948	France		61,265,614	
Austria-Hung'y	28,476	Belgium	7,581,987	Canada	3,128,710	Italy	1,052,904	Germany		146,926,890	
Belgium	22,897,924	Bulgaria	4,822,817	Egypt	145,613	Malta	231,316	Italy		41,454,477	
British India	40,480,707	Netherlands	5,101,056	France	1,159,951	Martinique	293,518	Netherlands		55,045,754	
Bulgaria	8,688,073	Romania	29,091,585	Germany	5,418,948	Mexico	3,692,532	Norway		4,141,628	
Canada	46,425,872	Russia	17,680,440	Italy	1,052,904	Netherlands	3,971,079	Portugal		5,701,360	
Chile	2,246,921	Serbia	3,767,180	Malta	231,316	Senegal	411,509	Spain		44,337,800	
Germany	10,339,162	United States	44,072,209	Martinique	293,518	United kingdom	4,665,472	Sweden		9,438,474	
Netherlands	58,300,147	Uruguay	153,968	Mexico	3,692,532	Uruguay	383,332	Switzerland		17,135,312	
Romania	31,514,810	Other countries	12,624,000	Netherlands	3,971,079	Other countries	6,148,000	United kingdom		88,141,019	
Russia	225,440,173	Total	230,691,819	Senegal	411,509			United States		42,343,323	
Serbia	3,767,180			United kingdom	4,665,472			Other countries		59,666,000	
United States	24,257,392			Uruguay	383,332			Total		749,439,082	
Other countries	11,723,744			Other countries	6,148,000						
Total	604,610,900			Total	33,540,989						
Imports—		Imports—		OIL CAKE AND CAKE MEAL.		Exports—		RICE.		Pounds.	
Exports—	Bushels.	Exports—	Bushels.	Exports—	Pounds.	Argentina <th>British India</th> <td></td> <td></td>	British India				
Austria-Hung'y	10,445,042	Austria-Hung'y	2,494,032	Argentina	46,549,856	British India	111,420,043	British India		86,693,324	
Belgium	75,219,303	Belgium	25,035,630	Belgium	166,846,326	Dutch E. Ind.	143,717,056	France		5,060,204,229	
Brazil	9,527,692	Brit. S. Africa	69,463	Canada	42,246,700	France	106,500,957	Formosa		233,060,800	
Denmark	2,823,854	Canada	10,767,402	China	161,685,333	Germany	2,396,410,076	France		106,500,957	
France	23,324,084	Cuba	3,002,432	Denmark	27,472,343	Germany	243,347,211	Fr. In-China		495,090,914	
Germany	86,118,905	Denmark	7,217,422	Egypt	135,751,333	Netherlands	358,252,398	Netherlands		495,090,914	
Greece	7,659,686	Egypt	83,038	France	471,357,589	Penang	395,292,398	Penang		395,292,398	
Italy	45,259,960	France	15,348,323	Germany	247,885,067	Siam	2,336,513,333	Siam		2,336,513,333	
Japan	1,818,229	Germany	22,562,742	Italy	33,395,942	Singapore	896,436,185	Singapore		896,436,185	
Netherlands	71,027,060	Italy	17,556,324	Netherlands	247,885,067	Other c'ntrs	834,226,000	Other c'ntrs		834,226,000	
Portugal	3,024,080	Mexico	8,907,181	Russia	1,270,123,289	Total	13,170,720,622				
Spain	5,932,747	Netherlands	21,511,620	United States	392,945,280						
Sweden	6,810,143	Norway	788,600	United States	1,461,560,725						
Switzerland	14,661,145	Portugal	518,042	Other c'ntries	148,322,000						
United kingd'm	195,965,190	Russia	72,870								
Other countries	14,066,062	Switzerland	277,160								
Total	573,681,187	Switzerland	3,605,403								
		United kingdom	88,141,019								
		Other countries	2,891,000								
		Total	221,921,839								
WHEAT FLOUR.		COTTON.		UNMANUFACTURED		Exports—		Imports—		Pounds.	
Exports—	Barrels.	Exports—	Bales.	Exports—	Pounds.	Argentina <th>Argentina<td></td><td></td></th>	Argentina <td></td> <td></td>				
Argentina	1,298,104	Brazil	51,471	Argentina	29,300,457	Belgium	552,282,540	Austria-Hung'y		18,574,857	
Australia	1,428,019	British India	3,354,852	Belgium	552,282,540	Canada	5,391,500	Belgium		2,726,834	
Austria-Hung'y	145,777	China	347,923	Canada	913,678,392	Denmark	7,226,000	France		180,777	
Belgium	718,106	Egypt	1,232,657	Dutch E. Indies	7,226,000	France	290,601,995	Germany		19,115,646	
British India	448,766	France	411,101	Finland	21,457,187	Germany	1,573,936,030	Netherlands		1,189,097	
Bulgaria	581,360	Germany	231,039	France	290,601,995	Italy	12,429,976	New Zealand		347,984	
Canada	3,189,208	Netherlands	140,922	Italy	12,429,976	Japan	158,061,867	Russia		722,256	
Chile	128,938	Persia	128,031	Netherlands	675,617,307	Mauritius	129,647,168	United kingdom		999,824	
France	283,272	Peru	98,262	Sweden	323,490,312	Netherlands	731,270,101	Philippines		435,025,385	
Germany	2,137,285	United States	7,289,806	Un. kingdom	700,483,840	Penang	411,705,534	Russia		61,247,309	
Italy	660,894	Other countries	138,000	Other c'ntries	174,107,000	Singapore	1,020,655,456	Singapore		1,020,655,456	
Netherlands	267,480	Total	12,424,064			Un. kingdom	242,826,350	Un. kingdom		242,826,350	
Romania	212,673	Imports—	Bales.			Other c'ntries	1,519,702,000	Other c'ntries		1,519,702,000	
Russia	1,139,764	Austria-Hung'y	783,531			Total	5,438,064,405	Total		11,880,376,821	
Serbia	53,027	Belgium	290,104								
United States	8,370,201	Canada	139,113								
Other countries	1,971,464	France	1,178,168								
Total	23,756,255	Germany	1,967,955								
		Italy	804,842								
		Japan	1,350,246								
		Mexico	10,750								
		Netherlands	233,835								
		Russia	914,304								
		Spain	334,877								
		Sweden	95,378								
		Switzerland	96,574								
		United kingdom	3,591,298								
		United States	175,409								
		Other countries	293,000								
		Total	12,262,884								
Imports—		COTTON SEED OIL.		UNMANUFACTURED		Exports—		Imports—		Pounds.	
Exports—	Barrels.	Exports—	Gallons.	Exports—	Pounds.	Argentina <th>Argentina<td></td><td></td></th>	Argentina <td></td> <td></td>				
Belgium	29,365	Belgium	935,857	Argentina	12,451,657	Belgium	13,726,720	Austria-Hung'y		18,574,857	
Brazil	1,645,630	Egypt	915,466	Australia	13,586,845	Canada	24,903,382	Belgium		2,726,834	
China	503,973	France	301,942	Austria-Hung'y	5,233,789	Denmark	7,226,000	France		180,777	
Cuba	852,876	Netherlands	103,205	Brazil	75,284,885	France	290,601,995	Germany		19,115,646	
Denmark	549,280	United kingdom	8,933,717	British India	24,515,681	Germany	1,573,936,030	Netherlands		1,189,097	
Egypt	1,367,797	United States	23,550,463	Bulgaria	5,233,789	Italy	12,429,976	New Zealand		347,984	
Finland	999,454	Other countries	65,000	Ceylon	1,543,920	Japan	158,061,867	Russia		722,256	
France	140,729	Total	12,262,884	Cuba	24,822,228	Mauritius	129,647,168	United kingdom		999,824	
Germany	166,857			Dutch E. Indies	130,572,460	Netherlands	731,270,101	Philippines		435,025,385	
Greece	9,379			Greece	12,659,823	Penang	411,705,534	Russia		61,247,309	
Italy	13,826			Mexico	1,231,928	Singapore	1,020,655,456	Singapore		1,020,655,456	
Japan	203,337			Netherlands	3,843,420	Un. kingdom	242,826,350	Un. kingdom		242,826,350	
Netherlands	2,204,100			Philippines	21,926,744	Other c'ntries	1,519,702,000	Other c'ntries		1,519,702,000	
Newfoundland	410,526			Russia	20,656,522	Total	5,438,064,405	Total		11,880,376,821	
Norway	547,309			Santo Domingo	22,262,108						
Philippines	349,923			Turkey	77,800,000						
Spain	93,877			United States	328,562,036						
Sweden	88,870			Other countries	36,597,000						
Trinidad-T'bag'o	222,378			Total	836,142,651						
United kingdom	5,614,907			Imports—	Pounds.						
Other countries	4,652,378			Argentina	12,451,657						
Total	20,453,717			Australia	13,586,845						
				Austria-Hung'y	5,233,789						
				Belgium	20,944,432						
				British India	6,583,970						
				Canada	16,674,292						
				China	13,519,067						
				Denmark	9,272,768						

SUGAR.

Exports—	Pounds.
Argentina	122,915
Aust.-Hung'y	1,486,611,604
Belgium	265,264,520
Brazil	129,683,390
Brit. Guiana	226,136,860
British India	51,385,800
China	35,451,800
Cuba	3,865,742,354
Dutch E. Ind.	2,893,876,083
Egypt	14,914,472
Formosa	416,588,032
France	423,779,235
Germany	1,543,202,143
Mauritius	475,894,272
Netherlands	321,262,570
Peru	276,350,900
Philippines	267,736,156
Reunion	86,815,236
Russia	328,554,254
Trinidad - To- bago	103,594,736
Other c'ntrs	1,317,861,000

Total.....14,530,888,348

Imports—	Pounds.
Argentina	125,384,925
Australia	76,178,592
Brit. India	1,346,734,816
Brit. S. Africa	60,347,661
Canada	534,481,772
Chile	158,363,803
China	574,849,733
Denmark	50,303,020
Egypt	71,017,820
Finland	96,085,928
France	306,543,016
Italy	14,431,091
Japan	267,126,133
Netherlands	141,672,455
New Zealand	115,486,630
Norway	101,796,435
Persia	201,246,499
Portugal	72,665,350
Singapore	125,340,267
Switzerland	223,342,955
Turkey	303,621,963
Un. Kingdom	3,587,888,864
United States	4,195,075,830
Uruguay	57,086,651
Other c'ntrs	641,775,000

Total.....13,447,741,139

TEA.

Exports—	Pounds.
British India	258,871,274
Ceylon	182,070,094
China	207,324,667
Dutch E. Indies	33,906,970
Formosa	24,240,835
Japan	39,326,886
Singapore	2,257,333
Other countries	4,988,000

Total.....753,296,059

Imports—	Pounds.
Argentina	3,755,119
Australia	36,727,700
Austria-Hung'y	3,019,420
British India	4,406,394
Brit. S. Africa	5,139,350
Canada	37,480,954
Chile	3,564,778
Dutch E. Indies	6,112,770
France	2,781,103
Fr. Indo-China	2,693,485
Germany	6,894,005
Netherlands	10,955,943
New Zealand	7,586,816
Persia	8,127,241
Russia	162,348,704
Singapore	5,191,600
United Kingdom	297,075,453
United States	98,108,939
Other countries	45,703,000

Total.....737,676,137

COFFEE.

Exports—	Pounds.
Brazil	1,286,217,168
British India	33,669,776
Colombia	70,000,000
Costa Rica	27,500,180
Dutch E. Indies	78,123,646
Guatemala	36,000,000
Haiti	79,000,000
Jamaica	9,782,416
Mexico	48,265,376
Netherlands	173,823,451
Nicaragua	22,300,000
Salvador	62,764,000
Singapore	5,488,267
United States	47,159,055
Venezuela	96,655,341
Other c'ntries	77,010,198

Total.....2,163,764,874

Imports—	Pounds.
Argentina	26,391,182
Austria-Hung.	131,835,741
Belgium	110,565,924
Br. S. Africa	26,629,533
Cuba	32,598,543
Denmark	32,564,446
Egypt	14,379,781
Finland	27,970,382
France	246,488,169
Germany	276,867,993
Italy	55,762,491
Netherlands	264,745,621
Norway	29,338,865
Russia	25,581,750
Singapore	6,632,133
Spain	25,311,268
Sweden	65,164,883
Switzerland	25,512,939
Un. Kingdom	29,195,770
United States	804,417,451
Other c'ntries	108,376,000

Total.....2,463,810,219

ROBIN.

Exports—	Pounds.
Austria-Hung'y	2,031,313
Germany	55,632,244
Netherlands	55,312,677
United States	635,414,920
Other countries	72,935,000

Total.....821,877,159

Imports—	Pounds.
Argentina	28,818,108
Australia	14,525,392
Austria-Hung'y	70,959,019
Brazil	33,919,843
Canada	23,922,600
Chile	1,680,783
Cuba	3,199,183
Denmark	3,124,359
Finland	5,273,057
Germany	240,331,735
Italy	32,847,217
Japan	151,959
Netherlands	64,646,156
Russia	61,482,042
Servia	3,643,860
Spain	2,535,581
Sweden	2,240,253
Switzerland	4,866,214
United Kingdom	159,296,032
Uruguay	5,836,785
Other countries	36,396,000

Total.....807,696,183

TURPENTINE.

Exports—	Gallons.
France	3,354,146
Germany	429,499
Netherlands	1,812,021
Russia	3,882,442
United States	14,252,321
Other countries	1,746,000

Total.....23,976,429

Imports—

Argentina	433,283
Australia	406,402
Austria-Hungary	2,602,527
Canada	1,044,734
Chile	168,781
Germany	8,659,883
Italy	855,528
Netherlands	2,696,243
New Zealand....	96,208
Russia	230,721
Sweden	121,837
Switzerland	418,690
United kingdom..	7,041,316
Other countries..	928,000

Total.....25,604,163

RUBBER.

Exports—	Pounds.
Angola	5,200,000
Belgian Congo	7,532,598
Belgium	18,303,063
Bolivia	6,629,922
Brazil	84,980,716
Dutch E. Indies	3,366,847
Ecuador	1,120,234
France	26,935,141
French Guiana	3,990,260
French Congo	3,827,832
Germany	10,481,330
Gold coast	3,223,265
Ivory coast	3,088,645
Kamerun	4,524,887
Netherlands	3,805,062
Peru	294,938
Senegal	1,526,624
Singapore	5,544,267
S. Nigeria	2,634,023
Venezuela	856,652
Other countries	47,887,000

Total.....245,553,366

Imports—	Pounds.
Austria-Hung'y	6,156,346
Belgium	23,316,174
Canada	2,967,430
France	37,148,833
Germany	41,237,704
Italy	4,142,002
Netherlands	7,865,995
Russia	16,214,647
United Kingdom	45,818,864
United States	90,139,232
Other countries	12,364,000

Total.....287,391,227

WOOD PULP.

Exports—	Pounds.
Austria-Hung.	194,807,715
Belgium	82,609,340
Canada	657,955,900
Finland	191,271,652
Germany	388,760,487
Norway	1,401,685,165
Sweden	1,682,832,631
Switzerland	13,013,313
United States	16,721,779
Other c'ntries	70,249,000

Total.....4,699,906,982

Imports—	Pounds.
Argentina	58,283,142
Austria-Hung.	11,400,428
Belgium	282,016,825
Denmark	100,798,500
France	789,105,044
Germany	88,516,233
Italy	158,366,559
Japan	79,726,177
Russia	52,829,415
Spain	70,047,697
Sweden	8,205,120
Switzerland	17,125,553
Un. Kingdom	1,892,571,520
United States	1,013,550,715
Other c'ntries	78,477,000

Total.....4,701,019,709

CHEESE.

Exports—	Pounds.
Bulgaria	7,091,202
Canada	186,665,789
France	29,961,616
Germany	1,858,267
Italy	57,436,885
Netherlands	122,771,456
New Zealand	60,614,480
Russia	5,330,249
Switzerland	69,391,549
United States	2,768,681
Other countries	9,587,000

Total.....543,477,164

Imports—	Pounds.
Argentina	9,535,944
Australia	303,155
Austria-Hung'y	12,536,899
Belgium	31,494,724
Brazil	3,241,214
Brit. S. Africa	4,726,520
Cuba	8,807,741
Denmark	1,357,813
Egypt	9,229,798
France	48,488,794
Germany	46,011,104
Italy	14,760,899
Russia	3,618,053
Spain	4,882,058
Switzerland	6,308,683
United Kingdom	267,878,240
United States	43,966,873
Other countries	22,500,000

Total.....536,151,892

BUTTER.

Exports—	Pounds.
Argentina	6,341,589
Australia	87,944,943
Austria-Hung'y	4,378,997
Belgium	3,509,265
Canada	3,673,702
Denmark	195,052,426
Finland	24,471,285
France	54,357,279
Germany	398,592
Italy	6,285,469
Netherlands	72,564,000
New Zealand	39,391,920
Norway	2,735,708
Russia	123,541,889
Sweden	47,949,953
United States	3,104,175
Other countries	5,045,000

Total.....683,141,468

Imports—	Pounds.
Australia	71,695
Belgium	12,495,992
Brazil	4,944,999
Brit. S. Africa	3,645,416
Canada	6,246,561
Dutch E. Indies	2,474,783
Egypt	2,936,170
France	10,664,973
Germany	92,815,865
Netherlands	4,491,879
Russia	1,300,061
Sweden	205,352
Switzerland	11,062,683
United Kingdom	476,805,840
Other countries	25,298,000

Total.....656,454,275

WOOL.

Exports—	Pounds.
Algeria	22,124,480
Argentina	332,010,555
Australia	708,644,403
Belgium	241,457,794
British India	54,458,898
Brit. S. Africa	139,488,873
China	27,748,967
France	991,867
Germany	82,683,948
Netherlands	20,836,198

Exports—	Pounds.	Imports—	Pounds.
New Zealand.....	204,368,957	Austria-Hung.....	61,262,968
Peru.....	8,376,328	Belgium.....	355,584,811
Russia.....	220,328,232	British India.....	20,497,352
Spain.....	23,935,503	Canada.....	6,435,074
Turkey.....	40,156,583	France.....	607,877,004
Un. kingdom.....	38,185,983	Germany.....	471,055,339
Uruguay.....	92,782,796	Japan.....	9,843,913
Other c'tries.....	100,171,000	Netherlands.....	25,867,813
		Russia.....	82,951,102
		Sweden.....	5,736,494
		Switzerland.....	11,154,394
Total.....	2,189,350,925		

Imports—	Pounds.	1900.....	\$44,616,530
Un. kingdom.....	548,445,334	1901.....	951,628,331
United States.....	180,134,951	1902.....	857,113,533
Other c'tries.....	60,894,080	1903.....	878,480,557
		1904.....	859,160,264
Total.....	2,447,740,349	1905.....	\$826,904,777
		1906.....	976,047,104
		1907.....	1,054,405,416
		1908.....	1,017,396,044
		1909.....	903,238,122
		1910.....	871,158,425
		1911.....	1,030,794,402

AGRICULTURAL EXPORTS BY YEARS.

1898.....	\$859,018,946
1899.....	792,811,733

SUIT AGAINST INTERNATIONAL HARVESTER COMPANY.

The United States government instituted a suit against the International Harvester company April 30, 1912, by filing a petition in equity in the federal District court in St. Paul, Minn., under the provisions of the Sherman antitrust law. The government asked:

That the \$140,000,000 corporation be dissolved on the ground that it was a monopoly in restraint of trade.

That injunctions be issued to bar from interstate commerce the products of the International Harvester company or of the International Harvester Company of America, its selling agency.

That receivers be appointed to take charge of the property and wind up the business of the defendant, if the court finds such action compatible with public interest.

The following corporations and individuals were mentioned as defendants in the petition:

International Harvester company.
International Harvester Company of America.
International Flax Twine company.
Wisconsin Steel company.
Wisconsin Lumber company.
Illinois Northern railway.
Chicago, West Pullman & Southern Railroad company.

Cyrus H. McCormick.
Charles Deering.
James Deering.
John J. Glessner.
William H. Jones.
Harold F. McCormick.
Richard F. Howe.
Edgar A. Bancroft.
William J. Louderback.

George F. Baker.
Norman B. Ream.
Charles Steele.
John A. Chapman.
Elbert H. Gary.
Thomas D. Jones.
John P. Wilson.
William L. Saunders.
George W. Perkins.

The chief charges by the government against the Harvester company were:

That the company, in monopolizing the manufacture and sale of harvesting machinery, advanced prices "to the grave injury of the farmer and the general public."

That the company controlled at least 90 per cent of the trade in the United States in harvesters or

grain binders, 75 per cent of the mowers and more than 50 per cent of the binder twine.

That the company absorbed competing companies while allowing the companies still to advertise as being independent, "thereby misleading, deceiving and defrauding the public and more effectually crushing existing competitors and keeping out new ones."

That the defendants resorted to unfair trade methods by attempting to induce agents to handle only their products.

That they bought up patents to perpetuate the monopoly.

That in organizing the International Harvester company the defendants were actuated by a determination to form a monopoly.

That the company bound retail dealers by contract not to sell the products of any other manufacturer.

That the Harvester company received iron, steel and lumber from the Wisconsin Steel company and the Wisconsin Lumber company, subsidiaries, which were used to eliminate competition.

That the company used railroads which it controlled to obtain undue preference from railroads connecting with them.

The International Harvester company was organized in New Jersey in 1902. Prior to that time the government declared there were ten or twelve establishments for the manufacture and sale of harvesting implements in active competition with each other.

The alleged trust was formed through the combination of the McCormick Harvesting Machine Company of Illinois, the Deering Company of Illinois, the Plano Manufacturing Company of Illinois, Warner, Bushnell & Glessner Company of Ohio and the Milwaukee Harvester company.

The company was incorporated in New Jersey with a capital stock originally of \$120,000,000. The control of the capital stock was placed in the hands of three voting trustees—Cyrus H. McCormick, Charles Deering and George W. Perkins, who issued stock trust certificates to the persons actually owning the stock.

HIGHEST POINT IN EACH STATE.

[Compiled by N. H. Darton of the United States geological survey.]

State and place.	Elevation.	State and place.	Elevation.
Alabama, Che-aw-ha mountain.....	2,407	Montana, Granite peak.....	12,834
Alaska, Mount McKinley.....	20,300	Nebraska, plains in southwestern corner.....	5,390
Arizona, San Francisco peak.....	12,611	Nevada, Wheeler peak.....	13,058
Arkansas, Magazine mountain.....	2,800	New Hampshire, Mount Washington.....	6,290
California, Mount Whitney.....	14,501	New Jersey, High Point.....	1,809
Colorado, Mount Elbert.....	14,436	New Mexico, peak near Truchas peak.....	13,305
Connecticut, Bear mountain.....	2,355	New York, Mount Marcy.....	5,314
Delaware, Mount Brandywine.....	440	North Carolina, Mount Mitchell.....	6,711
District of Columbia, Fort Reno.....	421	North Dakota, south part of Bowman county.....	3,550
Florida, near Mount Pleasant station.....	301	Ohio, 1½ miles east of Bellefontaine.....	1,540
Georgia, Brasstown Bald mountain.....	4,768	Oklahoma, near Kenton.....	4,700
Idaho, Hyndman peak.....	12,078	Oregon, Mount Hood.....	11,225
Illinois, Charles mound, Jo Daviess county.....	1,257	Pennsylvania, Blue Knob.....	3,136
Indiana, near summit Randolph county.....	1,285	Rhode Island, Durrfee hill.....	805
Iowa, five miles southeast of Sibley.....	1,670	South Carolina, Sassafras mountain.....	3,548
Kansas, west boundary no. of Arkansas river.....	4,135	South Dakota, Harney peak.....	7,240
Kentucky, The Double, Harlem county.....	4,100	Tennessee, Mount Guyot.....	6,636
Louisiana, summits in western parishes.....	400	Texas, El Capitan, Guadalupe mountain.....	8,890
Maine, Mount Katahdin (west).....	5,283	Utah, Mount Emmons.....	13,428
Maryland, Backbone mountain.....	3,400	Vermont, Mount Mansfield.....	4,408
Massachusetts, Mount Greylock.....	3,505	Virginia, Mount Rogers.....	5,719
Michigan, Porcupine mountain.....	2,023	Washington, Mount Rainier.....	14,363
Minnesota, Misquah hills, Cook county.....	2,320	West Virginia, Spruce Knob.....	4,860
Mississippi, near Holly Springs.....	602	Wisconsin, Rib hill, Marathon county.....	1,940
Missouri, Tom Sauk mountain.....	1,890	Wyoming, Mount Gannett.....	13,785

AGRICULTURAL STATISTICS.
WHEAT CROP OF COUNTRIES NAMED (1905-1911).

COUNTRY.	1905.	1906.	1907.	1908.	1909.	1910.	1911.
	Busheis.	Busheis.	Busheis.	Busheis.	Busheis.	Busheis.	Busheis.
United States.....	692,979,000	735,261,000	634,087,000	664,602,000	683,350,000	635,121,000	621,338,000
Canada:							
New Brunswick.....	405,000	407,000	411,000	349,000	385,000	371,000	27,000
Ontario.....	21,517,000	22,109,000	18,019,000	18,057,000	16,262,000	17,805,000	19,235,000
Manitoba.....	55,761,000	61,250,000	39,688,000	40,269,000	52,708,000	41,159,000	60,275,000
Saskatchewan.....	26,107,000	37,040,000	27,692,000	34,742,000	35,197,000	31,133,000	37,685,000
Alberta.....	3,000,000	3,966,000	4,194,000	6,842,000	9,579,000	6,593,000	1,433,000
Other.....	3,000,000	3,000,000	2,687,000	2,175,000	2,605,000	2,923,000	2,246,000
Total Canada.....	109,097,000	127,772,000	92,691,000	112,434,000	166,744,000	149,960,000	215,851,000
Mexico.....	9,710,000	8,000,000	9,000,000	8,000,000	10,000,000	11,976,000	12,000,000
Total North America.....	811,786,000	871,033,000	735,778,000	788,836,000	860,094,000	797,087,000	849,189,000
Argentina.....	150,745,000	134,931,000	155,998,000	192,489,000	156,162,000	131,010,000	145,981,000
Chile.....	12,089,000	12,167,000	15,776,000	18,915,000	17,743,000	19,743,000	18,088,000
Uruguay.....	7,565,000	4,606,000	6,867,000	7,430,000	8,595,000	7,750,000	6,009,000
Total South America.....	170,399,000	151,694,000	178,636,000	218,834,000	182,500,000	158,503,000	169,980,000
Austria-Hungary:							
Austria.....	54,581,000	58,255,000	52,369,000	62,129,000	58,468,000	57,589,000	58,880,000
Hungary proper.....	157,514,000	197,409,000	120,509,000	152,205,000	113,352,000	169,700,000	175,090,000
Croatia-Slavonia.....	13,077,000	10,351,000	10,170,000	13,220,000	11,692,000	11,434,000	15,210,000
Bosnia-Herzegovina.....	3,016,000	2,636,000	2,169,000	3,023,000	2,594,000	2,671,000	2,941,000
Total Austria-Hungary.....	228,138,000	268,708,000	185,217,000	230,577,000	186,076,000	241,394,000	262,061,000
Belgium.....	12,401,000	12,964,000	15,835,000	13,963,000	14,603,000	12,449,000	14,616,000
Bulgaria.....	34,949,000	39,108,000	23,545,000	36,456,000	32,071,000	42,247,000	45,007,000
Denmark.....	4,057,000	4,161,000	4,343,000	4,718,000	3,829,000	4,347,000	4,469,000
Finland.....	129,000	150,000	135,000	135,000	134,000	125,000	125,000
France.....	335,453,000	324,919,000	376,999,000	317,765,000	356,193,000	257,667,000	315,444,000
Germany.....	135,947,000	144,754,000	127,843,000	138,442,000	138,000,000	141,884,000	149,411,000
Greece.....	8,000,000	8,000,000	8,000,000	8,000,000	7,000,000	7,000,000	8,000,000
Italy.....	160,504,000	176,464,000	177,545,000	152,236,000	189,959,000	153,168,000	192,396,000
Montenegro.....	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Netherlands.....	5,078,000	4,932,000	5,325,000	5,121,000	4,158,000	4,571,000	5,648,000
Norway.....	329,000	303,000	393,000	313,000	294,000	271,000	271,000
Portugal.....	5,000,000	9,000,000	6,000,000	5,000,000	8,000,000	9,000,000	11,550,000
Romania.....	108,328,000	113,867,000	42,257,000	54,813,000	56,751,000	110,761,000	90,886,000
Russia:							
Russia proper.....	451,327,000	344,765,000	340,416,000	388,016,000	586,819,000	.....	.....
Poland.....	20,239,000	21,152,000	18,173,000	21,182,000	21,194,000	.....	.....
Northern Caucasus.....	96,708,000	85,046,000	79,184,000	84,964,000	103,465,000	.....	.....
Total Russia (European).....	568,274,000	450,963,000	437,773,000	489,162,000	711,478,000	689,413,000	417,016,000
Servia.....	11,280,000	13,211,000	8,375,000	11,495,000	13,392,000	12,000,000	13,000,000
Spain.....	92,504,000	140,656,000	100,591,000	119,970,000	144,105,000	137,448,000	143,496,000
Sweden.....	5,529,000	6,480,000	5,833,000	6,756,000	6,978,000	7,450,000	7,915,000
Switzerland.....	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	3,584,000	3,584,000
Turkey (European).....	20,000,000	25,000,000	18,000,000	25,000,000	20,000,000	19,462,000	20,000,000
United Kingdom: Great Britain—							
England.....	57,124,000	57,583,000	53,855,000	51,371,000	60,121,000	53,464,000	60,729,000
Scotland.....	2,130,000	2,063,000	1,953,000	1,854,000	2,111,000	2,020,000	2,786,000
Wales.....	1,204,000	1,308,000	1,138,000	966,000	1,147,000	1,122,000	1,118,000
Ireland.....	1,430,000	1,527,000	1,367,000	1,428,000	1,809,000	1,716,000	1,656,000
Total United Kingdom.....	62,188,000	62,481,000	58,313,000	55,629,000	65,138,000	58,322,000	66,289,000
Total Europe.....	1,797,326,000	1,810,550,000	1,606,603,000	1,678,968,000	1,962,506,000	1,921,958,000	1,799,645,000
British India.....	283,063,000	319,952,000	317,023,000	227,968,000	284,361,000	358,049,000	369,630,000
Cyprus.....	2,441,000	2,410,000	2,636,000	2,601,000	1,912,000	2,238,000	1,963,000
Japanese empire:							
Japan.....	18,437,000	20,282,000	22,795,000	22,587,000	22,966,000	24,487,000	24,820,000
Formosa.....	200,000	178,000	200,000	200,000	200,000	200,000	200,000
Total Japanese empire.....	18,637,000	20,460,000	22,995,000	22,787,000	23,166,000	24,687,000	25,020,000
Persia.....	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000
Russia:							
Central Asia.....	25,491,000	11,486,000	27,085,000	21,416,000	26,429,000	.....	.....
Siberia.....	42,411,000	45,833,000	45,771,000	55,755,000	45,269,000	.....	.....
Transcaucasia.....	104,000	108,000	63,000	66,000	94,000	.....	.....
Total Russia (Asiatic).....	68,011,000	57,427,000	72,919,000	77,237,000	71,792,000	76,282,000	62,475,000
Turkey (Asiatic).....	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000
Total Asia.....	423,152,000	451,249,000	406,573,000	381,608,000	432,231,000	512,256,000	510,088,000
Algeria.....	25,579,000	34,323,000	31,261,000	30,000,000	34,769,000	39,374,000	35,874,000
Cape of Good Hope.....	2,000,000	2,000,000	2,000,000	1,916,000	2,000,000	2,000,000	2,000,000
Egypt.....	25,000,000	25,000,000	25,000,000	25,000,000	30,000,000	32,623,000	37,932,000
Natal.....	4,000	8,000	8,000	3,000	.....	.....	.....
Anglo-Egyptian Sudan.....	433,000	542,000	500,000	500,000	.....	.....	.....
Tunis.....	5,729,000	4,906,000	6,314,000	2,888,000	6,430,000	5,512,000	5,000,000
Union of South Africa.....	.....	.....	.....	.....	2,500,000	2,500,000	2,500,000
Total Africa.....	58,795,000	66,779,000	65,078,000	60,257,000	73,690,000	80,009,000	81,306,000

WHEAT CROP OF COUNTRIES NAMED (1905-1911).—CONTINUED.

COUNTRY.	1905.	1906.	1907.	1908.	1909.	1910.	1911.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Australia:							
Queensland.....	2,217,000	1,173,000	1,144,000	715,000	1,241,000	1,621,000	1,055,000
New South Wales.....	16,983,000	21,391,000	22,581,000	9,444,000	15,971,000	29,431,000	28,738,000
Victoria.....	21,696,000	24,156,000	23,331,000	12,482,000	24,081,000	29,687,000	35,910,000
South Australia.....	12,454,000	20,778,000	18,017,000	19,739,000	20,009,000	23,996,000	25,112,000
Western Australia.....	2,077,000	2,381,000	2,845,000	3,018,000	2,588,000	5,779,000	6,083,000
Tasmania.....	819,000	801,000	672,000	693,000	723,000	819,000	1,156,000
Total commonwealth.....	56,215,000	70,680,000	68,515,000	46,063,000	64,563,000	93,263,000	98,109,000
New Zealand.....	9,411,000	7,013,000	5,732,000	5,743,000	9,019,000	9,008,000	8,535,000
Total Australasia.....	65,626,000	77,693,000	74,247,000	51,806,000	73,582,000	102,271,000	106,644,000
Grand total.....	3,327,084,000	3,428,998,000	3,126,965,000	3,176,479,000	3,584,702,000	3,572,084,000	3,516,862,000

CORN CROP OF COUNTRIES NAMED (1904-1910).

COUNTRY.	1904.	1905.	1906.	1907.	1908.	1909.	1910.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
United States.....	2,467,481,000	2,707,994,000	2,927,416,000	2,592,320,000	2,693,651,000	2,552,190,000	2,886,260,000
Canada.....	20,890,000	21,592,000	24,745,000	23,276,000	22,868,000	19,258,000	18,913,000
Mexico.....	88,131,000	85,000,000	70,000,000	70,000,000	150,000,000	170,000,000	190,766,000
Total North America.....	2,576,492,000	2,814,576,000	3,022,161,000	2,685,596,000	2,841,519,000	2,741,448,000	3,005,739,000
Argentina.....	175,189,000	140,768,000	194,912,000	71,768,000	136,055,000	177,155,000	175,187,000
Chile.....	1,477,000	1,244,000	840,000	1,500,000	1,211,000	1,178,000	1,875,000
Uruguay.....	3,035,000	4,417,000	3,226,000	5,359,000	6,000,000	6,671,000	6,509,000
Total South America.....	179,701,000	146,389,000	198,988,000	78,627,000	143,273,000	185,004,000	183,565,000
Austria-Hungary:							
Austria.....	12,529,000	17,293,000	18,177,000	16,599,000	15,170,000	16,102,000	17,388,000
Hungary proper.....	59,400,000	94,045,000	162,973,000	155,619,000	146,124,000	161,858,000	187,733,000
Croatia-Slavonia.....	11,364,000	18,385,000	25,589,000	17,934,000	20,536,000	21,752,000	25,589,000
Bosnia-Herzegovina.....	6,464,000	9,584,000	8,936,000	6,468,000	8,821,000	10,972,000	10,051,000
Total Austria-Hungary.....	89,757,000	139,307,000	215,675,000	196,620,000	190,651,000	210,684,000	240,761,000
Bulgaria.....	12,758,000	18,141,000	27,780,000	14,080,000	20,717,000	20,472,000	28,390,000
France.....	19,482,000	24,030,000	14,581,000	24,027,000	26,247,000	26,075,000	23,399,000
Italy.....	90,545,000	97,255,000	93,008,000	88,513,000	95,955,000	99,289,000	101,722,000
Portugal.....	15,000,000	15,000,000	11,023,000	15,000,000	15,000,000	15,000,000	15,000,000
Romania.....	19,598,000	59,375,000	130,546,000	57,576,000	78,892,000	70,138,000	103,665,000
Russia:							
Russia proper.....	18,965,000	22,593,000	59,320,000	41,903,000	49,665,000	29,223,000	.....
Poland.....	13,000	.....	.....	1,000	.....	.....	.....
Northern Caucasia.....	6,951,000	10,798,000	11,181,000	8,860,000	11,449,000	10,375,000	.....
Total Russia (European).....	25,920,000	33,331,000	70,501,000	50,764,000	61,112,000	39,598,000	77,181,000
Servia.....	9,498,000	21,431,000	27,798,000	17,691,000	21,010,000	27,558,000	27,500,000
Spain.....	21,300,000	31,880,000	18,714,000	25,372,000	20,115,000	26,493,000	27,366,000
Total Europe.....	303,858,000	439,059,000	609,614,000	489,643,000	529,697,000	535,247,000	644,354,000
Algeria.....	391,000	490,000	544,000	402,000	426,000	807,000	552,000
Cape of Good Hope.....	3,502,000	2,500,000	3,200,000	3,550,000	.....	.....	.....
Egypt.....	30,000,000	30,000,000	30,000,000	25,000,000	65,000,000	65,000,000	70,294,000
Natal.....	5,292,000	4,322,000	3,345,000	2,984,000	.....	.....	.....
Anglo-Egyptian Sudan.....	189,000	320,000	300,000	300,000	.....	.....	.....
Union of South Africa.....	.....	.....	.....	.....	20,000,000	20,000,000	20,000,000
Total Africa.....	39,364,000	38,122,000	37,889,000	42,236,000	85,426,000	85,807,000	90,846,000
Australian commonwealth.....	9,972,000	8,374,000	8,808,000	10,493,000	8,388,000	8,908,000	11,113,000
New Zealand.....	547,000	506,000	653,000	419,000	519,000	736,000	750,000
Total Australasia.....	10,519,000	8,880,000	9,261,000	10,912,000	8,907,000	9,644,000	11,863,000
Grand total.....	5,109,934,000	5,447,917,000	5,877,913,000	5,307,014,000	5,608,822,000	5,557,150,000	4,026,967,000

OAT CROP OF THE WORLD (1911).

COUNTRY.	Bushels.	COUNTRY.	Bushels.	COUNTRY.	Bushels.
United States.....	922,298,000	Norway.....	8,593,000	Servia.....	2,500,000
Canada.....	369,949,000	Romania.....	22,222,000	Spain.....	86,792,000
Mexico.....	17,000	Russia (Eu.).....	792,902,000	Sweden.....	13,725,000
Argentina.....	47,192,000	Servia.....	2,590,000	Un. kingdom.....	59,595,000
Uruguay.....	590,000	Spain.....	33,858,000	Cyprus.....	1,800,000
Austria-Hung.....	257,494,000	Sweden.....	63,462,000	Japanese emp.....	95,593,000
Belgium.....	40,000,000	Un. kingdom.....	177,163,000	Russia (Asia).....	107,399,000
Bulgaria.....	11,000,000	Cyprus.....	480,000	Africa.....	57,188,000
Denmark.....	49,830,000	Russia (Asia).....	65,454,000	Australasia.....	3,248,000
Finland.....	18,000,000	Africa.....	20,020,000		
France.....	305,370,000	Australasia.....	26,326,000		
Germany.....	530,764,000				
Italy.....	40,973,000				
Netherlands.....	18,515,000				
		Total.....	3,829,062,000		

RYE CROP OF THE WORLD (1911).

COUNTRY.	Bushels.	COUNTRY.	Bushels.	COUNTRY.	Bushels.
United States.....	33,119,000	Denmark.....	19,713,000		
Canada.....	2,694,000	Finland.....	11,000,000		
Mexico.....	70,000	France.....	46,615,000		
Austria-Hung.....	157,181,000	Germany.....	427,776,000		
Belgium.....	23,089,000	Italy.....	5,297,000		
Bulgaria.....	10,000,000	Netherlands.....	17,410,000		



AVERAGE DATES FOR THE BEGINNING OF CORN PLANTING.

BEAN CROP OF THE WORLD (1910).

Country.	Bushels.	Country.	Bushels.
Un. States (1909).....	11,145,000	Russia	2,349,000
Canada	1,178,000	Spain	13,454,000
Mexico (1906).....	5,093,000	Sweden	167,000
Chile	1,610,000	England	8,519,000
Austria	9,749,000	Scotland	383,000
Hungary	4,779,000	Wales	40,000
Denmark	1,690,000	Ireland	80,000
France	9,638,000	Russia (Asia)....	2,000
Italy	20,632,000	Australasia	306,000
Luxemburg	90,000		
Roumania	3,717,000		
		Total.....	95,157,000

PEA CROP OF THE WORLD (1910).

Country.	Bushels.	Country.	Bushels.
Un. States (1909).....	7,110,000	Spain	4,970,000
Canada	6,525,000	Sweden	1,255,000
Mexico (1906).....	2,687,000	United Kingdom..	4,138,000
Hungary	438,000	Russia (Asia)....	622,000
France	1,380,000	Tasmania	380,000
Luxemburg	34,000		
Roumania	565,000		
Russia	98,465,000		
		Total.....	68,569,000

SUGAR PRODUCTION OF THE WORLD (1910-11).

Country.	CANE.	Tons.*	Country.	Tons.*
United States...		1,108,900	Central America	25,400
			Mexico	157,500

Country.	Tons.*	Country.	Tons.*
Cuba	1,500,000	Canada	9,400
Other W. Indies ..	132,300	Austria-Hungary ..	1,498,700
Danish W. Indies ..	11,600	Belgium	267,000
French W. Indies ..	79,600	Bulgaria	3,000
Santo Domingo....	91,000	Denmark	107,300
South America....	709,300	France	630,000
Spain	22,600	Germany	2,548,900
British India.....	2,226,400	Greece	1,000
Malay States.....	12,000	Italy	181,000
Formosa	120,000	Netherlands	213,000
Japan	57,900	Roumania	49,000
Java	1,234,000	Russia	1,881,600
Philippines	147,000	Servia	7,300
Africa	393,000	Spain	70,000
Oceania	291,400	Sweden	171,100
		Switzerland	2,700
Total cane.....	8,321,500		
*Long tons.			

Total beet..... 8,097,000

*Long tons.

BEET.

Country.	Tons.*	Country.	Tons.*
United States...	456,000	Total beet and cane	16,418,500
Country.	Pounds.	Country.	Pounds.
Italy	701,000	China	17,262,000
France	8,702,000	Japan	19,698,000
Spain	183,000	British India....	507,000
Austria-Hungary ..	776,000		
Central Asia.....	6,173,000	Total.....	54,002,000

WORLD'S COTTON SPINDLES AND MILL CONSUMPTION OF RAW COTTON IN 1911.

[From report of United States census bureau.]

Country.	Spindles.	Bales.*	Country.	Spindles.	Bales.*
United States—			Sweden	528,000	95,000
Cotton growing states.....	11,077,000	2,328,000	Denmark	80,000	21,000
All other states.....	18,438,000	2,377,000	Norway	20,000	74,000
Europe—			Other European countries.....	260,000	60,000
United kingdom.....	54,523,000	3,782,000	British India.....	6,250,000	1,650,000
Germany.....	10,480,000	1,685,000	Japan	2,180,000	1,060,000
Russia	8,672,000	1,625,000	China	831,000	350,000
France	7,300,000	960,000	Brazil	1,000,000	370,000
Austria-Hungary	4,564,000	749,000	Canada	855,000	119,000
Italy	4,282,000	790,000	Mexico	630,000	140,000
Spain	1,853,000	315,000	All other countries.....	260,000	65,000
Switzerland	1,481,000	100,000			
Belgium	1,327,000	217,000	Total in 1911.....	137,792,000	19,013,000
Portugal	476,000	65,000	Total in 1910.....	105,681,000	15,177,000
Netherlands	431,000	79,000	*Bales of 500 pounds each.		

WORLD'S PRODUCTION OF TEXTILE FIBERS (1909).

[From report of United States census bureau.]

Country.	Cotton. Pounds.	Wool. Pounds.	Silk. Pounds.	Flax. Pounds.	Hemp. Pounds.	Jute. Pounds.
United States.....	5,157,691,000	328,000,000		4,960,600	10,100,000	
Brazil	180,000,000	1,150,000				
Argentina		328,731,000				
United kingdom.....		133,705,000				
Russia	360,600,000	380,000,000		1,531,000,000	1,021,223,000	
France		73,000,000	1,456,000	46,340,000	30,875,000	
Italy		21,500,000	9,373,000	44,800,000	150,000,000	
Austria-Hungary		41,600,000	838,000	104,332,000	144,513,000	
Turkey	16,000,000	135,500,000				
British India.....	1,801,000,000	50,000,000				
Japan			518,000		73,764,000	2,918,000,000
China	300,000,000	42,253,000	30,135,000		18,963,000	
Egypt	455,500,000	3,000,000	35,697,000			
British South Africa.....		89,793,000				
Australia		582,016,000				
New Zealand.....		174,574,000				
All other countries.....	285,600,000	305,830,000	7,001,000	51,721,000	3,748,000	
Total	8,505,191,000	2,695,622,000	85,048,000*	1,872,127,000	1,453,186,000	2,918,000,000

WORLD'S PRODUCTION OF COTTON FOR MILL USE.

[From report of United States census bureau, 1912.]

Country.	1911.* Bales.	1910. Bales.	1909. Bales.
United States.....	15,546,000	11,483,000	9,863,000
British India.....	2,514,000	3,508,000	3,773,000
Egypt	1,450,000	1,535,000	911,000
Russia	1,200,000	900,000	720,000
China	625,000	725,000	600,000
Brazil	320,000	360,000	360,000
Peru	128,000	128,000	107,000
Mexico	100,000	135,000	125,000
Turkey	124,000	105,000	32,000
Persia	80,000	92,000	90,000
Other countries.....	210,000	200,000	195,000
Total	22,297,000	19,171,000	16,776,000

*Net weight bales of 500 pounds.

COTTON STATISTICS OF UNITED STATES.

Year.	Production. Bales.*	Consumption. Bales.*	Exports. Bales.*
1790.....	3,133	11,000	379
1800.....	73,222	18,829	41,822
1810.....	177,824	35,565	124,116
1820.....	334,728	100,000	249,787
1830.....	732,218	129,938	553,960
1840.....	1,347,640	245,045	1,060,408
1850.....	2,136,083	422,626	1,854,474
1860.....	3,841,416	841,975	615,032
1870.....	4,024,537	1,026,583	2,922,757
1880.....	6,356,998	1,865,922	4,453,495
1890.....	8,562,089	2,604,491	5,850,219
1900.....	10,266,527	3,603,516	6,806,572
1910.....	12,005,683	4,516,779	8,808,195
1911.....	16,250,276		

*Equivalent 500 pound bales.

COTTON PRODUCTION BY STATES (1911).

State.	Bales.*	State.	Bales.*
Alabama	1,757,207	Georgia	2,845,799
Arkansas	972,296	Louisiana	403,482
Florida	85,081	Mississippi	1,252,322

State.	Bales.*	State.	Bales.*
Missouri	101,189	Virginia	29,891
North Carolina.....	1,104,781	Other states.....	24,417
Oklahoma	1,062,922		
South Carolina.....	1,684,096	Total	16,250,276
Tennessee	479,145	*Equivalent bales of	
Texas	4,447,648	500 pounds.	

CROPS OF 1911 BY STATES.

CORN.				
State.	Acres.	Yield, bu.	Bushels.	Value.
Alabama	3,000,000	18.0	54,000,000	\$42,120,000
Arizona	15,000	33.0	495,000	480,000
Arkansas	2,390,000	20.8	49,712,000	35,793,000
California	51,000	36.0	1,836,000	1,652,000
Colorado	373,000	14.0	5,222,000	4,073,000
Connecticut.....	59,000	48.5	2,862,000	2,375,000
Delaware	195,000	34.0	6,630,000	4,044,000
Florida	636,000	14.6	9,286,000	7,429,000
Georgia	3,692,000	16.0	59,072,000	39,375,000
Idaho	11,000	30.0	330,000	280,000
Illinois	10,150,000	33.0	400,775,000	344,222,000
Indiana	4,850,000	36.0	174,600,000	94,284,000
Iowa	9,850,000	31.0	305,350,000	161,836,000
Kansas	8,700,000	14.5	126,150,000	79,474,000
Kentucky	3,600,000	26.0	93,600,000	58,968,000
Louisiana	1,800,000	18.5	33,300,000	23,130,000
Maine	18,000	44.0	792,000	713,000
Maryland	670,000	36.5	24,455,000	15,407,000
Massachusetts.....	47,000	44.0	2,068,000	1,716,000
Michigan	1,690,000	33.0	55,770,000	36,250,000
Minnesota	2,200,000	33.7	74,140,000	39,294,000
Mississippi	2,850,000	19.0	54,150,000	35,988,000
Missouri	7,400,000	26.0	247,500,000	115,440,000
Montana	20,000	28.5	530,000	424,000
Nebraska	7,425,000	21.0	151,565,000	85,759,000
N. Hampshire	23,000	45.0	1,035,000	849,000
Nevada	1,000	30.5	30,000	27,000
New Jersey.....	270,000	36.8	9,936,000	7,055,000
New Mexico.....	94,000	24.7	2,322,000	1,950,000
New York.....	530,000	38.5	20,405,000	15,712,000
N. Carolina.....	2,700,000	18.4	49,290,000	40,738,000
North Dakota	290,000	25.0	2,940,000	4,350,000
Ohio	3,900,000	38.6	144,540,000	87,313,000

State.	Acres.	Yield, bu.	Bushels.	Value.
Oklahoma	5,675,000	6.5	36,835,000	25,822,000
Oregon	20,000	22.5	450,000	456,000
Pennsylvania..	1,435,000	44.5	63,855,000	43,423,000
Rhode Island..	11,000	45.0	495,000	470,000
S. Carolina....	1,796,000	18.2	32,578,000	29,646,000
South Dakota ..	2,310,000	22.0	50,850,000	28,935,000
Tennessee	3,400,000	26.8	91,120,000	55,583,000
Texas	7,340,000	9.5	140,080,000	55,480,000
Utah	8,000	35.0	280,000	227,000
Vermont	46,000	41.0	1,886,000	1,609,000
Virginia	1,980,000	24.0	49,980,000	27,670,000
Washington....	30,000	23.5	704,000	659,000
West Virginia ..	35,000	26.7	18,170,000	13,211,000
Wisconsin	1,600,000	26.3	49,400,000	34,848,000
Wyoming	13,000	15.0	110,000	148,000

Un. States..105,825,000 23.9 2,531,488,000 1,565,258,000

WHEAT (WINTER AND SPRING).

Alabama	30,000	11.5	345,000	\$414,000
Arizona	27,000	29.6	800,000	363,000
Arkansas	36,000	10.5	1,005,000	907,000
California	480,000	18.0	8,640,000	7,603,000
Colorado	438,000	18.9	8,274,000	6,950,000
Delaware	113,000	16.7	1,187,000	1,698,000
Georgia	145,000	10.5	1,740,000	1,984,000
Idaho	517,000	30.7	15,860,000	10,468,000
Illinois	2,625,000	16.0	42,000,000	37,380,000
Indiana	2,337,000	14.7	34,354,000	30,575,000
Iowa	647,000	16.4	10,622,000	9,348,000
Kansas	4,810,000	10.7	51,387,000	46,762,000
Kentucky	780,000	12.7	9,906,000	9,114,000
Maine	3,000	21.0	63,000	69,000
Maryland	605,000	15.5	9,378,000	8,534,000
Michigan	1,025,000	13.0	13,540,000	12,346,000
Minnesota	4,350,000	10.1	43,935,000	40,420,000
Mississippi	9,000	12.0	108,000	108,000
Missouri	2,300,000	15.7	36,110,000	31,777,000
Montana	429,000	28.7	12,299,000	9,470,000
Nebraska	3,098,000	13.8	41,574,000	36,169,000
Nevada	36,000	23.0	1,118,000	968,000
New Jersey....	84,000	17.4	1,462,000	1,404,000
New Mexico....	55,000	25.0	1,262,000	1,262,000
New York.....	345,000	19.5	6,728,000	6,392,000
N. Carolina....	626,000	10.6	6,636,000	6,769,000
North Dakota ..	9,150,000	8.0	73,200,000	65,148,000
Oklahoma	2,265,000	16.0	36,240,000	32,978,000
Oregon	1,122,000	8.0	9,378,000	8,978,000
Pennsylvania..	796,000	22.2	16,726,000	12,545,000
Rhode Island..	1,289,000	13.5	17,402,000	16,010,000
S. Carolina....	83,000	11.4	946,000	1,164,000
South Dakota ..	3,700,000	4.0	14,800,000	13,468,000
Tennessee	720,000	11.5	8,280,000	7,949,000
Texas	700,000	9.4	6,580,000	6,580,000
Utah	225,000	20.0	5,025,000	3,518,000
Vermont	1,000	27.8	28,000	28,000
Virginia	750,000	12.0	9,000,000	8,640,000
Washington....	2,230,000	27.3	50,661,000	35,369,000
West Virginia ..	238,000	11.5	2,737,000	2,792,000
Wisconsin	195,000	17.5	3,097,000	2,788,000
Wyoming	68,000	26.0	1,794,000	1,687,000

Un. States.. 49,543,000 12.5 621,338,000 543,063,000

OATS.

Alabama	283,000	19.2	5,434,000	\$3,586,000
Arizona	6,000	42.0	252,000	151,000
Arkansas	205,000	20.0	4,100,000	2,773,000
California	210,000	34.0	7,140,000	4,213,000
Colorado	290,000	35.0	10,150,000	4,872,000
Connecticut....	11,000	35.1	386,000	216,000
Delaware	4,000	30.0	120,000	56,000
Florida	43,000	13.5	580,000	435,000
Georgia	404,000	21.5	8,686,000	6,080,000
Idaho	331,000	44.0	14,564,000	5,826,000
Illinois	4,220,000	28.8	121,536,000	51,045,000
Indiana	1,640,000	28.7	47,068,000	20,239,000
Iowa	4,350,000	25.5	126,225,000	51,252,000
Kansas	2,000,000	15.0	30,000,000	13,500,000
Kentucky	170,000	18.4	3,128,000	1,564,000
Louisiana	40,000	21.0	840,000	546,000
Maine	135,000	38.5	5,198,000	2,807,000
Maryland	46,000	27.0	1,242,000	609,000
Massachusetts ..	8,000	35.0	280,000	162,000
Michigan	1,500,000	28.6	42,900,000	19,734,000
Minnesota	2,948,000	22.9	67,214,000	26,886,000
Mississippi	180,000	18.4	2,392,000	1,555,000
Missouri	1,800,000	20.8	17,760,000	7,992,000
Montana	425,000	49.8	14,820,000	8,466,000
Nebraska	2,500,000	13.9	34,750,000	14,942,000

State.	Acres.	Yield, bu.	Bushels.	Value.
Nevada	8,000	45.0	360,000	223,000
N. Hampshire ..	12,000	33.8	405,000	248,000
New Jersey....	71,000	28.5	2,024,000	1,612,000
New Mexico....	48,000	38.8	1,862,000	1,061,000
New York.....	1,310,000	29.5	38,645,000	19,709,000
N. Carolina....	219,000	16.5	3,614,000	2,277,000
North Dakota ..	2,180,000	23.5	51,230,000	21,004,000
Ohio	1,700,000	32.1	54,670,000	24,566,000
Oklahoma	909,000	9.0	25,614,000	3,927,000
Oregon	359,000	34.7	12,467,000	5,481,000
Pennsylvania..	1,121,000	28.3	31,724,000	15,862,000
Rhode Island..	2,000	29.0	58,000	34,000
S. Carolina....	345,000	20.4	7,038,000	5,667,000
South Dakota ..	1,540,000	7.4	11,396,000	4,900,000
Tennessee	315,000	19.5	6,142,000	3,071,000
Texas	737,000	25.1	18,499,000	9,989,000
Utah	87,000	44.7	3,889,000	1,828,000
Vermont	76,000	35.0	2,660,000	1,569,000
Virginia	194,000	20.0	3,880,000	2,095,000
Washington....	281,000	51.7	14,528,000	6,538,000
West Virginia ..	110,000	22.0	2,420,000	1,356,000
Wisconsin	2,250,000	29.8	67,050,000	30,172,000
Wyoming	130,000	24.5	6,555,000	3,278,000

Un. States.. 37,763,000 24.4 922,298,000 414,663,000

RYE.

Alabama	1,000	10.0	10,000	\$12,000
California	8,000	17.0	136,000	116,000
Colorado	21,000	12.0	252,000	176,000
Connecticut....	8,000	18.5	145,000	138,000
Delaware	1,000	15.0	15,000	15,000
Georgia	12,000	9.5	114,000	157,000
Idaho	3,000	22.5	68,000	46,000
Illinois	52,000	16.8	874,000	708,000
Indiana	73,000	13.7	1,000,000	800,000
Iowa	30,000	18.0	540,000	416,000
Kansas	18,000	11.0	198,000	160,000
Kentucky	22,000	12.0	264,000	248,000
Maryland	28,000	14.0	406,000	349,000
Massachusetts ..	8,000	16.0	128,000	104,000
Michigan	400,000	14.8	5,920,000	4,964,000
Minnesota	240,000	18.7	4,488,000	3,501,000
Missouri	16,000	14.1	226,000	190,000
Montana	8,000	23.0	184,000	132,000
Nebraska	52,000	13.0	676,000	507,000
New Jersey....	72,000	16.4	1,181,000	980,000
New York.....	135,000	16.7	2,254,000	2,006,000
N. Carolina....	47,000	10.0	470,000	470,000
North Dakota ..	36,000	16.6	598,000	454,000
Oklahoma	60,000	15.5	930,000	790,000
Oregon	4,000	9.5	38,000	40,000
Pennsylvania..	18,000	19.5	351,000	216,000
S. Carolina....	285,000	15.1	4,304,000	3,443,000
South Dakota ..	3,000	10.0	30,000	44,000
Tennessee	13,000	10.0	130,000	99,000
Texas	19,000	11.9	226,000	224,000
Utah	2,000	10.0	20,000	21,000
Vermont	5,000	15.5	78,000	55,000
Virginia	1,000	22.5	22,000	21,000
Washington....	48,000	11.5	552,000	491,000
West Virginia ..	8,000	22.0	176,000	141,000
Wisconsin	17,000	10.0	170,000	168,000
Wyoming	355,000	17.0	6,035,000	5,069,000
Un. States..	2,127,000	15.6	33,119,000	27,557,000

BARLEY.

Alabama	13,000	36.5	1,278,000	\$1,112,000
California	1,450,000	25.0	40,600,000	34,510,000
Colorado	74,000	29.0	2,146,000	1,481,000
Idaho	142,000	37.0	5,964,000	4,175,000
Illinois	55,000	28.0	1,450,000	1,417,000
Indiana	9,000	25.6	238,000	178,000
Iowa	500,000	21.9	10,950,000	10,184,000
Kansas	250,000	6.5	1,625,000	975,000
Kentucky	3,000	23.7	86,000	63,000
Maine	4,000	28.0	112,000	101,000
Maryland	4,000	23.0	92,000	55,000
Michigan	90,000	24.0	2,160,000	1,858,000
Minnesota	1,475,000	19.0	28,025,000	26,904,000
Missouri	6,000	20.0	120,000	90,000
Montana	31,000	34.5	1,070,000	728,000
Nebraska	120,000	11.0	1,320,000	792,000
Nevada	12,000	40.0	480,000	389,000
N. Hampshire ..	1,000	24.0	24,000	21,000
New Mexico....	2,000	38.0	86,000	46,000
New York.....	80,000	15.0	2,000,000	1,940,000
North Dakota ..	1,050,000	19.5	20,475,000	17,404,000

State.	Acres.	Yield, bu.	Bushels.	Value.	State.	Acres.	Yield, bu.	Bushels.	Value.
Ohio	20,000	27.2	544,000	457,000	Oklahoma ...	30,000	18	540,000	670,000
Oklahoma	10,000	10.0	100,000	61,000	Oregon	46,000	180	5,980,000	4,007,000
Oregon	115,000	24.0	3,944,000	2,564,000	Pennsylvania..	270,000	55	15,120,000	14,062,000
Pennsylvania..	7,000	25.0	175,000	114,000	Rhode Island ..	5,000	110	550,000	583,000
South Dakota ..	1,020,000	5.4	5,508,000	4,847,000	S. Carolina...	10,000	70	700,000	854,000
Tennessee	3,000	28.0	84,000	76,000	South Dakota ..	56,000	72	4,032,000	2,822,000
Texas	5,000	18.0	90,000	84,000	Tennessee ...	38,000	41	1,558,000	1,683,000
Utah	24,000	40.0	1,032,000	681,000	Texas	50,000	57	2,850,000	3,591,000
Vermont	12,000	30.5	366,000	300,000	Utah	15,000	140	2,100,000	1,785,000
Virginia	10,000	23.0	230,000	161,000	Vermont	26,000	105	2,730,000	2,157,000
Washington...	176,000	37.0	6,512,000	4,428,000	Virginia	95,000	45	4,275,000	4,104,000
Wisconsin	520,000	25.5	20,910,000	20,701,000	Washington...	59,000	160	9,440,000	6,419,000
Wyoming	11,000	34.0	374,000	280,000	West Virginia ..	44,000	45	1,980,000	2,059,000
Un. States..	7,627,000	21.0	160,240,000	139,182,000	Wisconsin	250,000	116	32,450,000	20,135,000

BUCKWHEAT.

State.	Acres.	Yield.	Tons.	Value.	State.	Acres.	Yield.	Tons.	Value.
Connecticut...	3,000	19.0	57,000	\$54,000	Alabama	120,000	1.40	168,000	\$2,150,000
Delaware	4,000	19.0	76,000	49,000	Arizona	130,000	3.86	502,000	6,024,000
Illinois	4,000	18.1	72,000	68,000	Arkansas	200,000	1.15	230,000	2,990,000
Indiana	5,000	18.3	92,000	68,000	California ...	700,000	1.75	1,125,000	13,352,000
Iowa	7,000	17.5	122,000	110,000	Colorado	707,000	2.00	1,414,000	13,150,000
Kansas	1,000	12.0	12,000	12,000	Connecticut...	490,000	1.10	539,000	12,666,000
Maine	15,000	30.0	450,000	315,000	Delaware	72,000	.88	63,000	1,418,000
Massachusetts	2,000	21.0	42,000	37,000	Florida	18,000	1.30	23,000	426,000
Michigan	67,000	18.0	1,206,000	856,000	Georgia	87,000	1.35	117,000	1,989,000
Minnesota	7,000	18.0	126,000	96,000	Idaho	525,000	3.10	1,628,000	12,373,000
Missouri	2,000	10.0	20,000	21,000	Illinois	2,376,000	.82	1,948,000	33,116,000
Nebraska	1,000	16.0	16,000	15,000	Indiana	1,848,000	.94	1,747,000	29,182,000
N. Hampshire ..	1,000	27.3	27,000	22,000	Iowa	3,240,000	.80	2,592,000	32,400,000
New Jersey	13,000	20.0	260,000	195,000	Kansas	1,649,000	.85	1,402,000	13,800,000
New York	280,000	21.3	5,964,000	4,354,000	Kentucky	450,000	.95	428,000	7,404,000
N. Carolina...	10,000	19.0	190,000	152,000	Louisiana	24,000	1.30	31,000	372,000
Ohio	19,000	21.0	399,000	311,000	Maine	1,400,000	1.10	1,540,000	22,176,000
Pennsylvania..	291,000	21.9	6,373,000	4,397,000	Maryland	276,000	1.35	199,000	4,458,000
Tennessee	3,000	16.0	48,000	38,000	Massachusetts	548,000	1.08	631,000	14,513,000
Vermont	8,000	24.3	194,000	165,000	Michigan	2,411,000	1.16	2,797,000	47,549,000
Virginia	24,000	16.0	384,000	269,000	Minnesota ...	799,000	1.00	799,000	9,950,000
West Virginia ..	36,000	24.0	864,000	734,000	Mississippi ...	100,000	.50	1,050,000	1,850,000
Wisconsin	18,000	17.5	315,000	236,000	Missouri	2,430,000	.60	1,458,000	19,391,000
Un. States..	833,000	21.1	17,549,000	12,735,000	Montana	612,000	2.00	1,224,000	12,240,000

FLAXSEED.

State.	Acres.	Yield.	Tons.	Value.	State.	Acres.	Yield.	Tons.	Value.
Colorado	3,000	7.0	21,000	\$38,000	Nebraska	1,350,000	.85	1,148,000	11,136,000
Iowa	75,000	8.0	128,000	287,000	Nevada	254,000	3.40	864,000	8,208,000
Kansas	75,000	3.0	225,000	450,000	N. Hampshire ..	640,000	1.05	672,000	11,558,000
Minnesota	400,000	8.0	3,200,000	5,824,000	New Jersey	428,000	1.05	449,000	9,878,000
Missouri	18,000	3.0	54,000	103,000	New Mexico...	221,000	2.60	575,000	4,475,000
Montana	425,000	7.7	3,272,000	5,890,000	New York	4,763,000	1.02	4,858,000	86,958,000
Nebraska	2,000	5.0	10,000	18,000	N. Carolina...	161,000	1.05	169,000	2,873,000
North Dakota ..	1,200,000	7.6	9,120,000	16,781,000	North Dakota ..	192,000	1.10	211,000	1,477,000
Oklahoma	1,000	3.0	3,000	5,000	Ohio	2,556,000	.98	2,505,000	47,344,000
South Dakota ..	607,000	5.3	3,217,000	5,726,000	Oklahoma	810,000	.80	648,000	5,184,000
Wisconsin	10,000	12.0	120,000	222,000	Oregon	452,000	2.10	949,000	9,110,000
Un. States..	2,757,000	7.0	19,370,000	35,272,000	Pennsylvania..	3,148,000	1.00	3,148,000	62,960,000

POTATOES.

State.	Acres.	Yield.	Tons.	Value.	State.	Acres.	Yield.	Tons.	Value.
Alabama	15,000	78	1,170,000	\$1,381,000	Arkansas	200	700	140,000	\$35,000
Arizona	1,000	95	95,000	133,000	California ...	800	600	480,000	57,600
Arkansas	26,000	55	1,430,000	1,644,000	Florida	2,600	940	2,444,000	684,320
California	72,000	135	9,720,000	8,748,000	Georgia	1,200	900	1,080,000	302,400
Colorado	30,000	35	3,150,000	3,113,000	Illinois	1,000	750	750,000	58,500
Connecticut...	25,000	85	1,955,000	2,053,000	Indiana	22,000	910	20,020,000	1,561,560
Delaware	11,000	60	660,000	634,000	Kentucky	345,000	880	303,600,000	23,377,200
Florida	10,000	90	900,000	1,305,000	Louisiana	500	450	225,000	85,350
Georgia	12,000	72	864,000	950,000	Maryland	26,000	735	19,110,000	1,433,250
Idaho	29,000	180	5,220,000	3,393,000	Massachusetts	5,600	1,650	9,240,000	1,845,000
Illinois	138,000	50	6,900,000	6,210,000	Missouri	6,000	800	4,800,000	576,000
Indiana	89,000	58	5,162,000	4,491,000	N. Hampshire ..	100	1,700	170,000	27,200
Iowa	174,000	74	12,876,000	9,399,000	New York	3,800	1,330	5,054,000	525,616
Kansas	80,000	22	1,760,000	1,866,000	N. Carolina...	140,000	710	99,400,000	11,530,400
Kentucky	52,000	39	2,028,000	2,170,000	Ohio	88,000	810	81,400,000	6,186,400
Louisiana	22,000	69	1,518,000	1,518,000	Pennsylvania..	46,000	1,420	65,320,000	6,205,400
Maine	118,000	180	21,240,000	16,355,000	S. Carolina...	13,600	810	11,016,000	1,388,016
Maryland	39,000	45	1,755,000	1,597,000	Tennessee ...	77,000	810	62,370,000	5,301,450
Massachusetts	25,000	93	2,325,000	2,232,000					
Michigan	330,000	94	31,020,000	22,024,000					
Minnesota	225,000	115	25,875,000	15,008,000					
Mississippi ...	9,000	83	747,000	859,000					
Missouri	95,000	27	2,565,000	2,616,000					
Montana	27,000	150	4,050,000	2,997,000					
Nebraska	116,000	52	6,032,000	5,549,000					
Nevada	8,000	160	1,280,000	1,390,000					
N. Hampshire ..	17,000	125	2,125,000	1,849,000					
New Jersey	34,000	73	6,132,000	6,439,000					
New Mexico...	10,000	80	800,000	800,000					
New York	375,000	74	27,750,000	24,975,000					
N. Carolina...	31,000	48	1,488,000	1,607,000					
North Dakota ..	42,000	120	5,040,000	2,772,000					
Ohio	190,000	65	12,350,000	10,374,000					

TOBACCO.

State.	Acres.	Yield.	Pounds.	Value.
Alabama	200	700	140,000	\$35,000
Arkansas	800	600	480,000	57,600
Florida	2,600	940	2,444,000	684,320
Georgia	1,200	900	1,080,000	302,400
Illinois	1,000	750	750,000	58,500
Indiana	22,000	910	20,020,000	1,561,560
Kentucky	345,000	880	303,600,000	23,377,200
Louisiana	500	450	225,000	85,350
Maryland	26,000	735	19,110,000	1,433,250
Massachusetts	5,600	1,650	9,240,000	1,845,000
Missouri	6,000	800	4,800,000	576,000
N. Hampshire ..	100	1,700	170,000	27,200
New York	3,800	1,330	5,054,000	525,616
N. Carolina...	140,000	710	99,400,000	11,530,400
Ohio	88,000	810	81,400,000	6,186,400
Pennsylvania..	46,000	1,420	65,320,000	6,205,400
S. Carolina...	13,600	810	11,016,000	1,388,016
Tennessee ...	77,000	810	62,370,000	5,301,450

State.	Acres.	Yield.	Pounds.	Value.
Texas	300	650	195,000	39,900
Vermont	100	1,700	170,000	27,200
Virginia	180,000	800	128,000	12,888,000
West Virginia	15,000	750	11,250,000	900,940
Wisconsin	41,000	1,250	51,250,000	5,125,000
Connecticut	17,000	1,625	27,625,000	5,663,125
Un. States..	1,012,800	893.7	905,109,000	85,210,387

SHEEP AND WOOL IN THE UNITED STATES (1911).

State.	Sheep, April 1.	Wool, washed and unwashed, pounds.	Wool, scoured, pounds.
Alabama	120,000	390,000	234,000
Arizona	850,000	5,950,000	1,963,000
Arkansas	100,000	1,000,000	240,000
California	1,700,000	11,900,000	3,927,000
Colorado	1,300,000	9,100,000	2,912,000
Connecticut	15,000	82,500	47,850
Delaware	5,000	27,500	15,125
Florida	100,000	325,000	195,000
Georgia	175,000	700,000	392,000
Idaho	2,200,000	16,500,000	5,775,000
Illinois	850,000	4,900,000	2,548,000
Indiana	700,000	5,525,000	2,935,500
Iowa	900,000	6,075,000	3,159,500
Kansas	325,000	1,837,500	900,835
Kentucky	900,000	2,162,500	1,297,500
Louisiana	145,000	536,500	316,535
Maine	150,000	900,000	522,000
Maryland	128,000	742,400	408,320
Massachusetts	23,000	143,750	83,375
Michigan	1,600,000	10,800,000	5,440,000
Minnesota	480,000	3,360,000	1,747,200
Mississippi	160,000	640,000	371,200
Missouri	1,150,000	8,050,000	4,256,500
Montana	4,650,000	34,875,000	12,903,750
Nebraska	250,000	1,600,000	821,250
Nevada	825,000	5,775,000	1,905,750
New Hampshire	17,000	198,000	102,000
New Jersey	17,000	93,500	40,555
New Mexico	3,000,000	20,250,000	6,885,000
New York	650,000	4,030,000	2,053,300
North Carolina	150,000	662,500	326,250
North Dakota	250,000	1,812,500	670,625
Ohio	2,900,000	18,850,000	9,425,000
Oklahoma	60,000	390,000	117,000
Oregon	1,800,400	15,300,000	4,743,000
Pennsylvania	600,000	4,225,000	2,197,000
Rhode Island	5,000	30,000	17,400
South Carolina	30,000	112,500	65,250
South Dakota	525,000	3,543,750	1,417,500
Tennessee	500,000	2,162,500	1,297,500
Texas	1,400,000	9,450,000	3,118,500
Utah	2,000,000	13,500,000	4,590,000
Vermont	90,000	585,000	292,500
Virginia	450,000	2,025,000	1,296,000
Washington	400,000	3,700,000	1,110,000
West Virginia	250,000	1,625,000	775,500
Wisconsin	650,000	4,387,500	2,325,375
Wyoming	4,000,000	34,000,000	10,200,000

United States.....39,761,000 318,547,900 139,896,195
In 1910.....41,999,500 321,362,750 141,805,813

NOTE—The totals include pulled wool.

PRODUCTION OF POULTRY AND EGGS ON FARMS.

[From bureau of census report issued in 1912. The figures are for 1909.]

State.	Fowls raised.	Value fowls.	Eggs, dozen.	Value eggs.
Alabama.....	12,467,486	\$3,168,471	22,234,713	\$3,762,445
Arizona.....	392,286	225,640	1,744,081	530,746

State.	Fowls raised.	Value fowls.	Eggs, dozen.	Value eggs.
Arkansas.....	10,808,758	2,868,562	27,054,674	4,459,272
California.....	8,490,968	4,020,515	41,022,935	10,262,694
Colorado.....	2,706,946	1,393,039	10,652,396	2,444,006
Connecticut.....	1,045,854	1,374,754	8,566,343	2,476,125
Delaware.....	1,562,370	838,533	4,448,482	968,379
D. Columbia.....	15,614	9,102	51,945	15,277
Florida.....	2,461,358	1,006,198	6,380,956	1,379,878
Georgia.....	14,930,716	4,119,870	20,793,359	3,971,760
Idaho.....	1,653,272	800,700	6,492,270	1,548,431
Illinois.....	32,352,888	15,404,028	100,119,418	18,940,454
Indiana.....	23,067,814	10,726,137	80,755,437	15,287,205
Iowa.....	29,990,147	13,914,385	109,760,487	19,235,600
Kansas.....	24,583,465	9,382,214	81,659,304	13,864,360
Kentucky.....	19,247,287	6,937,008	14,567,544	2,448,502
Louisiana.....	6,357,010	1,943,515	44,313,377	7,605,116
Maine.....	2,601,733	1,454,815	14,935,959	3,742,535
Maryland.....	5,949,495	3,011,382	15,533,732	3,235,759
Massachusetts.....	3,212,339	2,411,078	14,145,240	4,280,445
Michigan.....	12,877,537	6,191,440	59,915,851	11,734,799
Minnesota.....	11,862,787	4,714,919	53,807,974	9,767,410
Mississippi.....	12,069,856	3,249,224	20,542,487	3,657,657
Missouri.....	31,913,210	14,572,585	111,816,693	19,345,602
Montana.....	1,432,741	797,450	6,004,061	1,610,766
Nebraska.....	15,274,150	5,866,508	46,929,923	7,990,377
Nevada.....	190,815	115,610	870,489	263,813
New Hampshire.....	1,394,654	879,014	7,499,014	2,045,393
New Jersey.....	4,347,283	3,846,029	14,842,859	3,903,005
N. Mexico.....	932,045	376,907	2,976,233	683,441
New York.....	13,980,792	8,403,162	72,349,034	17,101,732
N. Carolina.....	15,227,685	4,966,767	23,556,124	4,256,769
N. Dakota.....	4,043,481	1,530,402	17,294,322	3,045,687
Ohio.....	23,433,005	10,997,633	100,889,599	19,748,658
Oklahoma.....	16,264,003	5,388,133	46,000,600	7,544,445
Oregon.....	2,655,492	1,416,068	11,906,903	2,912,849
Pennsylvania.....	17,484,951	9,277,886	74,729,705	16,602,815
Rhode Island.....	602,335	482,015	2,894,081	848,527
S. Carolina.....	8,701,348	2,548,179	11,049,468	2,162,797
S. Dakota.....	6,186,427	2,355,567	25,067,489	4,244,291
Tennessee.....	17,415,208	5,774,175	42,043,104	7,258,146
Texas.....	25,656,359	7,481,165	77,845,047	11,943,546
Utah.....	971,917	412,359	4,672,866	999,959
Vermont.....	1,282,524	759,362	7,037,082	1,715,221
Virginia.....	16,290,508	6,145,236	35,100,693	6,882,276
Washington.....	3,722,257	1,873,608	16,472,575	4,311,291
W. Virginia.....	5,543,096	2,238,696	19,159,008	3,672,193
Wisconsin.....	10,764,943	4,653,649	50,623,813	9,526,784
Wyoming.....	519,169	260,538	2,091,716	501,386

Total.....488,468,354 202,506,272 1,591,311,371 306,688,960

The above table shows the total number of fowls raised in 1909. The total number on farms at the time the census was taken, April 15, 1910, was:

Class.	Number.	Value.
Chickens	280,340,643	\$140,192,912
Turkeys	3,688,688	6,605,640
Ducks	2,904,359	1,566,176
Geese	4,311,623	3,192,861
Guinea fowls.....	1,765,033	613,282
Pigeons	2,730,996	762,372
All other.....	14,834	460,899

Total.....295,876,176 153,394,142

NUMBER AND VALUE OF LIVE STOCK (1912).

[From report of bureau of statistics. United States department of agriculture.]

Farm animals.	Number.	Av. price.	Total value.
Horses	20,508,000	\$105.94	\$2,172,574,000
Mules	4,362,000	120.50	525,800,000
Milch cows.....	20,699,000	39.39	815,414,000
Other cattle.....	37,260,000	21.20	790,064,000
Sheep	52,362,000	3.46	181,170,000
Swine	65,410,000	8.00	523,228,000

The states having the largest number of farm animals of each kind in 1912 were:

Horses—Iowa, 1,568,000; Illinois, 1,497,000; Kansas, 1,169,000; Texas, 1,153,000; Missouri, 1,095,000; Nebraska, 1,059,000; Ohio, 901,000; Indiana, 838,000; Minnesota, 806,000; Oklahoma, 750,000; North Dakota, 691,000; South Dakota, 675,000; Wisconsin, 652,000; Michigan, 634,000; New York, 609,000.

Mules—Texas, 703,000; Missouri, 333,000; Georgia, 310,000; Tennessee, 279,000; Oklahoma, 272,000; Alabama, 265,000; Kentucky, 234,000; Arkansas, 228,000; Kansas, 218,000.

Milch Cows—Wisconsin, 1,504,000; New York, 1,495,000; Iowa, 1,393,000; Minnesota, 1,107,000; Illi-

nois, 1,049,000; Texas, 1,034,000; Pennsylvania, 943,000; Ohio, 822,000; Michigan, 806,000; Kansas, 678,000; Indiana, 634,000.

Cattle (other than milch cows)—Texas, 5,177,000; Iowa, 2,773,000; Nebraska, 2,002,000; Kansas, 1,872,000; California, 1,515,000; Missouri, 1,504,000; Illinois, 1,266,000; Oklahoma, 1,242,000; Minnesota, 1,161,000; Wisconsin, 1,146,000.

Sheep—Montana, 5,011,000; Wyoming, 4,969,000; Ohio, 3,694,000; New Mexico, 3,300,000; Idaho, 2,951,000; California, 2,656,000; Oregon, 2,592,000; Michigan, 2,276,000; Texas, 2,032,000; Utah, 1,990,000; Missouri, 1,700,000; Colorado, 1,579,000; Arizona, 1,510,000; Nevada, 1,444,000; Indiana, 1,372,000; Kentucky, 1,320,000; Iowa, 1,201,000; Illinois, 1,068,000.

Swine—Iowa, 9,689,000; Illinois, 4,640,000; Missouri, 4,491,000; Nebraska, 4,267,000; Indiana, 4,031,000; Ohio, 3,578,000; Kansas, 2,808,000; Texas, 2,544,000; Georgia, 2,098,000; Wisconsin, 2,051,000; Arkansas, 1,738,000; Kentucky, 1,724,000; Minnesota, 1,702,000.

AVERAGE WEIGHT OF HOGS MARKETED.

Market. 1911. 1910. 1909. 1908. 1907. 1906. 1905. 1904. 1903. Chicago..... 228 235 218 216 231 226 222 220 227 Kansas City..... 204 210 199 201 212 211 208 207 212 Omaha..... 219 252 233 229 237 239 242 244 255 Sioux City..... 250 263 233 238 249 248 244 247 248

According to the bureau of statistics of the department of agriculture the average weight of hogs is much lighter than in former years. In the decade of 1870-1879 the average weight of hogs killed during the winter months in western packing centers was about 275 pounds; 1880-1889, about 257 pounds; 1890-1899, 239 pounds, and in 1900-1909, about 219 pounds.

BEES IN 1910 AND 1900.

According to a report of the bureau of the census the number of farms reporting bees decreased from 707,215 in 1900 to 590,207 in 1910, or 16.5 per cent, and the number of colonies of bees decreased from 4,108,239 to 3,444,520, or 16.2 per cent; whereas the value increased from \$10,175,000 to \$10,372,000, or 1.9 per cent. In 1910 only nine farms in each 100 reported bees.

WHEAT HARVEST CALENDAR.

January—Australia, New Zealand, Chile, Argentine Republic.

February and March—Upper Egypt, India.

April—Lower Egypt, India, Syria, Cyprus, Persia, Asia Minor, Mexico, Cuba.

May—Texas, Algeria, Central Asia, China, Japan, Morocco.

June—California, Oregon, Mississippi, Alabama, Georgia, North Carolina, South Carolina, Tennessee, Virginia, Kentucky, Kansas, Arkansas, Utah, Colorado, Missouri, Turkey, Greece, Italy, Spain, Portugal, south of France.

July—New England, New York, Pennsylvania, Ohio, Indiana, Michigan, Illinois, Iowa, Wisconsin, southern Minnesota, Nebraska, upper Canada, Roumania, Bulgaria, Austria, Hungary, south of Russia, Germany, Switzerland, south of England.

August—Central and northern Minnesota, Dakotas, Manitoba, lower Canada, British Columbia, Belgium, Holland, Great Britain, Denmark, Poland, central Russia.

September and October—Scotland, Sweden, Norway, north of Russia.

November—Peru, South Africa.

December—Burma, New South Wales.

GRAIN CROPS OF THE CANADIAN NORTHWEST.

Bushels produced in 1910 and 1911.

PROVINCE.	WHEAT.		OATS.		BARLEY.	
	1910.	1911.	1910.	1911.	1910.	1911.
Manitoba.....	41,150,000	60,275,000	44,351,000	61,511,000	13,826,000	14,447,000
Saskatchewan.....	81,130,000	97,065,000	65,903,000	104,085,000	3,568,000	5,445,000
Alberta.....	9,579,000	36,143,000	25,122,000	60,524,000	3,953,000	4,151,000
Total.....	128,851,000	194,083,000	134,676,000	226,120,000	21,377,000	24,043,000

AVERAGE VALUE PER HEAD OF FARM ANIMALS.

On Jan. 1 of years indicated.

Animals.	1912.	1911.	1910.	1909.	1900-1909.	1890-1899.	1880-1889.	1870-1879.
Horses.....	\$108.94	\$111.67	\$108.19	\$95.64	\$71.99	\$48.24	\$67.78	\$62.07
Mules.....	120.51	125.42	119.84	107.84	84.98	58.79	76.63	75.65
Milch cows.....	39.39	40.49	35.79	32.36	30.12	23.35	26.65	27.27
Other cattle.....	21.20	20.85	19.41	17.49	18.09	16.53	19.77	17.54
Sheep.....	3.46	3.73	4.08	3.43	3.13	2.23	2.21	2.32
Swine.....	8.00	9.35	9.14	6.55	6.46	4.81	5.18	4.76

PRINCIPAL FARM CROPS OF THE UNITED STATES BY YEARS.

[From tables prepared by the department of agriculture.]

YEAR.	CORN.			WHEAT.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
1901.....	91,349,928	1,522,519,891	\$921,555,768	49,895,514	748,460,218	\$167,350,156
1902.....	94,043,613	2,523,648,312	1,017,017,349	46,202,424	670,063,008	422,224,117
1903.....	89,091,935	2,244,176,925	952,908,801	49,494,967	637,821,335	443,024,826
1904.....	82,251,581	2,467,480,584	1,087,461,140	44,074,875	552,398,517	510,489,574
1905.....	94,011,369	2,707,960,578	1,116,698,798	47,884,073	632,979,489	518,372,727
1906.....	96,757,581	2,927,416,091	1,168,626,479	47,305,829	735,260,970	490,332,760
1907.....	99,931,000	2,592,320,000	1,336,901,000	45,211,000	634,087,000	554,437,000
1908.....	101,788,000	2,668,651,000	1,616,145,000	47,557,000	684,002,000	616,826,000
1909.....	98,883,000	2,552,190,000	1,421,000,000	44,261,000	683,350,000	583,350,000
1910.....	104,035,000	2,886,260,000	1,384,817,000	45,681,000	635,121,000	561,051,000
1911.....	105,825,000	2,531,488,000	1,565,258,000	49,543,000	621,338,000	543,063,000

YEAR.	OATS.			RYE.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
1901.....	28,541,476	736,306,724	\$253,658,777	1,987,505	30,344,880	\$16,909,742
1902.....	30,553,141	987,842,712	308,584,852	1,978,548	33,630,552	17,080,793
1903.....	27,638,126	784,094,199	267,061,065	1,906,894	28,363,416	15,969,871
1904.....	27,842,489	804,536,532	273,900,013	1,792,673	24,264,555	18,745,543
1905.....	28,046,746	953,216,197	277,047,537	1,692,568	27,616,465	16,754,657
1906.....	30,958,768	964,904,522	306,292,978	2,001,904	33,374,833	19,671,243
1907.....	31,837,000	754,443,000	238,568,000	1,926,000	31,566,000	23,068,000
1908.....	32,344,000	807,156,000	281,171,000	1,948,000	31,851,000	23,455,000
1909.....	35,157,000	1,007,129,000	338,000,000	2,196,000	29,520,000	20,000,000
1910.....	37,549,000	1,186,841,000	408,388,000	2,185,000	34,897,000	24,963,000
1911.....	37,763,000	922,298,000	314,063,000	2,127,000	33,119,000	27,557,000

PRINCIPAL FARM CROPS OF THE UNITED STATES.—CONTINUED.

YEAR.	BARLEY.			BUCKWHEAT.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
1901.....	4,295,744	109,932,924	\$49,705,163	811,164	15,125,939	\$8,523,317
1902.....	4,061,063	134,954,023	61,898,634	804,889	14,529,770	8,654,704
1903.....	4,993,137	131,861,391	60,166,313	804,393	14,243,644	8,650,733
1904.....	5,148,878	139,748,958	59,651,807	793,625	15,008,395	9,390,768
1905.....	5,085,528	136,651,020	55,047,169	790,118	14,585,382	8,555,499
1906.....	6,323,757	178,916,484	74,235,997	789,208	14,641,987	8,727,443
1907.....	6,448,000	153,597,000	102,290,000	800,000	14,200,000	9,975,000
1908.....	6,646,000	166,756,000	92,442,000	803,000	15,874,000	12,004,000
1909.....	7,698,000	173,321,000	.....	878,000	14,849,000	.....
1910.....	7,743,000	173,832,000	100,426,000	860,000	17,598,000	11,636,000
1911.....	7,627,000	160,240,000	139,182,000	833,000	17,549,000	12,735,000

YEAR.	POTATOES.			HAY.		
	Acres.	Bushels.	Value.	Acres.	Tons.	Value.
1901.....	2,364,355	187,598,087	\$143,979,470	39,390,508	59,590,877	\$506,191,553
1902.....	2,965,587	284,632,789	134,111,436	39,825,227	59,857,576	542,036,364
1903.....	2,916,855	247,137,890	137,638,194	39,593,959	61,305,940	556,376,880
1904.....	3,015,675	332,890,300	150,673,392	39,968,692	62,969,028	529,107,625
1905.....	2,996,757	260,741,294	160,821,080	39,361,960	60,531,611	519,938,784
1906.....	3,013,150	308,038,382	157,547,392	42,476,224	57,145,959	602,539,671
1907.....	3,124,000	297,942,000	133,880,000	44,028,000	63,677,000	743,507,000
1908.....	3,257,000	278,985,000	197,039,000	46,486,000	70,798,000	635,423,000
1909.....	3,669,000	389,195,000	.....	45,744,000	64,938,000	689,345,000
1910.....	3,720,000	349,032,000	194,606,000	45,691,000	60,978,000	747,769,000
1911.....	3,619,000	282,757,000	233,778,000	43,017,000	47,444,000	694,570,000

YEAR.	TOBACCO.			COTTON.		
	Acres.	Pounds.	Value.	Acres.	Bales.	Value.
1901.....	1,030,795	823,953	\$27,638,610	27,220,414	10,652,995	418,358,366
1902.....	1,037,735	815,972,425	55,514,627	27,114,103	10,725,422	438,051,005
1903.....	806,409	660,460,739	53,382,959	29,016,893	9,851,129	576,499,824
1904.....	776,112	633,033,719	48,674,118	30,053,739	13,438,012	561,100,386
1905.....	796,099	682,428,530	68,232,647	32,049,000	13,273,809	640,311,538
1906.....	820,800	698,126,000	71,411,000	31,311,000	11,107,179	613,690,436
1907.....	875,425	718,061,380	74,130,185	32,444,000	13,241,799	588,814,828
1908.....	1,285,000	1,055,765,000	.....	30,938,000	10,004,949	588,530,000
1909.....	1,193,415	1,000,000,000	102,342,400	32,403,610	11,611,616	620,320,000
1910.....	1,013,000	905,109,000	85,210,000	36,045,000	16,250,276	.....

*No data.

AVERAGE FARM VALUE OF CROPS.

DEC. 1.	Wheat.		Oats.	Corn.	Rye.	Barley	Buckwheat.	Potatoes.	Hay, per ton
	Cents.	Cents.							
1901.....	62.4	39.9	60.5	55.7	45.2	56.3	76.7	10.01	9.06
1902.....	63.0	30.7	40.3	50.8	45.9	59.6	47.1	9.06	9.06
1903.....	69.5	34.1	42.5	54.5	45.6	60.7	61.4	9.08	9.08
1904.....	92.4	31.3	68.3	42.0	68.9	62.2	45.3	8.72	8.52
1905.....	74.3	29.1	41.2	61.1	40.3	58.7	61.7	10.37	11.08
1906.....	66.7	31.7	39.9	58.9	41.5	59.6	51.1	8.98	10.62
1907.....	87.4	44.3	51.6	73.1	66.6	69.8	61.7	12.26	14.64
1908.....	92.4	47.2	60.6	73.6	55.4	75.6	70.6	.....	.....
1909.....	99.0	40.5	59.6	73.9	55.2	69.9	54.9	.....	.....
1910.....	88.3	34.1	48.0	72.2	57.8	65.7	55.7	.....	.....
1911.....	87.4	45.0	61.8	83.2	86.9	72.6	79.9	.....	.....

BEET SUGAR IN THE UNITED STATES.

STATE AND YEAR.	Factories in operation.	Area harvested.	Average yield of beets per acre.	Beets worked.	Sugar manufactured.	Estimated average extra- tion of sugar.	Average sugar in beets.	Average purity of beets.	Av. length of campaign.
1911.	No.	Acres.	Short tons.	Short tons.	Pounds.	Per cent.	Per cent.	Per cent.	Days
California.....	10	99,163	10.72	1,093,386	328,160,000	15.43	18.54	81.35	96
Colorado.....	17	89,285	11.20	966,690	236,454,000	12.23	15.58	83.5	61
Michigan.....	17	145,837	9.98	1,455,235	302,694,000	10.40	14.49	83.6	122
Utah and Idaho.....	9	61,002	12.73	648,677	166,372,000	12.87	16.47	83.6	94
Wisconsin.....	4	23,241	11.02	256,124	51,890,000	10.13	14.38	83.1	106
10 states having 1 factory each	12	64,264	10.73	629,531	152,110,000	11.03	14.60	83.1	83
Totals and averages.....	69	469,792	10.81	5,079,673	1,238,280,000	12.19	15.81	83.1	93
1910.....	61	398,029	10.17	4,027,292	1,020,344,000	12.61	16.35	81.35	83
1909.....	65	420,262	9.71	4,081,382	1,024,938,000	12.56	16.1	81.11	83
1908.....	62	364,913	9.36	3,414,891	851,768,000	12.47	15.74	83.5	74
1907.....	63	307,894	10.16	3,767,871	927,256,430	12.30	15.8	83.6	89
1906.....	63	376,074	11.26	4,236,112	967,224,000	11.42	14.9	82.2	105
1905.....	52	307,364	8.67	2,665,913	625,841,238	11.74	15.3	81.0	77
1904.....	48	197,784	10.47	2,071,539	484,226,430	11.69	15.3	83.1	78
1903.....	49	242,576	8.56	2,076,494	481,209,087	11.59	15.1	83.3	75
1902.....	41	216,400	8.76	1,895,812	436,811,685	11.52	14.6	83.3	94
1901.....	36	175,083	9.63	1,685,689	369,211,733	10.95	14.8	82.2	88

*No data.

SUGAR PRODUCTION IN THE UNITED STATES BY YEARS.

In long tons.

YEAR.	Beet sugar.	CANE SUGAR.					Total.
		Louisiana.	Other southern states.	Porto Rico.	Hawaii.	Philippines.	
1902-3.....	194,782	339,226	3,722	35,060	391,062	90,000	1,093,792
1903-4.....	214,825	228,477	19,800	130,000	328,103	84,000	1,005,205
1904-5.....	216,173	335,000	15,000	145,000	380,576	106,875	1,198,624
1905-6.....	279,393	330,000	12,000	213,000	383,225	145,525	1,363,143
1906-7.....	431,796	290,000	13,000	255,000	390,000	150,500	1,470,296
1907-8.....	413,954	355,000	12,000	200,000	465,288	15,000	1,576,242
1908-9.....	330,254	359,000	15,000	215,000	465,000	150,000	1,555,254
1909-10.....	457,562	325,000	10,000	308,000	462,000	120,000	1,853,175
1910-11.....	455,511	300,000	11,000	291,000	506,086	147,016	1,711,525
1911-12.....	540,000	300,000	8,000	350,000	500,000	225,000	1,923,000

WORLD PRODUCTION OF CERTAIN CROPS.

[From Crop Reporter, August, 1912.]

The average annual "world" production of important crops based on five year periods is given in the following table, with the amount and percentage produced in the United States and the relative rank of the United States in "world" production.

Product.	Period.	"World."	United States.	Pr. ct., Rank
			U.S.	U.S.
Corn (bushels).....	1905-1909	3,595,256,000	2,689,714,000	74.8 1
Wheat (bushels).....	1906-1910	3,381,349,000	670,484,000	19.8 1
Wheat flour (barrels).....	1906-1910	.....	.....	.....
Oats (bushels).....	1906-1910	3,869,334,000	942,995,000	24.4 1
Barley (bushels).....	1906-1910	1,338,663,000	169,234,000	12.6 2
Rye (bushels).....	1906-1910	1,594,575,000	32,242,000	2.0 5
Potatoes (bushels).....	1905-1909	5,195,008,000	307,044,000	5.9 5
Cotton (bales, 478 pounds).....	1905-1909	19,728,824	11,640,551	59.0 1
Coffee (pounds).....	1905-1909	2,540,809,000	*37,130,000	1.5 9
Flaxseed (bushels).....	1905-1909	98,675,000	25,045,000	25.4 2
Rice (pounds).....	1905-1909	114,095,789,000	531,989,000	0.5 10
Tobacco (pounds).....	1905-1909	2,423,569,000	757,483,000	31.3 1
Hops (pounds).....	1906-7, 10-11	183,527,000	47,457,000	25.9 1
Cane sugar (long tons).....	1906-7, 10-11	7,769,781	314,861	4.1 4
Cane sugar (long tons).....	1906-7, 10-11	7,769,781	*1,009,161	13.0 4
Beet sugar (long tons).....	1906-7, 10-11	6,852,689	425,989	6.2 5
All sugar (long tons).....	1905-7, 10-11	14,622,470	740,850	5.1 3
All sugar (long tons).....	1905-7, 10-11	14,622,470	*1,435,150	9.8 4

*Including Hawaii and Porto Rico.

BUTTER PRODUCTION IN 1909.

[From census report issued in 1912.]

Only states producing 50,000,000 pounds or more included in table.

State.	Pounds.	Value.
Wisconsin.....	131,049,000	\$36,628,000
Iowa.....	127,262,000	33,496,000
Minnesota.....	125,180,000	33,610,000
Pennsylvania.....	91,642,000	25,282,000
Michigan.....	85,917,000	21,849,000
Ohio.....	81,060,000	19,261,000
Illinois.....	71,181,000	17,578,000
New York.....	69,359,000	19,740,000
Texas.....	67,172,000	13,525,000
Indiana.....	54,894,000	12,704,000
California.....	52,585,000	15,730,000
Missouri.....	52,367,000	11,606,000

United States.....1,620,766,000 405,054,000

NOTE.—Of the total butter production in 1909 996,000,000 pounds, valued at \$225,544,000, were produced on farms, and 624,765,000 pounds, valued at \$179,510,000, in factories.

CROP ESTIMATES FOR 1912.

Corn.....	2,811,000,000 bushels
Winter wheat.....	390,000,000 bushels
Spring wheat.....	290,000,000 bushels
Oats.....	1,207,000,000 bushels
Barley.....	292,000,000 bushels
Rye.....	35,000,000 bushels
Buckwheat.....	16,000,000 bushels
White potatoes.....	293,000,000 bushels
Tobacco.....	980,000,000 pounds
Flax.....	23,000,000 bushels
Rice.....	28,000,000 bushels
Hay (tame).....	73,000,000 tons

SLAUGHTERING AND MEAT PACKING (1909).

[From census bureau report, 1912.]

State.	Wage earners.*	Value of products.	Value added.†
Alabama.....	47	\$320,451	\$121,953
California.....	1,641	34,280,003	5,831,946

State.	Wage earners.*	Value of products.	Value added.†
Colorado.....	659	9,656,810	1,362,031
Connecticut.....	432	4,572,225	623,292
Delaware.....	82	1,371,853	140,687
District of Columbia.....	135	1,889,575	419,867
Florida.....	32	467,084	75,232
Georgia.....	90	509,546	107,931
Idaho.....	39	531,702	81,142
Illinois.....	26,705	389,594,906	45,618,899
Indiana.....	4,423	47,289,489	5,303,495
Iowa.....	4,144	59,045,232	3,732,856
Kansas.....	10,591	165,360,516	17,714,526
Kentucky.....	354	6,568,077	822,219
Louisiana.....	182	276,456	178,249
Maine.....	107	956,955	171,906
Maryland.....	1,034	13,682,951	2,130,335
Massachusetts.....	3,325	44,402,972	5,516,833
Michigan.....	902	13,435,114	1,769,289
Minnesota.....	1,921	25,753,697	3,697,414
Missouri.....	4,674	79,581,234	7,383,030
Montana.....	105	2,053,609	272,574
Nebraska.....	6,015	92,305,484	13,947,606
New Hampshire.....	24	199,221	34,709
New Jersey.....	1,817	37,583,395	3,843,811
New York.....	6,110	127,130,051	16,961,817
Ohio.....	3,086	50,804,100	6,456,938
Oklahoma.....	63	889,237	140,415
Oregon.....	366	5,879,615	1,864,769
Pennsylvania.....	3,950	51,850,396	7,005,889
Rhode Island.....	214	3,156,308	361,952
Tennessee.....	280	2,056,719	446,600
Texas.....	3,639	42,529,746	5,119,961
Utah.....	99	1,690,446	363,652
Virginia.....	342	4,600,630	543,477
Washington.....	828	15,653,998	1,894,016
West Virginia.....	167	3,763,888	379,061
Wisconsin.....	1,890	27,216,864	3,813,429
All other states.....	114	1,657,168	354,598
Total.....	89,728	1,370,568,101	168,740,817

*Average number. †Value of products less cost of materials.

FARMS AND FARM PROPERTY IN THE UNITED STATES.

[From census bureau report, 1912.]

SUMMARY FOR 1910 AND 1900.

	1910 (Apr. 15).	1900 (June 1).	—Increase.*—	Pr. ct.
Population	91,972,266	75,994,575	15,977,691	21.0
Urban population†	42,623,383	31,609,645	11,013,738	34.8
Rural population†	49,348,883	44,384,930	4,963,953	11.2
Number of all farms.....	6,361,502	5,737,372	624,130	10.9
Land area of the country, acres.....	1,903,289,600	1,903,461,760	—172,160	.....
Land in farms, acres.....	878,798,325	838,591,774	40,206,551	4.8
Improved land in farms, acres.....	478,451,750	414,498,487	63,953,263	15.4
Average acreage per farm.....	138.1	146.2	—8.1	—5.6
Average improved acreage per farm.....	75.2	72.2	3.0	4.2
Per cent of total land area in farms.....	46.2	44.1	.....	.....
Per cent of land in farms improved.....	54.4	49.4	.....	.....
Per cent of total land area improved.....	25.1	21.8	.....	.....
Value of farm property, total.....	\$40,991,449,090	\$20,439,901,164	\$20,551,547,926	100.5
Land	28,475,674,169	13,068,097,995	15,417,666,174	113.1
Buildings	6,325,451,528	3,556,639,496	2,768,812,032	77.8
Implement and machinery.....	1,265,149,783	749,775,970	515,373,813	68.7
Domestic animals, poultry and bees.....	4,925,173,610	3,075,477,703	1,849,695,907	60.1
Average value of all property per farm.....	6,444	3,563	2,881	80.9
Avge. value of all property per acre of land in farms.....	46.64	24.37	22.27	91.4
Average value of land per acre.....	32.40	15.57	16.83	108.1

*A minus sign (—) denotes decrease. †Population of incorporated places having, in 1910, 2,500 or more inhabitants. The figure for 1900 does not represent the urban population according to that census, but is the population in that year of the territory classified as urban in 1910. ‡Total, exclusive of urban.

FARMS, FARM LAND AND FARM PROPERTY: 1870 TO 1900.

	1910.	1900.	1890.	1880.	1870.
Population	91,972,266	75,994,575	62,947,714	50,155,783	38,558,371
Number of all farms.....	6,361,502	5,737,372	4,564,641	4,008,907	2,659,985
Land area of the country, acres.....	1,903,289,600	1,903,461,760	1,903,337,600	1,903,337,600	1,903,337,600
Land in farms, acres.....	878,798,325	838,591,774	623,218,619	536,081,835	407,735,041
Improved land in farms, acres.....	478,451,750	414,498,487	357,616,755	284,771,042	188,921,099
Average acreage per farm.....	138.1	146.2	136.5	133.7	153.3
Average improved acreage per farm.....	75.2	72.2	78.3	71.0	71.0
Per cent of total land area in farms.....	46.2	44.1	32.7	28.2	21.4
Per cent of land in farms improved.....	54.4	49.4	57.4	53.1	46.3
Per cent of total land area improved.....	25.1	21.8	18.8	15.0	9.9
Value of farm property, total.....	\$40,991,449,090	\$20,439,901,164	\$16,082,267,689	\$12,180,501,538	\$8,944,857,749
Land and buildings.....	34,801,125,697	16,614,647,491	13,279,252,649	10,157,096,776	7,444,054,462
Implement and machinery.....	1,265,149,783	749,775,970	494,247,467	406,526,055	270,913,678
Domestic animals, poultry and bees.....	4,925,173,610	3,075,477,703	2,308,767,573	1,576,984,707	1,229,889,609
Average value of all property per farm.....	6,444	3,563	3,523	3,038	3,363
Average value of all property per acre of land in farms.....	46.64	24.37	25.81	22.72	21.94
Average value of land and buildings per acre.....	39.60	19.81	21.31	19.02	15.26

AGRICULTURAL INCREASE SINCE 1850.

Period.	Population.	Farms.	Acres.*	Improved.†	Value.‡
1900-1910.....	15,977,691	624,130	40,206,551	63,953,263	\$20,551,547,926
1890-1900.....	13,046,861	1,172,731	215,373,155	56,881,732	4,357,633,475
1880-1890.....	12,791,931	555,734	87,136,784	72,845,713	3,901,766,151
1870-1880.....	11,597,412	1,348,922	128,346,794	95,849,943	3,235,643,789
1860-1870.....	7,115,050	615,908	522,503	25,810,379	964,364,686
1850-1860.....	8,251,445	595,004	113,651,924	50,078,106	4,013,149,483
1880-1910—Amount.....	41,816,483	2,352,595	342,716,490	193,680,708	28,910,947,552
Per cent.....	83.4	58.7	63.9	68.0	236.5
1850-1880—Amount.....	26,963,907	2,559,834	242,521,221	171,738,428	8,213,157,958
Per cent.....	116.3	176.6	82.6	151.9	207.0
1850-1910—Amount.....	68,780,390	4,912,429	585,237,711	365,419,136	37,024,105,510
Per cent.....	296.6	339.0	199.4	323.3	933.2

*In farms. †Improved land in farms. ‡Of farm property.

AVERAGE ACRES AND VALUE PER FARM (1910).

State.	Acres.	Prop-erty.*	Land.†	Per acre.‡	State.	Acres.	Prop-erty.*	Land.†	Per acre.‡
Alabama	78.9	\$1,408	\$825	\$10.46	Louisiana	86.6	2,499	1,558	17.99
Arizona	135.1	8,142	4,590	33.97	Maine	104.9	3,320	1,441	13.73
Arkansas	81.1	1,364	1,146	14.13	Maryland	103.4	5,849	3,341	32.32
California	316.7	18,308	14,395	47.16	Massachusetts	77.9	6,135	2,859	36.69
Colorado	293.1	10,645	7,858	26.81	Michigan	91.5	5,261	2,973	32.48
Connecticut	81.5	5,944	2,693	33.03	Minnesota	177.3	9,456	6,527	36.82
Delaware	95.9	5,830	3,224	23.63	Mississippi	67.6	1,554	926	13.69
District Columbia.....	27.9	39,062	33,152	1,186.53	Missouri	124.8	7,405	5,216	41.80
Florida	105.0	2,863	1,874	17.84	Montana	516.7	13,269	8,651	16.74
Georgia	92.6	1,995	1,273	13.74	Nebraska	297.8	16,038	12,450	41.80
Idaho	171.5	9,911	7,140	41.63	Nevada	1,009.6	22,462	13,119	12.99
Illinois	129.1	15,505	95,02	85.02	New Hampshire.....	120.1	3,833	1,646	13.70
Indiana	98.8	8,396	6,164	62.36	New Jersey	76.9	7,600	3,707	48.23
Iowa	156.3	17,259	12,910	82.58	New Mexico.....	315.9	4,469	2,770	8.77
Kansas	244.0	11,467	8,648	35.45	New York.....	102.2	6,732	3,283	32.13
Kentucky	85.6	2,986	1,869	21.83	North Carolina.....	88.4	2,119	1,352	15.29

State.	Acres.	Prop-erty.*	Land.†	Per acre.‡
North Dakota.....	332.3	13,109	9,822	25.69
Ohio.....	88.6	6,994	4,727	53.34
Oklahoma.....	151.7	4,828	3,413	22.49
Oregon.....	256.8	11,609	9,048	35.23
Pennsylvania.....	84.8	5,715	2,875	33.92
Rhode Island.....	83.8	6,234	2,836	33.86
South Carolina.....	76.6	2,223	1,523	19.89
South Dakota.....	335.1	15,018	11,625	34.69
Tennessee.....	81.5	2,490	1,510	18.53
Texas.....	269.1	5,311	3,909	14.53
Utah.....	156.7	6,957	4,590	29.28
Vermont.....	142.6	4,445	1,785	12.52
Virginia.....	105.9	3,397	2,145	20.24
Washington.....	208.4	11,346	8,208	44.15
West Virginia.....	103.7	3,255	2,142	20.33
Wisconsin.....	118.9	7,978	5,148	43.30
Wyoming.....	777.6	15,217	8,092	10.41
United States.....	138.1	6,444	4,476	32.40
United States 1900.....	146.2	3,563	2,276	15.57

*Average value of all farm property. †Average value of land per farm only. ‡Average value per acre of farm land.

FARMS AND FARM PROPERTY IN ILLINOIS.

[From census bureau report.]

SUMMARY FOR STATE.

	1910.	1900.
Population.....	5,638,591	4,821,550
Number farms.....	253,872	264,151
Average acres per farm.....	129.1	124.2
Average value per acre.....	\$95.02	\$46.17
Value land.....	3,090,411,148	1,514,113,970
Value buildings.....	432,381,422	251,467,580
Value machinery.....	73,724,074	44,977,310
Value stock.....	308,804,431	193,758,037

Total value property.... 3,905,321,075 2,004,316,897

The average value of an Illinois farm, including its equipment, rose from \$7,588 in 1900 to \$15,505 in 1910. The counties showing the highest average value of farm land per acre—\$125 and over—were Cook, Iroquois, Vermilion, Edgar, LaSalle, Livingston, Ford, Champaign, Douglas, Coles, Woodford, McLean, Dewitt, Piatt, Macon, Moultrie, Tazewell, Logan and Sangamon. The next highest—\$100 to \$125 per acre—were De Kalb, Lee, Kendall, Will, Kankakee, Grundy, Bureau, Henry, Rock Island, Mercer, Warren, Knox, Stark, Peoria, McDonough, Marshall, Putnam, Morgan and Christian.

Of the farms in Illinois in 1910, 58.6 per cent were operated by owners and managers and 41.4 by tenants. Of the farms 60.8 per cent were free from mortgages and 39.2 were mortgaged.

DOMESTIC ANIMALS ON ILLINOIS FARMS.

	Number.	Value.
Cattle.....	2,440,577	\$73,454,745
Horses.....	1,452,887	163,363,400
Mules.....	147,833	18,140,335
Asses and burros.....	2,863	568,194
Swine.....	4,686,362	36,210,179
Sheep.....	1,059,846	4,843,736
Goats.....	12,485	38,564

POULTRY.

	Number.	Value.
Chickens.....	21,409,835	\$11,696,650
Turkeys.....	20,563,850	10,941,491
Ducks.....	189,411	374,544
Geese.....	201,350	109,124
Guinea fowls.....	84,057	25,547
Pigeons.....	144,268	27,445

MRS. DAVID BEACH'S LONG WALK.

Mrs. David Beach arrived at the office of The Daily News at 10:10 a. m., Tuesday, May 23, 1912, after having walked from the office of the New York Globe to Chicago in forty-two and one-half days, exclusive of Sundays, on a diet of raw fruits and vegetables exclusively. On her whole

journey she ate nothing but raw vegetables, cakes made of crushed wheat, oats, raisins, dates and prunes and nuts and drank pineapple juice. Her first drink of water was taken after she arrived in Chicago. Her longest day's walk was thirty-four miles from Wheeler, Ind., to South Chicago, Ill. The following table shows her itinerary and mileage:

Date.	Walking day.	Night stop.	Day's mileage.	Total mileage.
April 10.....	1.....	Yonkers, N. Y.....	13	13
April 11.....	2.....	Peekskill.....	31	50
April 12.....	3.....	Fishkill.....	20	70
April 13.....	4.....	Poughkeepsie.....	18	88
April 14.....	5.....	(Sunday in Poughkeepsie.).....		
April 15.....	6.....	Redhook.....	25	113
April 16.....	7.....	Stuyvesant Falls.....	29	142
April 17.....	8.....	Albany.....	28	170
April 18.....	9.....	Schenectady.....	16	186
April 19.....	10.....	Amsterdam.....	16	202
April 20.....	11.....	Fort Plain.....	26	228
April 21.....	12.....	(Sunday in Fort Plain.).....		
April 22.....	13.....	Herkimer.....	25	253
April 23.....	14.....	Utica.....	16	269
April 24.....	15.....	Oneida.....	24	293
April 25.....	16.....	Syracuse.....	28	321
April 26.....	17.....	Port Byron.....	26	347
April 27.....	18.....	Newark.....	33	380
April 28.....	19.....	Palmyra (Sunday).....	10	390
April 29.....	20.....	Rochester.....	24	414
April 30.....	21.....	LeRoy.....	28	442
May 1.....	22.....	Corfu.....	22	464
May 2.....	23.....	Buffalo.....	25	489
May 3.....	24.....	Silver Creek.....	32	521
May 4.....	25.....	Westfield.....	27	548
May 5.....	26.....	(Sunday in Westfield.).....		
May 6.....	27.....	Northeast, Pa.....	15.5	563.5
May 7.....	28.....	Erie, Pa.....	15.5	579
May 8.....	29.....	Conneaut, O.....	50	609
May 9.....	30.....	Geneva.....	24.5	633.5
May 10.....	31.....	Willoughby.....	29	662.5
May 11.....	32.....	Cleveland.....	19	681.5
May 12.....	33.....	(Sunday in Cleveland.).....		
May 13.....	34.....	Loralin.....	29.5	711
May 14.....	35.....	Sandusky.....	33	744
May 15.....	36.....	Oak Harbor.....	26	770
May 16.....	37.....	Toledo.....	28	798
May 17.....	38.....	Delta.....	33	831
May 18.....	39.....	Bryan.....	28	859
May 19.....	40.....	(Sunday in Bryan.).....		
May 20.....	41.....	Waterloo, Ind.....	32	891
May 21.....	42.....	Wawaka.....	26.5	917.5
May 22.....	43.....	Goshen.....	24.5	942
May 23.....	44.....	South Bend.....	24.5	966.5
May 24.....	45.....	Laporte.....	28.5	995
May 25.....	46.....	Wheeler.....	30	1,025
May 26.....	47.....	(Sunday in Wheeler.).....		
May 27.....	48.....	South Chicago, Ill.....	34	1,057
May 28.....	49.....	Daily News office.....	12	1,071

BOOKS AND PAMPHLETS PUBLISHED IN 1909.

[From census bureau report, 1912.]

Books and pamphlets.	Titles.	Volumes.	Copies.
Biography, correspondence.....	554	616	657,464
Description, geography, travel.....	847	952	4,540,467
Domestic and rural.....	330	336	2,023,193
Education.....	10,890	12,159	41,636,847
Fiction.....	14,606	15,772	46,942,399
Fine arts, gift books.....	541	587	2,349,371
History.....	613	954	2,923,187
Humor and satire.....	208	211	885,262
Juvenile.....	4,167	4,202	10,184,030
Law.....	535	862	1,496,194
Literature, collected works.....	2,047	3,841	5,037,972
Medical, hygiene.....	681	738	1,519,480
Philosophy.....	222	252	265,077
Physics, mathematics.....	291	307	356,413
Poetry and drama.....	1,387	1,574	1,980,824
Political, social science.....	658	659	1,862,429
Scientific proceedings.....	1,082	1,141	1,230,562
Sports, amusements.....	412	423	2,430,074
Theology, religion.....	5,096	6,539	23,608,230
Useful arts.....	512	538	1,104,599
Works of reference.....	1,560	1,927	7,799,590
Total.....	46,739	54,620	161,361,844

MANUFACTURES IN THE UNITED STATES.

[Bureau of census report, 1912.]

COMPARATIVE SUMMARY, 1860-1910.

	1910.	1900.	1890.	1880.	1870.	1860.
Establishments.....	268,491	207,562	355,415	253,852	252,148	140,433
Capital.....	\$18,428,210,000	\$8,975,825,200	\$6,525,156,486	\$2,790,272,606	\$2,118,208,769	\$1,000,855,715
Salaried persons.....	790,267	364,202	461,009			
Salaries.....	\$368,575,000	\$380,889,091	\$391,998,208			
Wage earners*.....	6,615,046	4,715,023	4,251,613	2,732,585	2,053,996	1,311,246
Wages.....	\$3,427,638,000	\$2,009,738,799	\$1,891,528,321	\$947,959,786	\$775,504,134	\$378,787,966
General expenses.....	\$18,453,080,000	\$9,065,000,235	\$8,312,225,035			
Cost of materials.....	\$12,141,791,000	\$6,577,614,074	\$5,162,044,076	\$3,396,823,549	\$2,488,427,242	\$1,081,005,052
Value of products†.....	\$20,672,052,000	\$11,411,121,122	\$9,372,437,283	\$5,369,579,191	\$4,232,325,442	\$1,885,861,076

*Average number. †Gross value at factory.

NOTE—The years are census years. The statistics are for the preceding calendar year in each case.

PER CENT INCREASE BY DECADES.

Decade.	Establishments.	Capital.	Wage earners.	Wages.	Materials.	Products.	Value added.
1849-1859.....	14.1	89.4	37.0	60.0	85.8	85.0	84.1
1859-1869.....	79.6	67.8	56.6	63.8	93.0	79.5	63.3
1869-1879.....	0.7	64.7	33.0	52.8	90.6	74.5	41.4
1879-1889.....	40.0	133.8	55.6	92.5	52.0	74.5	113.4
1889-1899.....	44.1	50.4	24.8	22.7	42.3	38.7	34.3
1899-1909.....	29.4	105.3	40.4	70.6	84.6	81.2	76.6

RANK OF LEADING INDUSTRIES IN 1909.

According to value of products.

Industry.	Rank.	Product.	\$ per cent increase.
Slaughtering, packing.....	1	\$1,370,568,000	48.6
Foundries, machine shops.....	2	1,228,475,000	39.5
Lumber and timber.....	3	1,156,129,000	30.7
Iron and steel.....	4	985,723,000	46.3
Flour and grist mills.....	5	883,584,000	23.9
Printing and publishing.....	6	737,876,000	33.6
Cotton goods.....	7	628,392,000	39.5
Clothing, men's.....	8	568,077,000	39.7
Boots and shoes.....	9	512,798,000	43.4
Wool, worsteds, felt.....	10	435,979,000	36.5
Tobacco manufactures.....	11	416,695,000	25.8
Cars, etc., by steam roads*.....	12	405,601,000	30.9
Bread, bakery goods.....	13	396,865,000	47.2
Blast furnaces.....	14	391,429,000	63.8
Clothing, women's.....	15	384,752,000	55.4
Copper, smelting, refining.....	16	378,806,000	57.3
Malt liquors.....	17	374,730,000	25.6
Leather, tanning etc.....	18	327,874,000	29.8
Sugar and molasses†.....	19	279,249,000	0.7
Butter, cheese, condensed milk.....	20	274,558,000	63.2
Paper and wood pulp.....	21	267,657,000	41.8
Automobiles.....	22	249,202,000	729.7
Furniture and refrigerators.....	23	239,887,000	34.9
Petroleum, refining.....	24	236,989,000	35.4
Electrical machinery.....	25	221,309,000	57.2
Liquors, distilled.....	26	204,699,000	55.9
Hosiery and knit goods.....	27	200,144,000	46.0
Copper, tin, sheet iron.....	28	199,524,000	47.7
Silk, silk goods.....	29	196,812,000	47.7
Lead, smelting, refining.....	30	167,406,000	9.9
Gas, illuminating, heating.....	31	166,814,000	33.3
Carriages, wagons.....	32	159,893,000	2.6
Canning, preserving.....	33	157,101,000	20.4
Brass, bronze products.....	34	149,989,000	46.5
Oil, cotton seed, cake.....	35	147,868,000	53.4
Agricultural implements.....	36	146,329,000	30.6
Medicines, drugs, etc.....	37	141,942,000	20.9
Confectionery.....	38	134,796,000	54.8
Paint and varnish.....	39	124,889,000	37.5
Cars for steam roads†.....	40	123,730,000	11.3
Chemicals.....	41	117,689,000	55.5
Marble and stone work.....	42	113,993,000	33.3
Leather goods.....	43	104,719,000	27.5

*Includes general shop construction and repairs by steam railroad companies. †Not including beet sugar. ‡Not including operations of railroad companies. §From 1904 to 1909.

NOTE—The increase in all industries combined from 1904 to 1909 was 39.7 per cent; that of all the minor industries not included in the foregoing table was 41.8 per cent in the same period. This is presumed to indicate a tendency toward diversification in manufacturing.

MANUFACTURES BY SPECIFIED INDUSTRIES

(1909).

Industry.	Persons.*	Value products.
Agricultural implements.....	60,229	\$146,329,000
Artificial flowers, plumes.....	11,583	23,981,000
Artificial stone.....	15,202	18,596,000
Artists' materials.....	865	2,340,000
Automobiles.....	85,359	249,202,000
Awning, tents, sails.....	5,747	14,499,000
Axle grease.....	334	1,481,000
Babbitt metal, solder.....	1,491	19,768,000
Bags, not paper.....	8,838	54,882,000
Baking powders, yeast.....	3,685	15,698,000
Baskets, willow ware.....	5,431	20,775,000
Beet sugar.....	5,419	5,695,000
Belt, hose, leather.....	8,389	48,122,000
Belt, hose, rubber.....	4,370	23,692,000
Bicycles, motorcycles.....	7,304	24,709,000
Billiard tables.....	5,017	10,699,000
Black, polishing.....	1,776	5,878,000
Bluing.....	4,407	14,679,000
Bone, carbon, lampblack.....	545	1,074,000
Boots and shoes.....	302	1,093,000
Boots, shoes, rubber.....	215,923	512,798,000
Boxes, cigar.....	18,399	49,721,000
Boxes, paper.....	8,652	8,491,000
Brass and bronze.....	43,568	54,450,000
Bread, bakery products.....	45,411	149,389,000
Brick and tile.....	14,322	396,865,000
Brooms, brushes.....	85,764	92,776,000
Butter, cheese, condensed milk.....	15,143	29,126,000
Butter, reworking.....	31,506	274,558,000
Buttons.....	418	8,200,000
Candles.....	18,004	22,708,000
Canning, preserving.....	649	3,130,000
Card cutting, designing.....	71,972	157,101,000
Carpets, not rag.....	702	1,031,000
Carpets, rag.....	34,706	71,188,000
Carriages, sleds, children's.....	2,688	2,568,000
Carriages, wagons.....	5,769	8,805,000
Cars, repair, by R. R. Cos.....	82,944	159,893,000
Cars, etc., by street railways.....	301,323	405,601,000
Cars, etc., by street railways.....	28,692	31,838,000
Cars for steam railways.....	47,094	123,730,000
Cars for street railways.....	4,005	7,810,000
Cash registers, calculators.....	9,249	23,708,000
Cement.....	29,511	63,205,000
Charcoal.....	731	872,000
Chemicals.....	27,791	117,689,000
China decorating.....	436	786,000
Chocolate, cocoa.....	3,404	22,390,000
Clocks, watches.....	25,439	35,197,000
Cloth, sponging, finishing.....	1,167	1,644,000
Clothing, horse.....	1,830	4,135,000
Clothing, men's.....	271,437	568,077,000
Clothing, men's button holes.....	1,031	781,000
Clothing, women's.....	179,021	354,732,000
Coffee, spice.....	13,516	110,533,000
Coffins, etc.....	11,448	24,526,000
Coke.....	31,226	95,697,000
Confectionery.....	54,854	134,796,000
Cooperage, etc.....	29,717	60,248,000
Copper, tin, sheet iron.....	86,934	199,524,000
Cordage, twine, etc.....	27,214	61,020,000
Cordials, syrups.....	1,638	9,662,000
Cork, cutting.....	3,376	5,940,000

Industry.	Persons.*	Value products.
Corsets.....	19,611	33,257,000
Cotton goods.....	387,771	628,392,700
Crucibles.....	398	1,849,000
Cutlery, tools.....	37,161	53,266,000
Dairymen's supplies, etc.....	6,431	15,463,000
Dentists' materials.....	1,982	10,836,000
Drug grinding.....	1,152	6,007,000
Dyeing textiles.....	47,303	83,556,000
Dyestuffs, extracts.....	3,015	15,955,000
Electrical machinery.....	106,000	221,309,000
Electroplating.....	3,558	4,510,000
Emery, abrasive wheels.....	2,446	7,711,000
Enameling, jannanning.....	2,418	3,316,000
Engravers' materials.....	189	921,000
Engraving, die sinking.....	1,782	2,250,000
Engraving, wood.....	480	711,000
Explosives.....	7,058	40,140,000
Fancy articles.....	14,194	23,632,000
Fertilizers.....	21,950	103,960,000
Files.....	4,521	5,691,000
Firearms, ammunition.....	16,042	34,112,000
Fire extinguishers, chemical.....	300	754,000
Fireworks.....	1,567	2,269,000
Flags, regalia, etc.....	4,522	8,114,000
Flavoring extracts.....	2,634	8,823,000
Flax, hemstressed.....	2,416	16,101,000
Flour, gristmill products.....	66,054	883,584,000
Food preparations.....	20,965	125,331,000
Foundry, shop products.....	615,485	1,228,475,000
Foundry supplies.....	710	2,298,000
Fuel, manufactured.....	112	311,000
Fur goods.....	16,152	55,938,000
Furnishing goods, men's.....	43,935	87,710,000
Furniture, refrigerators.....	144,140	239,886,000
Furs, dressed.....	1,472	2,391,000
Galvanizing.....	1,689	7,338,000
Gas, electric fixtures.....	22,906	45,057,000
Gas, illuminating, heating.....	51,007	106,814,000
Glass.....	72,573	92,095,000
Glass, ornamenting.....	11,000	16,101,000
Gloves, leather.....	9,850	23,631,000
Glucose and starch.....	5,927	48,799,000
Glue.....	3,840	13,718,000
Gold, silver foil.....	1,553	2,630,000
Gold, silver, refining.....	690	23,612,000
Graphite, refining.....	262	1,140,000
Grease and tallow.....	5,504	23,419,000
Grindstones.....	1,485	1,688,000
Haircloth.....	621	2,230,000
Hair work.....	4,383	11,216,000
Hammocks.....	325	578,000
Hand stamps, stencils.....	2,539	3,673,000
Hat and cap materials.....	2,618	8,236,000
Hats, caps, unspecified.....	7,609	13,689,000
Hats, fur, felt.....	27,081	47,865,000
Hats, straw.....	9,704	21,424,000
Hones, whetstones.....	173	268,000
Horseshoes.....	360	1,015,000
Hosiery, knit goods.....	136,130	200,143,000
Housefurnishing goods.....	5,916	18,509,000
Ice, manufactured.....	21,107	49,953,000
Ink, printing.....	1,854	8,865,000
Ink, writing.....	824	2,505,000
Instruments, scientific.....	6,175	10,504,000
Iron, steel, blast furnaces.....	43,061	391,429,000
Iron, steel, rolling mills.....	260,762	985,723,000
Iron, steel, bolts, nuts, etc.....	12,395	24,485,000
Iron, steel, doors, shutters.....	1,816	3,006,000
Iron, steel forgings.....	9,193	20,293,000
Iron, steel, nails, spikes.....	3,239	8,192,000
Iron, steel pipe, wrought.....	7,309	30,886,000
Jewelry.....	36,992	80,350,000
Jewelry cases.....	2,441	3,116,000
Kaolin, ground earths.....	2,351	4,681,000
Labels, tags.....	2,880	4,670,000
Lapidary work.....	886	9,173,000
Lard, refined, not packers'.....	515	10,326,000
Lasts.....	2,029	4,159,000
Lead, bar, etc.....	1,044	9,146,000
Leather goods.....	43,525	104,719,000
Leather, tanned, etc.....	87,100	327,874,000
Lime.....	15,659	17,952,000
Liquors, distilled.....	3,823	204,699,000
Liquors, malt.....	66,225	374,730,000
Liquors, vinous.....	2,726	13,121,000
Locomotives, not made by rail-road companies.....	16,945	31,582,000

Industry.	Persons.*	Value products.
Looking glass frames.....	7,470	13,475,000
Lumber products.....	784,989	1,156,129,000
Malt.....	2,237	38,252,000
Marble and stone work.....	77,275	113,093,000
Matches.....	4,220	11,353,000
Mats and matting.....	1,040	2,432,000
Mattresses.....	14,109	35,783,000
Millinery goods.....	46,301	85,894,000
Mineral, soda waters.....	22,060	43,509,000
Mirrors.....	3,509	9,571,000
Models, patterns, not paper.....	5,450	8,568,000
Moving pictures.....	713	4,416,000
Mucilage, paste.....	901	4,313,000
Musical instruments.....	2,289	3,228,000
Musical inst., pianos, organs.....	41,832	89,790,000
Needles, pins, hooks, eyes.....	4,978	6,694,000
Oakum.....	129	338,000
Oil, castor.....	70	905,000
Oil, essential.....	408	1,737,000
Oil, linseed.....	1,753	36,739,000
Oil, not specified.....	3,144	30,865,000
Oilecloth, linoleum.....	5,557	23,339,000
Oleomargarine.....	773	8,148,000
Optical goods.....	7,809	11,735,000
Rain and rainproof.....	21,896	124,889,000
Rail, wood pulp.....	81,473	267,657,000
Paper goods.....	22,349	55,173,000
Paper patterns.....	1,755	2,611,000
Patent medicines, etc.....	41,101	141,942,000
Paving materials.....	1,731	6,229,000
Peanuts, roasting, etc.....	2,177	9,737,000
Pencils, lead.....	4,513	7,379,000
Pens, fountain, gold.....	1,820	4,739,000
Pens, steel.....	755	577,000
Petroleum, refining.....	16,640	236,998,000
Photographs, graphophones.....	5,928	11,726,000
Photographic goods.....	6,596	22,561,000
Photo engraving.....	7,277	11,624,000
Pipes, tobacco.....	3,690	5,312,000
Printing, terra cotta.....	61,022	76,119,000
Printing, publishing.....	383,835	737,876,000
Pulp goods.....	832	1,770,000
Pumps, not steam.....	2,623	5,583,000
Rice, cleaning.....	1,777	22,371,000
Roofing materials.....	3,530	19,204,000
Rubber goods.....	31,284	128,436,000
Rules, ivory, wood.....	127	144,000
Safes, vaults.....	4,060	8,491,000
Salt.....	5,580	11,328,000
Sand, emery paper.....	779	4,358,000
Saws.....	5,757	11,536,000
Scales, balances.....	4,275	8,786,000
Screws, machine.....	1,863	3,014,000
Screws, wood.....	3,758	6,199,000
Sewing machines.....	20,556	28,262,000
Shipbuilding.....	44,949	73,360,000
Shoddy.....	2,320	7,446,000
Show cases.....	3,943	7,167,000
Signs, advertising.....	7,277	13,546,000
Silks, silk goods.....	105,238	196,912,000
Silver and plated ware.....	18,774	42,229,000
Slaughtering, packing.....	108,716	1,370,565,000
Smelting, refining, copper.....	16,832	378,806,000
Smelting, refining, lead.....	8,059	167,406,000
Smelting, refining, zinc.....	7,156	34,206,000
Smelting, refining, not from ore.....	2,596	28,072,000
Soap.....	18,393	111,358,000
Soda water apparatus.....	2,399	6,556,000
Sporting goods.....	5,993	11,052,000
Springs, steel, car.....	3,753	9,005,000
Stationery goods.....	8,338	16,847,000
Statuary, art goods.....	2,172	3,442,000
Steam packing.....	4,968	12,160,000
Stereotyping, electrotyping.....	3,661	6,384,000
Stoves, furnaces.....	42,921	78,855,000
Sugar, molasses (no beet).....	15,658	279,249,000
Sulphuric, nitric, acids.....	2,582	9,884,000
Surgical appliances.....	5,805	12,399,000
Tin plate, terneplate.....	5,846	47,970,000
Tinfol.....	762	3,419,000
Tobacco manufactures.....	197,637	416,695,000
Toys and games.....	6,072	8,264,000
Tyrosine, rosin.....	44,501	25,285,000
Typefoundry, printing materials.....	2,597	4,704,000
Typewriters, supplies.....	12,101	19,719,000
Umbrellas, canes.....	6,505	15,864,000
Unbolstering materials.....	4,777	13,054,000

Industry.	Persons.*	Value products.	Industry.	Persons.*	Value products.
Vault lights, ventilators.....	453	957,000	Wirework, rope, cable.....	14,994	41,938,000
Vinegar and cider.....	3,073	8,448,000	Wood distillation.....	3,095	9,737,000
Wall paper.....	4,746	14,449,000	Wood carpet.....	221	490,000
Wall plaster.....	5,624	12,804,000	Wood preserving.....	2,875	14,099,000
Washing machines.....	2,294	5,825,000	Wood, turned, carved.....	16,243	22,199,000
Waste.....	2,129	11,398,000	Wool pulling.....	759	5,181,000
Wheelbarrows.....	775	1,625,000	Wool scouring.....	1,262	3,289,000
Whips.....	1,946	3,949,000	Woolen goods.....	175,176	435,979,000
Windmills.....	2,742	6,677,000	All other industries.....	132	390,000
Window shades.....	4,770	18,571,000	*Includes proprietors, salaried officials, clerks and wage earners.		
Wire.....	19,945	84,486,000			

PERSONS ENGAGED IN MANUFACTURING (1909).

Summary prepared by census bureau, 1912, showing distribution by class, sex and age.

Class.	Total.	Male.	Female.
Proprietors and firm members.....	273,265	263,265	9,999
Salaried officers of corporations.....	80,735	78,937	1,798
Superintendents and managers.....	133,173	130,304	2,869
Total proprietors and officials.....	487,173	472,914	14,259
Clerks.....	576,359	437,056	139,303
Wage earners (average number).....	6,615,046	5,252,293	1,362,753
Total all classes.....	7,678,578	6,162,263	1,516,315
Sixteen years of age and over.....	6,452,800	5,162,547	1,290,253
Under 16 years of age.....	162,246	89,746	72,500

OCCUPATIONAL STATUS BY LEADING INDUSTRIES (1909).

Industry.	Total.	Owners.*	Clerks.	Wage earners.
Agricultural implements.....	60,229	2,489	7,189	50,551
Automobiles.....	85,359	2,564	7,074	75,721
Boots and shoes.....	215,923	5,752	11,874	198,297
Brass and bronze products.....	45,441	2,160	2,663	40,618
Bread, bakery products.....	144,322	29,136	14,970	100,216
Butter, cheese, condensed milk.....	31,506	10,480	2,595	18,431
Canning and preserving.....	71,972	6,920	5,084	59,968
Carriages and wagons.....	82,944	8,844	4,172	69,928
Cars, shop construction, etc.....	301,273	6,974	12,125	282,174
Cars, steam railroad.....	47,094	1,041	2,967	43,086
Chemicals.....	27,791	1,086	2,991	23,714
Clothing, men's.....	271,437	12,041	19,700	239,696
Clothing, women's.....	179,021	9,281	15,997	153,743
Confectionery.....	54,854	3,362	6,854	44,638
Copper, tin, sheet iron.....	86,894	7,269	6,060	73,615
Cotton goods.....	387,771	4,461	4,430	378,880
Electrical machinery.....	105,600	4,121	14,223	87,256
Flour and grist mill products.....	66,054	18,763	7,838	39,453
Foundry, machine shop products.....	615,485	31,605	52,869	531,011
Furniture, refrigerators.....	144,140	7,281	8,407	128,452
Gas, illuminating, heating.....	51,007	2,986	10,806	37,215
Hosiery, knit goods.....	136,130	3,308	3,547	129,275
Iron and steel, blast furnaces.....	43,061	1,119	3,513	38,429
Steel works and rolling mills.....	260,762	4,286	16,400	240,076
Leather goods.....	43,525	4,209	4,409	34,907
Leather, tanned, curried, etc.....	67,100	2,331	2,567	62,202
Liquors, distilled.....	8,328	1,111	787	6,430
Liquors, malt.....	66,725	4,362	7,784	54,579
Lumber, timber.....	784,989	68,165	21,805	695,019
Marble and stone.....	77,275	8,463	3,219	65,603
Oil, cotton seed, cake.....	21,273	2,187	2,025	17,071
Paint and varnish.....	21,896	2,016	5,640	14,240
Paper and wood pulp.....	81,473	2,298	3,197	75,978
Patent medicines, etc.....	41,101	5,647	12,559	22,895
Petroleum, refining.....	16,640	671	2,040	13,929
Printing, publishing.....	388,466	49,332	80,700	258,434
Silk and silk goods.....	105,238	2,236	3,965	99,037
Slaughtering, packing.....	108,716	3,514	15,474	89,728
Smelting, refining, copper.....	16,832	275	929	15,628
Smelting, refining, lead.....	8,059	132	503	7,424
Sugar, molasses.....	15,658	789	1,343	13,526
Tobacco manufactures.....	197,637	21,012	9,815	166,810
Woolen, worsted, felt goods.....	175,176	3,192	3,262	168,722
All other industries.....	1,916,361	117,952	149,988	1,648,441
Total.....	7,678,578	487,173	576,359	6,615,046

*Includes salaried officers of corporations, superintendents and managers.

MANUFACTURES BY STATES (1909).

State.	Capital invested.	Gross value of product.	State.	Capital invested.	Gross value of product.
Alabama.....	\$173,180,000	\$145,962,000	Delaware.....	60,906,000	52,840,000
Arizona.....	32,873,000	50,257,000	District of Columbia.....	30,553,000	25,289,000
Arkansas.....	70,174,000	74,916,000	Florida.....	65,291,000	72,890,000
California.....	537,134,000	529,761,000	Georgia.....	202,778,000	202,868,000
Colorado.....	162,668,000	130,044,000	Idaho.....	32,477,000	22,400,000
Connecticut.....	517,546,000	490,272,000	Illinois.....	1,548,171,000	1,919,277,000

State.	Capital Invested.	Gross value of product.	City.	Value of Rank in product. product.	Wage product. earners.
Indiana	508,717,000	579,076,000	Philadelphia, Pa.....	746,076,000	3 261,884
Iowa	171,219,000	255,238,000	St. Louis, Mo.....	328,405,000	4 87,373
Kansas	156,090,000	325,104,000	Cleveland, O.....	271,961,000	5 84,728
Kentucky	172,779,000	223,754,000	Detroit, Mich.....	252,992,000	6 81,011
Louisiana	221,816,000	232,949,000	Pittsburgh, Pa.....	243,454,000	7 67,474
Maine	202,260,000	176,029,000	Boston, Mass.....	237,457,000	8 69,637
Maryland	251,227,000	315,669,000	Buffalo, N. Y.....	218,804,000	9 51,412
Massachusetts	1,279,687,000	1,490,529,000	Milwaukee, Wis.....	208,324,000	10 59,502
Michigan	685,947,000	685,109,000	Newark, N. J.....	202,511,000	11 59,955
Minnesota	275,416,000	409,420,000	Cincinnati, O.....	194,516,000	12 60,192
Mississippi	72,393,000	80,555,000	Baltimore, Md.....	186,978,000	13 71,444
Missouri	444,343,000	574,111,000	Minneapolis, Minn.....	165,405,000	14 26,962
Montana	44,538,000	73,272,000	Kansas City, Kas.....	164,081,000	15 12,294
Nebraska	99,901,000	199,019,000	San Francisco, Cal.....	133,941,000	16 28,244
Nevada	9,806,000	11,887,000	Jersey City, N. J.....	128,775,000	17 25,454
New Hampshire	139,990,000	164,581,000	Indianapolis, Ind.....	126,522,000	18 31,815
New Jersey	977,172,000	1,145,529,000	Providence, R. I.....	120,241,000	19 46,381
New Mexico	7,743,000	7,898,000	Rochester, N. Y.....	112,676,000	20 39,108
New York	2,779,497,000	3,369,490,000	Louisville, Ky.....	101,284,000	21 27,023
North Carolina	217,185,000	216,656,000	South Omaha, Neb.....	92,436,000	22 6,306
North Dakota	11,585,000	19,137,000	Youngstown, O.....	81,271,000	23 10,498
Ohio	1,300,733,000	1,437,936,000	Lawrence, Mass.....	79,993,000	24 30,642
Oklahoma	38,873,000	53,682,000	New Orleans, La.....	78,794,000	25 17,186
Oregon	89,082,000	93,005,000	Worcester, Mass.....	77,148,000	26 28,221
Pennsylvania	2,749,006,000	2,626,742,000	Bayonne, N. J.....	73,641,000	27 7,519
Rhode Island	290,901,000	280,344,000	Akron, O.....	73,158,000	28 15,831
South Carolina	173,221,000	113,236,000	Perth Amboy, N. J.....	73,093,000	29 5,866
South Dakota	13,018,000	17,870,000	Lynn, Mass.....	71,503,000	30 2,363
Tennessee	167,934,000	182,217,000	Paterson, N. J.....	68,586,000	31 32,004
Texas	218,676,000	273,896,000	Los Angeles, Cal.....	68,586,000	32 17,867
Utah	52,627,000	61,989,000	Bridgeport, Conn.....	65,609,000	33 25,775
Vermont	73,470,000	68,310,000	Fall River, Mass.....	64,146,000	34 37,139
Virginia	216,392,000	219,794,000	Peoria, Ill.....	63,061,000	35 5,981
Washington	222,261,000	220,746,000	Toledo, O.....	61,230,000	36 18,878
West Virginia	150,922,000	161,949,000	Omaha, Neb.....	60,854,000	37 8,023
Wisconsin	605,657,000	590,305,000	Dayton, O.....	60,378,000	38 21,549
Wyoming	6,195,000	6,249,000	Lowell, Mass.....	60,271,000	39 32,575
Total	18,428,270,000	20,672,052,000	Yonkers, N. Y.....	59,334,000	40 12,711
Total 1899	8,975,256,000	11,406,927,000	St. Paul, Minn.....	58,990,000	41 19,339
Per cent increase.....	105.3	81.2	Kansas City, Mo.....	54,704,000	42 14,643

MANUFACTURES IN FIFTY LEADING CITIES (1909).

City.	Value of Rank in product. product.	Wage product. earners.
New York, N. Y.....	\$2,029,693,000	1 554,002
Chicago, Ill.....	1,281,171,000	2 293,977

MANUFACTURES IN MINOR CITIES (1909).

State and city.	Value of product.	State and city.	Value of product.	State and city.	Value of product.
Alabama—Anniston	\$4,393,000	Columbus	8,552,000	Indiana—Anderson	13,765,000
Bessemer	6,106,000	Macon	10,703,000	East Chicago	5,483,000
Birmingham	24,128,000	Savannah	6,734,000	Elkhart	6,932,000
Mobile	5,429,000	Idaho—Boise	1,661,000	Elwood	8,408,000
Montgomery	5,443,000	Illinois—Alton	10,096,000	Evansville	22,429,000
Arizona—Phoenix	1,467,000	Aurora	10,954,000	Fort Wayne	23,687,000
Tucson	2,037,000	Belleville	4,615,000	Hammond	15,580,000
Arkansas—Argenta	4,842,000	Bloomington	4,868,000	Kokomo	5,451,000
Fort Smith	3,739,000	Cairo	4,440,000	Lafayette	5,542,000
Little Rock	4,690,000	Canton	2,942,000	Laporte	3,972,000
California—Berkeley	4,435,000	Champaign	846,000	Logansport	4,201,000
Fresno	11,090,000	Chicago Heights	10,839,000	Marion	4,442,000
Oakland	22,345,000	Cleora	1,461,000	Michigan City	8,290,000
Sacramento	13,977,000	Danville	3,351,000	Mishawaka	10,883,000
San Diego	4,741,000	Decatur	9,768,000	Muncie	9,684,000
San Jose	5,611,000	East St. Louis	18,228,000	New Albany	3,493,000
Stockton	11,849,000	Elgin	11,120,000	Richmond	10,374,000
Colorado—Pueblo	3,345,000	Evansville	3,775,000	South Bend	27,854,000
Connecticut—Ansonia	20,088,000	Freeport	811,000	Terre Haute	21,785,000
Danbury	10,318,000	Galesburg	2,919,000	Vincennes	4,234,000
Hartford	40,680,000	Jacksonville	2,299,000	Iowa—Burlington	8,443,000
Meriden	16,317,000	Joliet	38,817,000	Cedar Rapids	24,824,000
New Britain	22,021,000	Kankakee	2,723,000	Clinton	7,480,000
New London	4,483,000	LaSalle	5,308,000	Council Bluffs	3,769,000
Norwich	9,389,000	Lincoln	570,000	Davenport	18,802,000
Stamford	8,739,000	Mattoon	1,434,000	Des Moines	23,585,000
Willimantic	6,735,000	Moline	20,892,000	Dubuque	15,376,000
Delaware—Wilmington	38,000,000	Oak Park	1,118,000	Keokuk	7,399,000
District of Columbia	25,289,000	Peoria	63,061,000	Marshalltown	4,822,000
Florida—Jacksonville	6,722,000	Rock Island	11,436,000	Muscatine	6,166,000
Key West	3,965,000	Rockford	22,566,000	Ottumwa	14,838,000
Tampa	17,652,000	Springfield	8,497,000	Stoux City	37,428,000
Georgia—Atlanta	33,038,000	Streator	2,137,000	Waterloo	8,999,000
Augusta	10,456,000	Waukegan	19,984,000	Kansas—Atchison	4,405,000
				Coffeyville	4,752,000

	Value of product.	State and city.	Value of product.	State and city.	Value of product.
State and city.		State and city.		State and city.	
Hutchinson	3,614,000	Mississippi—Jackson	3,113,000	Canton	28,588,000
Leavenworth	4,375,000	Meridian	4,225,000	Chattanooga	4,565,000
Topeka	17,821,000	Vicksburg	2,229,000	Columbus	49,032,000
Wichita	22,564,000	Missouri—Hannibal	6,195,000	East Liverpool	6,829,000
Kentucky—Covington	8,712,000	Jefferson City	5,446,000	Elyria	8,065,000
Frankfort	3,083,000	Joplin	4,136,000	Hamilton	18,184,000
Henderson	2,932,000	St. Joseph	17,626,000	Ironton	7,118,000
Lexington	2,851,000	Sedalia	2,333,000	Lancaster	4,074,000
Newport	6,491,000	Springfield	5,382,000	Lima	7,754,000
Owensboro	3,506,000	Montana—Billings	1,243,000	Lorain	38,987,000
Paducah	4,967,000	Butte	2,464,000	Mansfield	8,183,000
Louisiana—Alexandria	1,279,000	Helena	1,303,000	Marion	5,667,000
Lake Charles	2,251,000	Missoula	1,171,000	Massillon	4,788,000
Monroe	1,255,000	Nebraska—Grand Island	1,837,000	Middletown	16,517,000
Shreveport	3,643,000	Lincoln	7,012,000	Newark	7,351,000
Minnesota—Auburn	8,843,000	Nevada—Reno	1,862,000	Norwood	9,684,000
Augusta	4,662,000	New Hampshire—Berlin	5,985,000	Piqua	6,931,000
Bangor	3,346,000	Concord	6,477,000	Portsmouth	7,277,000
Biddeford	9,012,000	Dover	6,370,000	Sandusky	5,947,000
Lewiston	10,475,000	Keene	3,483,000	Springfield	19,246,000
Portland	11,950,000	Laconia	3,818,000	Steubenville	21,187,000
Waterville	3,179,000	Manchester	46,812,000	Warren	5,988,000
Maryland—Cumberland	4,595,000	Nashua	17,326,000	Youngstown	81,271,000
Frederick	2,911,000	New Jersey—Bloomfield	5,895,000	Zanesville	9,145,000
Hagerstown	3,197,000	Bridgetown	4,070,000	Oklahoma—Enid	2,453,000
Massachusetts—Adams	6,410,000	East Orange	3,725,000	Guthrie	1,443,000
Attleborough	15,160,000	Elizabeth	29,147,000	Muskogee	2,279,000
Beverly	8,653,000	Harrison	18,142,000	Oklahoma City	7,871,000
Brookton	4,642,000	Hoboken	20,413,000	Shawnee	2,081,000
Cambridge	44,227,000	Millville	4,182,000	Oregon—Portland	46,861,000
Chelsea	17,003,000	New Brunswick	10,005,000	Salem	2,208,000
Chicopee	19,219,000	Orange	9,176,000	Pennsylvania—	
Clinton	7,845,000	Passaic	9,176,000	Allentown	26,263,000
Everett	8,747,000	Phillipsburg	9,150,000	Altoona	16,763,000
Fitchburg	23,252,000	Plainfield	3,649,000	Beaver Falls	6,400,000
Frankingham	6,917,000	Trenton	49,009,000	Braddock	5,094,000
Gardner	6,485,000	Union	7,941,000	Butler	11,058,000
Gloucester	7,753,000	West Hoboken	5,577,000	Chester	19,373,000
Haverhill	35,377,000	West New York	9,274,000	Columbia	4,807,000
Holyoke	40,097,000	New Mexico—Albuquerque		Easton	6,915,000
Leominster	10,531,000	que	1,298,000	Erion	24,226,000
Malden	8,232,000	New York—Albany	22,826,000	Harrisburg	22,725,000
Milford	10,352,000	Amsterdam	23,449,000	Hazlet	4,707,000
Milford	4,442,000	Auburn	15,961,000	Johnstown	43,106,000
Newburyport	6,931,000	Batavia	4,401,000	Lancaster	15,979,000
Newton	6,279,000	Binghamton	17,114,000	Lebanon	11,429,000
North Adams	10,315,000	Cohoes	14,831,000	McKeesport	42,495,000
Northampton	6,999,000	Cortland	6,395,000	McKees Rocks	9,787,000
Peabody	15,549,000	Dunkirk	6,576,000	New Castle	38,038,000
Pittsfield	15,215,000	Elmira	8,067,000	Norristown	7,413,000
Plymouth	11,618,000	Fulton	7,867,000	Oil City	4,122,000
Quincy	10,505,000	Geneva	5,154,000	Phoenixville	5,876,000
Salem	14,576,000	Glens Falls	4,877,000	Pottstown	12,505,000
Somerville	35,687,000	Gloversville	14,171,000	Pottsville	9,138,000
Springfield	31,773,000	Hornell	3,648,000	Reading	51,135,000
Taunton	15,380,000	Hudson	3,506,000	Scranton	26,385,000
Wakefield	5,527,000	Jamestown	14,729,000	Sharon	9,881,000
Waltham	7,814,000	Johnstown	6,574,000	South Bethlehem	26,417,000
Watertown	11,546,000	Kingston	5,986,000	Sunbury	4,450,000
Webster	11,296,000	Little Falls	8,460,000	Warren	5,744,000
Westfield	7,362,000	Lockport	8,168,000	Washington	4,837,000
Weymouth	6,627,000	Middletown	4,658,000	Wilkesbarre	13,526,000
Woburn	5,408,000	Newburgh	9,928,000	Williamsport	13,348,000
Michigan—Adrian	6,085,000	Niagara Falls	28,652,000	York	18,622,000
Alpena	3,964,000	North Tonawanda	9,600,000	Rhode Island—	
Battle Creek	20,174,000	Ogdensburg	4,948,000	Central Falls	5,471,000
Bay City	10,294,000	Olean	10,005,000	Cranston	5,625,000
Flint	24,118,000	Oswego	10,413,000	Cumberland	9,827,000
Grand Rapids	42,231,000	Peekskill	7,888,000	East Providence	7,146,000
Holland	4,622,000	Port Chester	7,043,000	Fairbank	2,300,000
Jackson	14,006,000	Poughkeepsie	9,151,000	Warwick	10,589,000
Kalamazoo	17,904,000	Rome	14,423,000	Woonsocket	28,218,000
Lansing	16,587,000	Schenectady	38,165,000	S. Carolina—Charleston	6,951,000
Manistee	3,344,000	Troy	37,980,000	Columbia	5,872,000
Marquette	1,254,000	Utica	31,199,000	Spartanburg	3,276,000
Menominee	3,728,000	Watertown	8,527,000	South Dakota—Aberdeen	1,575,000
Muskegon	9,648,000	N. Carolina—Asheville	3,250,000	Sioux Falls	2,889,000
Pontiac	5,894,000	Charlotte	10,460,000	Tennessee—Chattanooga	16,036,000
Port Huron	3,588,000	Durham	23,271,000	Jackson	2,710,000
Saginaw	18,833,000	Wilmington	3,005,000	Knoxville	8,149,000
Sault Ste. Marie	4,519,000	Winston	16,778,000	Memphis	30,043,000
Traverse City	2,280,000	North Dakota— Fargo	2,477,000	Nashville	29,650,000
Minnesota—Duluth	17,180,000	Grand Forks	1,303,000	Texas—Austin	2,300,000
Mankato	3,723,000	Ohio—Alliance	6,135,000	Faumont	2,831,000
St. Cloud	2,299,000	Ashtabula	3,459,000	Dallas	26,959,000
Stillwater	2,686,000	Bellair	10,091,000	El Paso	3,637,000
Winona	11,190,000	Cambridge	4,291,000	Port Worth	8,661,000

State and city.	Value of product.	State and city.	Value of product.	State and city.	Value of product.
Galveston	6,308,000	Roanoke	7,261,000	Fond du Lac	3,227,000
Houston	23,015,000	Washington—Aberdeen ..	3,590,000	Green Bay	6,235,000
San Antonio	13,435,000	Bellingham	4,600,000	Janesville	5,156,000
Sherman	4,676,000	Everett	7,423,000	Kenosha	23,182,000
Utah—Ogden	3,713,000	North Yakima	2,175,000	LaCrosse	14,103,000
San Lake City	13,351,000	Spokane	18,880,000	Madison	5,467,000
Vermont—Barre	3,852,000	W. Virginia—Charleston ..	3,235,000	Manitowoc	5,939,000
Burlington	6,800,000	Huntington	6,511,000	Marinette	3,309,000
Rutland	2,680,000	Martinsburg	2,516,000	Oshkosh	14,739,000
Virginia—Alexandria ..	4,420,000	Parkersburg	5,499,000	Racine	24,673,000
Danville	5,389,000	Wheeling	27,077,000	Sheboygan	11,299,000
Lynchburg	10,188,000	Wisconsin—Appleton ..	6,673,000	Superior	6,574,000
Norfolk	10,341,000	Ashland	2,748,000	Wausau	6,287,000
Petersburg	8,896,000	Beloit	5,886,000	Wyoming—Cheyenne ..	1,577,000
Richmond	47,358,000	Eau Claire	5,855,000		

MANUFACTURES IN ALASKA, HAWAII AND PORTO RICO (1909).

	Alaska.	Hawaii.	Porto Rico.		Alaska.	Hawaii.	Porto Rico.
Establishments	152	500	939	Expenses	\$9,454,000	\$31,753,000	\$31,139,000
Persons engaged in manufactures ..	3,479	7,572	18,122	Services	2,328,000	2,795,000	4,898,000
Proprietors	135	1,074	1,478	Salaries	380,000	686,000	1,259,000
Salaried employes	245	594	1,062	Wages	1,948,000	2,109,000	3,639,000
Wage earners	3,099	5,904	15,582	Materials	5,120,000	25,629,000	21,479,000
Primary horsepower	3,975	41,930	34,005	Miscellaneous	2,006,000	3,329,000	4,762,000
Capital	\$13,060,000	\$23,875,000	\$25,544,000	Value of products ..	11,340,000	47,404,000	36,750,000
				Value added by mfr.	6,220,000	21,775,000	15,271,000

STATISTICS OF AMERICAN EXPRESS COMPANIES.

[From interstate commerce commission report for year ended June 30, 1911.]

Company.	1911.	1910.	Company.	1911.	1910.
Adams	36,560.52	36,495.00	United States	32,748.28	32,771.46
American	56,877.95	55,577.84	Wells, Fargo & Co.	58,471.56	51,522.84
Canadian	7,230.31	7,128.27	Western	4,851.40	3,509.69
Canadian Northern ..	3,391.80	3,314.50			
Globe	2,903.63	1,915.65	Total	270,666.37	258,128.77
Great Northern	8,930.54	8,213.37			
National	1,640.25	1,640.25			
Northern	7,625.88	6,862.47			
Pacific	16,980.65	16,962.43			
Southern	32,580.60	32,213.00			

NOTE.—The total mileage for 1911 represents 243,721.41 miles of steam road; 7,291.94 miles of electric lines; 18,939.65 miles of steamboat lines and 713.37 miles of stage lines.

Company.	Gross receipts.	Operating revenues.	Operating expenses.	Taxes.	Gross income.	Net income.
Adams	\$32,855,185	\$15,771,354	\$14,271,042	\$245,480	\$3,390,962	\$2,825,489
American	41,683,196	22,310,670	18,996,798	353,358	4,466,076	4,416,008
Canadian	2,689,698	1,408,141	1,111,116	12,394	288,138	261,645
Canadian Northern ..	466,088	287,113	154,924	1,540	130,691	130,691
Globe	700,430	350,097	324,337	9,812	195,751	195,751
Great Northern	2,602,148	1,046,165	778,878	29,775	228,791	228,791
National	1,232,275	754,760	609,373	5,728	139,659	139,659
Northern	3,164,531	1,517,104	1,056,703	53,971	450,516	433,441
Pacific	5,824,978	3,059,955	2,401,606	70,270	621,014	621,014
Southern	14,932,794	7,699,295	5,820,839	143,561	1,945,257	1,911,588
United States	20,364,074	10,646,551	10,142,498	123,400	775,007	750,821
Wells, Fargo & Co.	25,167,228	13,371,407	10,995,792	248,909	3,503,064	3,489,893
Western	872,696	376,519	406,733	7,004	\$37,213	\$37,213
Total, 1911	152,555,321	78,599,071	67,070,639	1,315,202	16,535,708	15,367,573
Total, 1910	146,116,315	76,198,754	61,690,473	1,126,726	19,025,873	17,988,557

*Loss.

Class.	Number.	Value.	Class.	Number.	Value.
Cars	138	\$401,188.50	Sleighs	3,016	\$82,330.60
Four wheel trucks ..	28,625	577,525.67	Stable articles		\$433,308.68
Office furniture		1,041,772.91	Car safes (stationary) ..	1,361	260,812.55
Office safes	11,165	618,307.72	Messengers' safes	13,996	199,561.75
Horses	18,648	2,833,350.16	Messengers' trunks ..	26,131	196,571.53
Automobiles	318	511,768.00	Other equipment		656,784.84
Double wagons	3,671	819,785.76			
Single wagons	9,936	1,197,746.61	Total		9,830,815.28

DEATH OF MAJ.-GEN. FREDERICK D. GRANT.

Maj.-Gen. Frederick Dent Grant of the United States army, eldest son of Ulysses S. Grant, died in New York city at about midnight April 11, 1912. He had obtained leave of absence from his post as commander of the eastern division and had made a trip to the south. He returned apparently much benefited in health, but was taken suddenly ill at the Buckingham hotel in New York, N. Y., two hours after retiring, at 9 o'clock on the evening of April 11, and died before a physician could be sum-

moned. The cause of death was heart failure.

Gen. Grant was born in St. Louis, Mo., May 30, 1850, and was therefore nearly 62 years of age at the time of his death. He was married Oct. 20, 1874, to Ida M. Honore of Chicago. Besides his widow he left two children, Lieut. Ulysses S. Grant III, and Princess Cantacuzene-Speransky, who was Miss Julia Dent Grant. He was buried at West Point, N. Y.

MANUFACTURES IN ILLINOIS.

[From reports of the bureau of the census.]

SUMMARY FOR 1909 AND 1899.

	1909.	1899.		1909.	1899.
Establishments	18,026	14,374	Capital	\$1,548,171,000	\$732,830,000
Persons in industry.....	561,044	.....	Salaries	31,448,000	40,448,000
Firm members.....	17,357	.....	Wages	273,319,000	159,104,000
Salaried employees.....	77,923	40,964	Cost of materials.....	1,160,927,000	681,450,000
Wage earners (average)....	465,764	332,871	Value of products.....	1,919,277,000	1,120,868,000
Primary horse power.....	1,013,071	559,347	Value added.....	758,350,000	439,418,000

LEADING INDUSTRIES OF ILLINOIS (1909).

(Abbreviations "n. e. s." mean "not elsewhere specified.")

Industry.	Establishments.	Persons.*	Wage-earn-ers.†	Capital.	Wages.	Total expenses.	Value products.
Agricultural implements.....	79	21,511	19,241	\$110,605,187	\$11,718,384	\$44,148,098	\$57,268,325
Artificial flowers, etc.....	25	338	284	174,548	85,975	332,502	406,030
Artificial stone.....	366	1,312	785	1,236,408	439,214	1,123,179	1,488,299
Automobiles and parts.....	65	2,804	2,382	4,083,973	1,653,186	6,774,357	7,153,818
Babbitt metal, solder.....	19	291	183	1,409,799	108,517	3,817,757	4,145,789
Bags, other than paper.....	6	213	189	575,574	175,042	895,618	965,442
Bags, paper.....	4	231	194	1,690,925	98,839	1,028,829	1,123,610
Baking powders, yeast.....	24	1,133	657	6,115,498	346,259	6,017,782	7,632,063
Belting, leather.....	11	403	233	1,279,476	164,536	2,051,612	2,187,655
Bicycles, motorcycles.....	14	1,005	910	1,276,356	600,233	1,755,516	1,177,464
Billiard tables, materials.....	8	204	167	351,023	87,690	359,957	403,163
Blacking, etc.....	58	407	236	516,683	122,932	997,542	1,229,961
Bluing.....	10	28	18	15,277	7,862	62,649	66,949
Boots and shoes.....	53	6,392	792	7,569,620	3,142,912	15,485,947	16,754,704
Boxes, cigar.....	18	463	404	358,050	158,099	581,630	664,469
Boxes, fancy and paper.....	61	4,509	4,085	3,813,498	1,601,275	5,650,611	6,349,621
Brass and bronze products.....	79	2,052	1,688	4,055,823	1,136,179	6,180,929	6,841,735
Bread and baker products.....	2,099	12,566	8,611	24,224,216	5,494,607	30,899,184	36,117,986
Brick and tile.....	340	7,347	6,574	18,495,247	4,386,001	8,285,610	9,765,051
Brooms.....	87	682	494	722,783	235,069	1,248,515	1,464,896
Brushes.....	32	392	326	497,181	190,370	874,123	964,850
Butter, cheese, condensed milk	295	3,000	1,732	7,819,946	842,206	16,485,553	17,798,278
Buttons.....	28	623	548	262,094	246,892	557,542	676,981
Calcium lights.....	3	12	7	29,265	5,292	32,729	37,729
Canning and preserving.....	118	2,800	2,383	5,629,637	903,832	6,704,951	7,619,586
Carpets, rag.....	67	366	266	173,701	115,229	249,365	304,799
Carriages and wagons.....	325	6,746	5,852	17,858,786	3,598,016	14,810,098	16,831,283
Cars by steam roads.....	73	24,406	23,131	18,722,338	15,287,571	32,236,134	32,229,243
Cars, street railroads.....	30	2,364	2,240	3,885,611	1,395,029	3,439,334	3,450,643
Cars, for steam roads.....	28	11,782	10,945	37,394,778	7,823,919	25,685,563	27,001,092
Cement.....	6	1,536	1,395	6,686,567	854,797	3,197,433	4,087,507
Chemicals.....	19	972	836	4,639,170	531,315	3,927,458	4,656,274
Clocks and watches.....	19	5,883	5,665	12,411,573	3,217,149	5,819,648	7,045,275
Cloth, sponging, etc.....	6	106	91	30,806	51,824	93,072	119,296
Clothing, men's.....	715	41,122	36,152	38,762,929	16,580,002	80,398,885	89,472,755
Clothing, women's.....	221	7,279	6,151	6,151,194	3,151,098	14,992,614	16,635,286
Coffee and spice roasting, etc.	31	1,792	1,018	8,751,561	524,869	18,352,146	19,751,188
Coffins, etc.....	21	924	732	2,088,863	405,910	2,042,393	2,259,753
Confectionery.....	140	4,622	3,799	6,094,450	1,428,645	11,214,390	12,798,077
Cooperage, wooden goods.....	80	2,617	2,388	4,452,842	1,126,580	6,137,357	6,610,969
Copper, tin, sheet iron products	483	8,897	7,473	31,018,411	4,314,684	20,300,274	22,822,810
Cordage.....	7	1,884	1,799	13,014,494	659,584	6,888,306	8,237,165
Cork, cutting.....	4	112	102	180,918	44,701	207,433	238,468
Corsets.....	16	1,663	1,502	1,306,114	524,530	2,280,612	2,711,213
Cotton goods.....	5	1,397	1,319	1,979,075	522,073	1,896,952	2,111,203
Cutlery and tools, n. e. s.....	80	1,661	1,322	2,456,288	760,385	2,363,064	2,757,762
Dairymen's supplies, etc.....	29	427	323	859,129	178,333	978,164	1,180,898
Dentists' materials.....	10	85	48	71,764	36,043	201,740	231,884
Electrical machinery.....	143	11,854	9,641	24,201,532	6,412,671	24,937,852	26,382,717
Electroplating.....	43	457	375	239,762	245,432	562,107	696,572
Emery wheels, etc.....	4	35	19	84,866	19,784	118,180	155,318
Enameling and japanning.....	4	35	29	14,066	14,745	40,230	45,058
Explosives.....	8	327	290	1,561,612	189,558	1,250,894	1,469,469
Fancy articles, n. e. s.....	44	613	444	659,251	221,757	1,119,375	1,319,861
Files.....	5	85	76	84,200	49,081	86,973	99,522
Fire extinguishers, chemical.	5	54	28	109,771	14,596	142,098	164,437
Fireworks.....	6	114	98	180,844	38,548	142,939	142,973
Flags, regalia, etc.....	24	376	293	383,331	111,923	576,368	675,845
Flour mill products.....	461	3,634	2,464	18,453,727	1,271,182	48,852,744	51,110,681
Foundry products.....	1,178	61,303	52,266	143,276,987	33,156,824	123,396,892	138,578,993
Fur goods.....	63	473	319	971,515	229,532	1,584,835	1,929,470
Furnishing goods, men's.....	61	3,116	2,688	2,881,103	1,014,719	6,726,981	7,213,437
Furniture.....	267	15,240	13,576	22,383,174	2,545,432	25,160,458	27,900,262
Gas and electric fixtures.....	78	2,619	2,090	3,657,369	1,184,293	5,102,485	5,797,373
Gas, illuminating, heating.....	18	8,020	8,301	131,789,000	2,967,342	13,938,452	21,062,190
Glass.....	11	3,686	3,507	7,738,236	2,181,683	4,664,447	5,047,323
Gloves, leather.....	29	1,463	1,309	1,093,490	518,862	2,331,900	2,522,963
Gold and silver, leaf and foil	7	159	143	65,747	61,183	209,833	225,806
Grease and tallow.....	36	959	778	2,852,246	531,365	5,076,472	5,589,617
Hand stamps, stencils.....	33	284	179	295,106	102,930	396,973	478,911
Hats, caps, other than felt.....	88	574	462	279,637	266,879	902,607	1,046,486
Hats, fur-felt.....	10	123	99	70,007	70,990	250,394	246,721

Industry.	Establishments.	Persons.*	Wage earners.†	Capital.	Wages.	Total expenses.	Value products.
Hosiery, knit goods.....	43	3,141	2,913	5,115,992	1,116,476	4,938,859	5,946,737
Ice, manufactured.....	83	1,013	804	5,574,739	534,166	1,424,335	1,928,323
Ink, printing.....	7	86	38	254,387	25,508	316,498	415,025
Iron and steel, blast furnaces	6	2,927	2,493	52,389,822	1,792,965	34,196,011	38,299,897
Iron and steel, rolling mills.	24	19,437	17,584	69,682,495	12,962,087	75,221,710	86,608,137
Jewelry.....	67	1,280	990	1,822,666	650,233	2,358,271	2,779,962
Kaolin, ground earths.....	7	123	76	687,177	37,198	368,440	431,352
Lapidary work.....	3	18	14	34,067	12,974	70,525	87,883
Leather goods.....	163	3,569	2,949	5,359,975	1,633,407	7,985,071	8,948,324
Leather, tanned, etc.....	29	3,184	3,001	15,974,532	1,552,030	17,926,180	14,911,782
Lime.....	16	572	511	1,258,141	282,967	581,605	687,976
Liquors, distilled.....	9	851	750	7,500,390	478,685	53,219,682	55,199,892
Liquors, malt.....	106	5,361	4,398	56,141,165	3,473,300	23,618,940	28,449,148
Liquors, vinous.....	12	17	3	34,150	1,989	15,846	28,711
Lumber products.....	814	19,025	16,567	29,777,623	9,109,584	41,125,559	44,951,804
Marble and stone work.....	278	2,821	2,226	4,689,083	1,766,107	5,667,371	6,770,996
Mattresses, spring beds.....	86	1,036	831	1,150,945	447,691	2,503,832	2,860,042
Millinery and lace goods.....	103	3,987	3,328	2,188,576	1,383,332	6,444,318	7,281,914
Mirrors.....	10	396	353	447,280	231,681	992,144	1,106,480
Models, patterns, not paper.	81	585	426	520,739	308,255	701,416	889,437
Musical instruments, n. e. s.	30	425	336	511,662	200,606	602,678	629,163
Planos, organs.....	68	9,628	8,777	27,718,851	5,009,042	16,686,065	19,176,328
Paint and varnish.....	74	2,306	1,792	15,725,376	1,114,298	17,926,283	20,434,291
Paper and wood pulp.....	19	1,549	1,397	8,400,383	727,420	4,567,670	4,983,075
Paper goods, n. e. s.....	166	1,659	1,317	2,260,205	546,165	5,435,708	7,793,297
Patent medicines, etc.....	359	3,902	1,869	7,988,944	804,761	16,742,989	13,114,307
Pens, fountain, gold.....	7	65	35	117,164	23,224	141,815	170,467
Photographic apparatus.....	13	356	284	708,269	156,562	642,709	739,857
Photo engraving.....	27	1,561	1,114	1,300,856	949,109	2,268,578	2,678,304
Pottery, terra cotta, etc.....	39	3,474	3,157	14,900,981	1,884,879	3,946,183	4,614,728
Printing and publishing.....	2,608	43,074	28,644	60,084,133	18,436,924	75,964,422	87,247,090
Pumps, not steam.....	14	348	282	664,286	179,136	641,106	658,554
Rubber goods, n. e. s.....	13	145	104	251,977	52,875	323,529	381,363
Scales and balances.....	13	306	248	515,477	151,166	528,831	574,420
Sewing machines, etc.....	7	2,073	1,713	4,430,468	1,113,885	3,306,683	3,621,554
Ship and boat building.....	23	470	413	2,060,884	251,594	532,277	533,783
Show cases.....	16	442	386	539,256	247,869	691,413	829,472
Signs.....	51	1,835	1,290	2,693,629	600,349	2,915,025	3,271,331
Slaughtering, packing.....	109	32,642	26,705	131,026,247	14,601,961	378,139,429	389,594,906
Smelting, zinc.....	5	2,034	1,922	7,596,278	1,275,162	8,409,661	9,035,624
Smelting, not from ore.....	11	423	369	1,603,000	206,679	3,638,984	3,929,755
Soap.....	34	3,408	2,188	11,693,653	1,052,608	18,835,398	20,180,799
Steam packing.....	15	160	108	156,862	61,942	355,659	407,790
Stereotyping, electrotyping.....	21	747	592	777,366	472,376	1,156,678	1,282,292
Stoves and furnaces.....	71	5,223	4,499	9,862,626	2,957,046	9,025,626	10,287,335
Surgical appliances.....	29	820	536	1,673,702	284,512	1,855,796	2,098,942
Tobacco manufactures.....	1,944	10,707	8,034	12,794,393	4,215,848	18,230,593	21,870,252
Typefoundry, etc.....	19	589	438	1,852,184	302,566	1,188,289	1,247,937
Wall paper.....	5	389	290	1,139,847	173,127	1,168,877	1,366,763
Wall plaster.....	6	92	80	261,035	33,361	177,930	203,812
Woolen goods.....	9	543	499	1,063,075	236,760	1,190,230	1,314,100
All other industries.....	1,397	44,544	35,794	169,900,392	20,944,403	181,930,730	205,467,461
Total.....	18,026	561,044	465,764	1,548,170,701	273,319,005	1,733,327,352	1,919,276,594

*Persons engaged in industry; includes proprietors, firm members, salaried employees and wage earners. †Average number employees.

MANUFACTURES IN CHICAGO [From reports of bureau of the census.]

SUMMARY FOR 1909 AND 1899.

	1909.	1899.		1909.	1899.
Establishments.....	9,656	7,668	Capital.....	\$971,841,000	\$511,249,000
Persons engaged.....	356,954	.....	Salaries.....	65,925,000	32,068,000
Firm members.....	8,156	.....	Wages.....	174,112,000	108,727,000
Salaried employees.....	54,821	32,406	Cost of materials.....	793,470,000	502,222,000
Wage earners (average).....	293,977	221,191	Value of products.....	1,281,171,000	797,879,000
Primary horse power.....	525,236	.....	Value added.....	487,701,000	295,657,000

LEADING INDUSTRIES OF CHICAGO (1909).

(Abbreviations "n. e. s." mean "not elsewhere specified.")

Industry.	Establishments.	Persons.	Wage earners.	Capital.	Wages.	Cost of materials.	Value of products.
Artificial stone.....	19	192	150	\$240,000	\$104,000	\$146,000	\$356,000
Automobiles.....	41	1,725	1,460	2,094,000	1,131,000	1,707,000	3,940,000
Bags, other than paper.....	6	213	159	576,000	175,000	685,000	965,000
Baking powders, yeast.....	16	940	522	5,873,000	304,000	2,888,000	7,009,000
Baskets, willow ware.....	10	52	41	29,000	26,000	34,000	81,000
Belting, leather.....	11	403	233	1,279,000	165,000	1,385,000	2,188,000
Boots and shoes.....	31	3,326	3,027	3,881,000	1,920,000	6,045,000	9,855,000
Boxes, cigar.....	9	348	304	292,000	125,000	258,000	541,000
Boxes, fancy and paper.....	48	3,984	3,609	3,118,000	1,311,000	2,232,000	5,044,000
Brass and bronze products.....	56	1,430	1,167	2,492,000	810,000	3,266,000	5,131,000
Bread and bakery products.....	1,177	6,842	6,437	20,600,000	4,146,000	16,280,000	28,908,000
Brick and tile.....	7	657	612	2,210,000	559,000	210,000	1,172,000
Brooms and brushes.....	56	616	497	690,000	281,000	918,000	1,560,000

Industry.	Establishments.	Persons.	Wage earnings.	Capital.	Wages.	Cost of materials.	Value of products.
			ers.				
Buttons.....	13	231	190	151,000	72,000	139,000	335,000
Calcium lights.....	3	12	7	29,000	5,000	19,000	27,000
Canning and preserving.....	47	1,107	904	2,058,000	395,000	2,533,000	3,827,000
Carpets, rag.....	25	205	163	87,000	68,000	43,000	206,000
Carriages and wagons.....	126	2,263	1,965	7,616,000	1,253,000	2,602,000	5,203,000
Cars, by steam roads.....	22	11,562	11,059	9,558,000	7,305,000	7,310,000	15,359,000
Cars, by street railways.....	7	1,721	1,164	3,061,000	1,069,000	1,520,000	2,758,000
Cars for steam roads.....	18	9,226	8,553	29,730,000	6,387,000	11,620,000	20,892,000
Chemicals.....	10	218	143	887,000	92,000	598,000	1,149,000
Clocks and watches.....	5	145	109	421,000	60,000	282,000	445,000
Cloth, sponging, etc.....	6	106	91	31,960	52,000	9,000	119,000
Clothing, men's, shirts.....	678	38,370	33,610	36,521,000	15,777,000	42,767,000	85,296,000
Clothing, women's.....	204	6,666	5,615	5,193,000	2,997,000	8,658,000	15,677,000
Coffee and spice, roasting, etc.....	32	1,775	1,006	8,696,000	521,000	14,969,000	19,593,000
Coffins, etc.....	13	733	576	1,721,000	339,000	764,000	1,838,000
Confectionery.....	87	3,865	3,241	5,275,000	1,250,000	6,703,000	11,222,000
Cooperage goods, n. e. s.....	37	1,269	1,166	1,860,000	601,000	2,188,000	3,368,000
Copper, tin, sheet iron products.....	268	4,610	3,859	12,216,000	2,472,000	6,463,000	12,242,000
Corsets.....	10	1,124	1,005	925,000	340,000	705,000	1,779,000
Cutlery and tools, n. e. s.....	53	1,167	982	1,796,000	554,000	680,000	1,895,000
Dairymen's supplies.....	7	70	49	179,000	37,000	147,000	340,000
Dentists' materials.....	10	85	48	72,000	36,000	115,000	232,000
Electrical machinery.....	123	7,333	6,096	16,624,000	3,860,000	11,405,000	20,669,000
Electroplating.....	34	374	310	181,000	214,000	107,000	484,000
Fancy articles, n. e. s.....	40	603	438	64,000	218,000	563,000	1,289,000
Fire extinguishers, chemical.....	5	28	28	11,000	15,000	164,000	164,000
Foundry products.....	669	36,868	31,055	90,050,000	20,490,000	40,755,000	89,669,000
Fur goods.....	59	455	308	959,000	225,000	1,060,000	1,903,000
Furnishing goods, men's.....	38	2,273	1,905	2,340,000	820,000	3,877,000	6,122,000
Furniture.....	202	11,097	9,876	16,373,000	6,026,000	9,096,000	20,512,000
Gas and electric fixtures.....	63	2,068	1,602	2,706,000	914,000	2,124,000	4,683,000
Gloves, leather.....	25	1,223	1,109	900,000	441,000	1,308,000	2,181,000
Gold and silver, leaf and foil.....	7	159	143	66,000	61,000	128,000	226,000
Grease and tallow.....	10	773	649	2,181,000	452,000	3,781,000	4,948,000
Hand stamps, stencils.....	27	273	172	287,000	101,000	167,000	467,000
Hats and caps, not felt.....	38	574	463	280,000	267,000	479,000	1,046,000
Hosiery, knit goods.....	29	837	743	908,000	289,000	783,000	1,477,000
Ice, manufactured.....	6	229	206	1,136,000	153,000	126,000	569,000
Ink, printing.....	7	86	38	254,000	28,000	164,000	415,000
Iron and steel, mills.....	5	7,683	6,983	32,577,000	5,628,000	29,023,000	45,984,000
Jewelry.....	56	1,169	910	1,571,000	606,000	1,218,000	2,635,000
Lapinary work.....	3	18	14	34,000	13,000	53,000	85,000
Leather goods.....	99	2,581	2,178	2,877,000	1,174,000	3,280,000	5,861,000
Leather, tanned, etc.....	24	2,841	2,674	14,486,000	1,418,000	10,788,000	13,244,000
Liquors, malt.....	45	3,450	2,867	29,385,000	2,378,000	4,850,000	19,512,000
Lumber products.....	195	11,680	10,462	17,695,000	6,149,000	20,768,000	32,709,000
Marble and stone work.....	107	1,640	1,388	2,557,000	1,137,000	1,714,000	3,930,000
Mattresses, spring beds.....	58	835	683	837,000	371,000	1,349,000	2,377,000
Models and patterns, not paper.....	56	435	322	362,000	227,000	161,000	687,000
Musical instruments, n. e. s.....	27	418	232	502,000	199,000	172,000	614,000
Pianos and organs.....	37	5,792	5,209	17,335,000	3,034,000	4,848,000	11,487,000
Paint and varnish.....	61	2,667	1,606	13,830,000	996,000	11,845,000	18,942,000
Paper goods, n. e. s.....	41	1,255	957	1,367,000	410,000	1,393,000	2,831,000
Patent medicines, etc.....	273	3,011	1,361	5,377,000	632,000	3,216,000	10,360,000
Photographic goods.....	13	136	284	708,000	357,000	318,000	740,000
Photo engraving.....	21	186	878	902,000	843,000	422,000	2,156,000
Printing and publishing.....	1,395	33,439	22,326	47,982,000	15,077,000	21,256,000	74,211,000
Pumps, not steam.....	6	74	52	94,000	38,000	72,000	179,000
Rubber goods, n. e. s.....	13	145	104	252,000	53,000	200,000	381,000
Ship and boat building.....	8	306	282	1,858,000	174,000	108,000	359,000
Slaughtering.....	67	27,147	22,064	115,312,000	11,985,000	285,250,000	325,062,000
Smelting, not ore.....	7	127	91	816,000	63,000	2,237,000	2,574,000
Soap.....	27	3,329	2,139	11,474,000	1,035,000	13,787,000	19,939,000
Steam packing.....	15	160	108	157,000	62,000	194,000	408,000
Stereotyping, electrotyping.....	21	747	592	777,000	472,000	316,000	1,282,000
Stoves and furnaces.....	28	1,263	1,048	2,546,000	726,000	1,157,000	3,183,000
Surgical appliances.....	24	807	529	1,658,000	279,000	917,000	2,076,000
Tobacco manufacturers.....	1,050	6,758	5,220	10,331,000	2,785,000	6,722,000	16,633,000
Typefoundry, etc.....	19	588	438	1,852,000	303,000	375,000	1,248,000
All other industries.....	1,305	60,504	50,477	326,874,000	28,397,000	142,590,000	234,104,000
Total.....	9,656	356,954	293,977	971,841,000	174,112,000	793,470,000	1,281,171,000

EAST ST. LOUIS INDUSTRIES (1909).

Industry.	Establishments.	Persons.	Wage earnings.	Capital.	Wages.	Cost of materials.	Value of products.
			ers.				
Bread, bakery products.....	20	121	71	\$128,000	\$53,000	\$177,000	\$386,000
Carriages, wagons.....	5	35	28	55,000	24,000	56,000	100,000
Copper, tin, sheet iron products.....	32	14	83	68,000	12,000	100,000	180,000
Foundry products.....	11	925	857	2,031,000	513,000	1,053,000	1,872,000
Lumber products.....	7	147	102	405,000	62,000	250,000	328,000
Printing and publishing.....	8	77	50	148,000	38,000	27,000	105,000
Tobacco manufacturers.....	12	23	11	19,000	8,000	12,000	40,000
All other industries.....	62	4,585	4,060	28,459,000	2,494,000	9,854,000	15,308,000
Total.....	139	6,005	5,252	31,298,000	3,250,000	11,479,000	18,228,000

PEORIA INDUSTRIES (1909).

Industry.	Establishments.	Persons.	Wage earnings.	Capital.	Wages.	Cost of materials.	Value of products.
Bread, bakery products.....	39	274	194	\$239,000	\$104,000	\$482,000	\$764,000
Carriages, wagons.....	8	78	63	106,000	41,000	69,000	141,000
Cooperage goods.....	5	443	514	935,000	172,000	840,000	1,153,000
Copper, tin, sheet iron products	8	253	239	415,000	130,000	453,000	684,000
Flour mill products.....	4	54	34	199,000	22,000	640,000	759,000
Foundry products.....	20	488	420	915,000	315,000	515,000	1,082,000
Leather goods.....	4	55	37	30,000	24,000	21,000	72,000
Liquors, distilled.....	4	652	582	5,959,000	380,000	7,478,000	44,570,000
Liquors, malt.....	3	228	197	2,211,000	143,000	199,000	1,101,000
Lumber products.....	6	190	166	366,000	120,000	184,000	398,000
Models and patterns.....	4	16	11	15,000	9,000	2,000	21,000
Printing and publishing.....	32	513	325	606,000	209,000	221,000	881,000
Tobacco manufactures.....	36	369	308	273,000	204,000	240,000	647,000
All other industries.....	109	3,580	2,891	12,626,000	1,679,000	6,429,000	10,788,000
Total.....	283	7,323	5,981	24,945,000	3,552,000	17,773,000	68,061,000

SPRINGFIELD INDUSTRIES (1909).

Industry.	Establishments.	Persons.	Wage earnings.	Capital.	Wages.	Cost of materials.	Value of products.
Bread, bakery products.....	16	88	55	\$124,000	\$48,000	\$182,000	\$310,000
Carriages and wagons.....	7	70	5	100,000	32,000	41,000	98,000
Copper, tin, sheet iron products	10	77	60	79,000	39,000	90,000	178,000
Foundry products.....	10	270	221	647,000	135,000	255,000	482,000
Lumber products.....	7	176	147	220,000	89,000	110,000	242,000
Marble and stone work.....	5	36	26	96,000	20,000	52,000	119,000
Printing and publishing.....	27	549	208	584,000	203,000	163,000	739,000
Tobacco manufactures.....	30	157	122	54,000	61,000	73,000	206,000
All other industries.....	59	2,932	2,646	5,270,000	1,471,000	3,238,000	6,123,000
Total.....	171	4,355	3,652	7,174,000	2,096,000	4,204,000	8,497,000

INDUSTRIES OF OTHER ILLINOIS CITIES (1909).

City.	Establishments.	Persons.	Wage earnings.	Capital.	Wages.	Cost of materials.	Value of products.
Alton.....	69	2,729	2,429	\$5,528,000	\$1,528,000	\$7,282,000	\$10,096,000
Aurora.....	165	5,884	5,095	11,427,000	2,936,000	5,580,000	10,954,000
Belleville.....	119	2,248	1,872	5,541,000	1,062,000	2,324,000	4,615,000
Bloomington.....	107	2,495	2,070	4,762,000	1,188,000	2,527,000	4,868,000
Champaign.....	56	1,410	1,237	4,855,000	628,000	2,357,000	4,440,000
Clinton City.....	33	1,421	1,262	8,189,000	692,000	1,183,000	2,942,000
Chicago.....	42	381	273	895,000	174,000	419,000	846,000
Chicago Heights.....	79	4,444	3,953	10,421,000	2,471,000	5,611,000	10,839,000
Cicero.....	7	735	658	2,496,000	406,000	733,000	1,461,000
Danville.....	76	2,044	1,744	2,656,000	1,077,000	1,430,000	3,351,000
Decatur.....	157	3,447	2,699	6,579,000	1,420,000	5,918,000	9,768,000
Elgin.....	115	6,583	6,094	16,079,000	3,379,000	4,538,000	11,120,000
Evanston.....	60	1,040	837	4,241,000	590,000	2,350,000	3,778,000
Freeport.....	69	3,225	2,852	6,403,000	1,570,000	4,417,000	7,811,000
Galesburg.....	62	1,738	1,465	2,454,000	387,000	1,416,000	2,919,000
Jacksonville.....	57	1,096	947	1,503,000	487,000	1,307,000	2,299,000
Joliet.....	137	7,266	6,883	25,586,000	4,435,000	27,758,000	38,817,000
Kankakee.....	55	1,552	1,349	2,599,000	622,000	1,493,000	2,723,000
LaSalle.....	29	1,439	1,293	4,393,000	856,000	2,928,000	5,308,000
Lincoln.....	40	308	220	611,000	115,000	290,000	570,000
Mattoon.....	35	1,102	948	832,000	561,000	668,000	1,434,000
Moline.....	66	6,106	5,449	26,334,000	3,523,000	11,189,000	20,892,000
Oak Park.....	23	362	282	6,061,000	197,000	391,000	1,118,000
Quincy.....	235	5,056	4,032	11,906,000	2,083,000	5,792,000	11,436,000
Rock Island.....	74	2,179	1,754	9,287,000	1,026,000	2,818,000	5,387,000
Rockford.....	205	10,523	9,309	22,412,000	5,213,000	10,582,000	22,266,000
Streator.....	45	1,409	1,275	4,588,000	644,000	817,000	2,137,000
Waukegan.....	59	3,773	3,090	17,092,000	2,103,000	14,164,000	19,984,000

PEAT SUPPLY OF THE UNITED STATES.

In a report on the uses of peat for fuel and other purposes Mr. Charles A. Davis of the bureau of mines, department of the interior, estimates that there are in the United States, exclusive of Alaska, 11,138 square miles of swamp lands having peat deposits of good quality. "Assuming," he says, "that the average depth of the peat in this area is at least 9 feet, and that the average yield will be 200 tons of salable fuel per acre for each foot of depth, the total available fuel in these deposits will reach 12,888,500,000 tons; this quantity, if converted into machine peat bricks and sold

at \$3 per ton, would have a value of \$38,665,700,000—no mean resource, but one that would furnish heat and power for the entire country for many years."

Peat beds are found chiefly in the New England states, New York, Ohio, Indiana, Michigan, Illinois, Wisconsin, Minnesota, Iowa and Florida. The production of peat for fuel has thus far been insignificant in the United States. The total production for fertilizer uses is about 40,000 tons a year, the value ranging from \$3.50 to \$6 a ton.

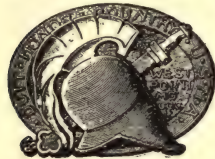
CRUDE PETROLEUM PRODUCED IN THE UNITED STATES.

Year.	Gallons.	Year.	Gallons.	Year.	Gallons.	Year.	Gallons.
1899.....	2,396,975,700	1902.....	3,728,210,472	1905.....	5,658,138,360	1908.....	7,498,148,910
1900.....	2,661,233,568	1903.....	4,219,376,154	1906.....	5,312,745,312	1909.....	7,649,639,508
1901.....	2,914,346,148	1904.....	4,916,663,682	1907.....	6,976,004,070	1910.....	8,801,354,016

UNITED STATES MILITARY ACADEMY.

West Point, N. Y.

The United States military academy is a school for the practical and theoretical training of cadets for the military service of the United States. When any cadet has completed the course of four years satisfactorily he is eligible for promotion and commission as a second lieutenant in any arm or corps in the army in which there may be a vacancy, the duties of which he may have been judged competent to perform.



Appointments—Each congressional district and territory, including the

District of Columbia and Porto Rico, is entitled to have one cadet at the academy. Each state is also entitled to have two cadets from the state at large and forty are allowed from the United States at large. The law provides that for six years from July 1, 1910, whenever any cadet shall have finished three years of his course at the academy his successor may be admitted. The appointment from a congressional district is made upon the recommendation of the representative in congress from that district and those from the state at large upon the recommendations of the senators of the state. The appointments for the United States at large are made by the president upon his own selection. The appointment from the District of Columbia is made on the recommendation of the district commissioner and that from Porto Rico on the recommendation of the resident commissioner. Appointments are made one year in advance of ad-

mission. For each candidate appointed two alternates should be nominated. Four cadets from the Philippines are admitted.

Examinations—On the second Tuesday in January of each year the candidate select-1 for appointment must appear for mental and physical examination before boards of army officers at such places as the war department may designate. Candidates who pass will be admitted to the academy on March 1 following.

Mental Requirements—Each candidate must show that he is well versed in algebra, to include quadratic equations and progressions, plane geometry, English grammar, composition and literature, descriptive and physical geography and general and United States history.

Physical Requirements—No candidate will be admitted who is under 17 or over 22 years of age, or less than five feet four inches in height at the age of 17, or five feet five inches at the age of 18 and upward, or who is deformed or afflicted with any disease or infirmity which would render him unfit for military service. Candidates must be unmarried.

Pay—The pay of a cadet is \$600 a year and one ration a day, or commutation therefor at 30 cents a day. The total is \$709.50, to begin with his admission to the academy. No cadet is allowed to receive money or other supplies from his parents or from any other person without the sanction of the superintendent.

Enlistment—Before receiving his warrant of appointment a candidate for admission is required to sign an engagement to serve in the army of the United States eight years from the time of his admission to the academy.

UNITED STATES NAVAL ACADEMY.

Annapolis, Md.

The United States naval academy is a school for the practical and theoretical training of young men for the naval service of the United States. The students are styled midshipmen. The course of

study is six years—four years at the academy and two years at sea—at the expiration of which time the examination for final graduation takes place. Midshipmen who pass are appointed to fill vacancies in the lower grade of the line of the navy, and occasionally to fill vacancies in the marine corps and in certain of the staff corps of the navy.



Appointments—Two midshipmen are allowed for each senator, representative and delegate in congress, two for the District of Columbia and five each year from the

United States at large. The appointments from the District of Columbia and five each year at large are made by the president. One midshipman is allowed from Porto Rico, who must be a native of that island. The appointment is made by the president on the recommendation of the governor of Porto Rico. After June 30, 1913, each senator, representative and delegate in congress will be allowed to appoint but one midshipman instead of two. Candidates must be actual residents of the districts from which they are nominated.

Examinations—Two examinations for the admission of midshipmen are held each year. The first is held on the third Tuesday in April under the supervision of the civil service commission at certain specified points in each state and territory. All those qualifying mentally who are entitled to appointment in order of nomination, will be notified

by the superintendent of the naval academy when to report at the academy for physical examination, and if physically qualified will be appointed. The second and last examination is held on the third Tuesday in June at Annapolis, Md. Alternates are given the privilege of reporting for mental examination at the same time as the principals. Examination papers are all prepared at the academy and the examinations of candidates are finally passed upon by the academic board. Certificates from colleges and high schools will not be accepted in lieu of the entrance examinations at the naval academy.

Mental Requirements—Candidates will be examined in punctuation, spelling, arithmetic, geography, English grammar, United States history, world's history, algebra through quadratic equations and plane geometry (five books of Chauvenet's geometry or an equivalent).

Physical Requirements—All candidates must, at the time of their examination for admission, be between the ages of 16 and 20 years. A candidate is eligible for appointment the day he becomes 16 and is ineligible on the day he becomes 20 years of age. Candidates are required to be of good moral character, physically sound, well formed and of robust constitution. The height of candidates for admission must not be less than five feet two inches between the ages of 16 and 18 years, and not less than five feet four inches between the ages of 18 and 20 years. The minimum weight at 16 years is 105 pounds with an increase of five pounds for each additional year or fraction of a year over one-half. Candidates must be unmarried.

Pay—The pay of a midshipman is \$600 a year, beginning at the date of his admission. Midshipmen must supply themselves with clothing, books, etc., the total expense of which amounts to \$280.64. Travelling expenses to the academy are paid by the government.

Enlistment—Each midshipman on admission is required to sign articles by which he binds himself to serve in the United States navy eight years (including his time of probation at the naval academy).

STATISTICS OF EDUCATION IN THE UNITED STATES.

[From report of United States commissioner of education.]

STATE COMMON SCHOOL STATISTICS (1909-1910).

STATE.	Population in 1910.	COMMON SCHOOL ENROLLMENT.			Per cent. pop. en-rolled.	Av. daily attendance.	NUMBER OF TEACHERS.		
		Boys.	Girls.	Total.			Men.	Women.	Total.
North Atlantic Division—									
Maine.....	742,871			144,278	19.46	106,955	832	6,625	7,457
New Hampshire.....	430,572	32,619	31,353	63,972	14.86	50,101	215	2,825	3,040
Vermont.....	355,956	33,639	32,976	66,615	18.72	52,104	280	2,967	3,247
Massachusetts.....	3,366,416			535,869	15.93	444,000	1,375	13,946	15,321
Rhode Island.....	542,610	40,282	39,779	80,061	14.78	61,487	209	2,162	2,371
Connecticut.....	1,114,756			190,353	17.25	147,190	327	4,950	5,277
New York.....	11,913,614	715,726	707,243	1,422,969	15.62	1,122,649	5,281	39,736	45,017
New Jersey.....	2,587,137	217,102	212,695	429,797	16.95	324,239	1,453	10,694	12,087
Pennsylvania.....	7,955,111	645,756	637,299	1,283,055	16.74	1,001,464	8,003	27,438	35,496
South Atlantic Division—									
Delaware.....	202,322	18,100	17,850	35,950	14.25	22,559	138	857	995
Maryland.....	1,235,346			238,393	18.35	145,762	989	4,575	5,514
District of Columbia.....	331,069	27,052	28,722	55,774	16.87	44,627	187	1,444	1,631
Virginia.....	2,061,612	200,196	201,973	402,169	19.55	259,394	2,062	8,381	10,443
West Virginia.....	1,221,119	141,503	134,963	276,465	22.75	189,900	4,154	4,628	8,782
North Carolina.....	2,206,287			520,404	23.55	391,355	3,185	8,031	11,216
South Carolina.....	1,615,400			340,415	22.44	243,901	1,906	5,363	6,968
Georgia.....	2,680,121	270,288	283,529	553,794	21.33	346,295	3,069	9,556	12,625
Florida.....	752,619	72,406	75,683	148,089	19.66	103,892	1,035	2,980	4,015
South Central Division—									
Kentucky.....	2,289,905	248,503	246,360	494,863	21.65	315,196	4,620	6,480	11,100
Tennessee.....	2,154,789	261,896	259,837	521,733	23.95	363,953	3,806	6,480	10,286
Alabama.....	2,138,093			424,611	19.86	266,589	3,037	5,719	8,756
Mississippi.....	1,797,114	232,193	236,944	469,137	26.10	261,384	3,162	7,004	10,166
Louisiana.....	1,656,383	130,374	135,043	265,417	15.95	182,659	1,347	4,939	6,286
Texas.....	3,894,542	411,054	410,577	821,631	21.10	544,691	6,371	14,371	20,742
Arkansas.....	1,574,449	198,694	197,284	395,978	25.25	255,185	4,553	5,069	9,622
Oklahoma.....	1,657,155	215,817	207,082	422,899	25.48	275,650	2,482	6,991	9,473
North Central Division—									
Ohio.....	4,767,121	424,780	413,300	838,080	17.58	648,544	8,640	19,201	27,841
Indiana.....	2,700,876	266,700	264,739	531,439	19.70	420,780	6,156	11,111	17,267
Illinois.....	5,638,591	508,965	499,722	1,008,687	17.80	779,040	5,488	23,946	29,384
Michigan.....	2,810,173	272,064	269,467	541,531	19.29	443,458	2,508	18,479	21,987
Wisconsin.....	2,538,860			420,439	16.53	320,439	1,718	13,011	14,729
Minnesota.....	2,075,708			440,083	21.20	348,500	1,811	13,345	15,157
Iowa.....	2,224,771			510,661	23.05	360,178	2,639	24,909	27,598
Missouri.....	3,293,335	353,367	353,664	707,031	21.50	490,390	4,838	13,527	18,365
North Dakota.....	577,056	72,207	67,565	139,802	24.23	90,149	1,285	6,102	7,387
South Dakota.....	588,888	64,219	62,034	126,253	21.62	80,032	1,006	5,059	6,065
Nebraska.....	1,192,214	143,697	137,678	281,375	23.66	191,076	1,312	9,787	11,099
Kansas.....	1,690,949	200,673	198,173	398,746	23.65	291,329	2,430	11,087	13,467
Western Division—									
Montana.....	576,053			66,141	17.80	41,314	270	1,980	2,250
Wyoming.....	145,935	12,364	12,220	24,584	16.90	16,730	141	968	1,109
Colorado.....	799,024	82,782	84,016	166,798	21.14	107,520	812	4,388	5,200
New Mexico.....	327,301	30,290	26,014	56,304	17.23	37,389	505	969	1,474
Arizona.....	204,334			81,312	15.35	20,094	142	709	851
Utah.....	573,351	46,463	45,148	91,611	21.58	69,246	629	1,740	2,369
Nevada.....	81,875	5,125	5,075	10,200	14.10	7,400	52	437	489
Idaho.....	325,394			76,168	23.40	51,137	567	1,065	1,632
Washington.....	1,411,990			215,688	19.00	156,064	1,434	5,736	7,170
Oregon.....	672,705			118,412	17.60	103,553	823	3,590	4,453
California.....	2,377,549	189,901	178,490	368,391	15.50	286,744	1,569	9,200	11,369
North Atlantic Division.....	25,368,573	2,136,175	2,080,706	4,216,879	16.31	3,310,279	18,015	111,365	129,880
South Atlantic Division.....	12,194,895	1,272,789	1,300,597	2,573,386	21.10	1,687,665	16,373	45,814	62,187
South Central Division.....	17,194,435	1,903,536	1,903,453	3,813,989	22.23	2,468,257	29,278	57,053	86,331
North Central Division.....	29,888,542	3,023,101	2,958,888	5,981,989	20.00	4,463,915	39,831	166,515	206,346
Western Division.....	6,826,821	629,276	598,393	1,227,669	18.04	897,191	6,984	31,982	38,966
United States.....	91,972,266	8,971,875	8,841,977	17,813,852	19.38	12,827,307	.....	.....	.....

EXPENDITURES FOR COMMON SCHOOLS.

School year.	Build-ings, etc.	Salaries.	Other.	Total.	Per capita.	Per pupil.
1909-1901.....	\$39,872,278	\$143,378,507	\$44,272,042	\$227,522,827	2.94	21.23
1902-3.....	39,962,863	151,445,831	46,855,755	238,264,299	3.03	21.53
1903-4.....	45,239,074	157,110,108	48,068,443	250,417,625	3.15	22.75
1904-5.....	49,453,269	167,824,752	55,938,205	273,216,227	3.36	24.14
1905-6.....	56,416,169	177,462,881	57,737,511	301,616,660	3.53	25.40
1906-7.....	60,608,352	186,492,464	60,673,843	307,765,659	2.66	26.27
1907-8.....	65,333,340	202,047,814	69,517,179	336,898,333	2.90	28.25
1908-9.....	73,640,408	219,780,123	77,923,879	371,344,410	4.27	30.65
1909-10.....	81,878,591	237,013,913	82,505,243	401,397,747	4.45	31.05
1909-10.....	69,978,370	253,915,170	102,356,894	426,250,434	4.46	33.33

TEACHERS' AVERAGE MONTHLY SALARIES (1911).

In state common schools.			
Division.	Men.	Women.	All.
North Atlantic...	\$80.43	\$54.20	\$67.82
South Atlantic...	50.59	38.62	42.71
South central...	59.25	48.75	50.95
North central...	72.47	53.65	56.60
Western...	58.38	65.86	70.62
United States..	68.76	53.40	61.70

PUBLIC HIGH SCHOOLS (1911).

Schools	10,234
Instructors—Men	20,152
Instructors—Women	25,015
Instructors—Total	45,167
Secondary students—Boys	433,053
Secondary students—Girls	551,624
Secondary students—Total	984,677
Elementary pupils—Boys	80,827
Elementary pupils—Girls	85,635
Elementary pupils—Total	166,462

PRIVATE HIGH SCHOOLS AND ACADEMIES.

Schools	1,979
Instructors—Men	4,386
Instructors—Women	7,087
Instructors—Total	12,073
Secondary students—Boys	61,298
Secondary students—Girls	69,351
Secondary students—Total	130,649
Elementary pupils—Boys	35,392
Elementary pupils—Girls	48,749
Elementary pupils—Total	84,141

NORMAL SCHOOLS IN THE UNITED STATES (1911).

PUBLIC.	
Schools	223
Teachers—Men	1,254
Teachers—Women	2,385
Teachers—Total	3,639
Students—Men	15,358
Students—Women	60,284
Students—Total	75,642
Total income	\$1,152,319
Volumes in libraries	1,302,120

PRIVATE.	
Schools	65
Teachers—Men	202
Teachers—Women	286
Teachers—Total	488
Students—Men	2,622
Students—Women	5,831
Students—Total	8,453
Total income	\$1,599,614
Volumes in libraries	150,912

SUMMER SCHOOLS (1911).

Schools	477
Teachers—Men	5,572
Teachers—Women	2,477

PROFESSIONAL SCHOOLS

	1911.	1910.	1900.	1890.	1880.
Theology:					
Schools	193	184	154	145	142
Students	10,334	11,012	8,009	7,013	5,242
Graduates	1,877	1,759	1,703	1,372	719
Law:					
Schools	116	114	96	54	48
Students	19,615	19,567	12,516	4,518	3,134
Graduates	3,901	4,233	3,241	1,424	1,089
Medicine (all classes):					
Schools	122	135	151	129	90
Students	19,146	21,394	25,213	15,484	11,929
Graduates	4,028	4,448	5,219	4,556	3,241
Medicine (regular):					
Schools	104	112	121	93	72
Students	17,773	19,983	22,752	13,521	9,876
Graduates	3,744	4,129	4,720	3,853	2,673
Medicine (homeopathic):					
Schools	10	14	22	14	12
Students	851	897	1,909	1,164	1,220
Graduates	150	184	413	380	380

Teachers—Total	8,049
Students—Male	38,140
Students—Female	80,167
Students—Total	118,307

MANUAL AND INDUSTRIAL TRAINING SCHOOLS (1911).

Schools	287
Teachers—Men	2,984
Teachers—Women	2,069
Teachers—Total	5,017
Students—Male	75,500
Students—Female	46,630
Students—Total	127,130

INDIAN INDUSTRIAL SCHOOLS (1911).

Schools	76
Teachers—Men	476
Teachers—Women	676
Teachers—Total	1,152
Students—Male	8,646
Students—Female	7,025
Students—Total	15,671

UNIVERSITIES, ETC.

(1911).	
Institutions reporting...	581
Under public control...	89
Under private control...	492
Coeeducational	339
For men only	17
For women only	97
Men teachers	23,260
Women teachers	5,025
Total teachers	28,285
Students enrolled	303,070
Men students	203,426
Women students	99,644
Students—Classical	70,602
General science	11,685
Agriculture	8,243
Engineering	31,499
Education	11,256
Commerce	4,194
Household economy	4,233
Music	15,025
Art	5,380
Architecture	1,201
Forestry	733
Civil engineering	8,339
Chemical engineering	1,452
Electrical engineering	6,128
Mechanical engineering	7,052
Mining engineering	2,337
Volumes in libraries	15,073,709
Value of apparatus	\$38,289,589
Value of grounds	\$81,053,420
Value of buildings	\$225,282,616
Productive funds	\$299,347,372
Total receipts	\$94,672,441

AGRICULTURAL AND MECHANICAL COLLEGES.

Established by act of congress of July 2, 1862, and receiving federal aid under acts of Aug. 30, 1890, and March 4, 1907.

IN THE UNITED STATES.

	1911.	1910.	1900.	1890.	1880.
Dentistry:					
Schools	55	53	54	27	16
Students	6,961	6,439	7,928	2,696	730
Graduates	1,743	1,588	2,029	943	266
Pharmacy:					
Schools	77	79	53	30	14
Students	6,131	6,226	4,042	2,871	1,347
Graduates	1,743	1,715	1,130	759	186
Veterinary medicine:					
Schools	21	20	13	7	.....
Students	2,571	2,717	362	463	.....
Graduates	706	769	100	.....	.....

PROPERTY, ENDOWMENT, INCOME AND LIBRARIES (1910-1911).

	Class.	Property.	Endowment.	Income.	Volumes.
Theological	\$21,419,790	\$35,313,101	\$3,399,286	1,304,059	.....
Law	3,851,350	959,969	1,178,069	840,208	.....
Medical	19,723,032	7,985,325	2,183,123	338,593	.....
Dental	1,947,154	.....	699,294	31,363	.....
Pharmaceutical	2,070,218	.....	441,311	75,470	.....

Schools	68
For colored race only	16
Teachers	6,902
Students	89,183
Property	\$124,973,435
Income	\$20,579,559
Federal aid	\$3,269,811

COMMERCIAL AND BUSINESS SCHOOLS (1911).

Schools	600
Teachers—Men	1,926
Teachers—Women	1,379
Teachers—Total	3,305
Students—Men	82,775
Students—Women	72,468
Students—Total	155,244

INDUSTRIAL OR REFORM SCHOOLS (1911).

Schools	115
Inmates—Male	39,696
Inmates—Female	11,691
Inmates—Total	51,387
Teachers	1,006
Expenditures	\$8,224,273

STATE SCHOOLS FOR THE BLIND (1911).

Schools	53
Teachers—Male	195
Teachers—Female	406
Teachers—Total	601
Pupils—Male	2,453
Pupils—Female	2,217
Pupils—Total	4,670
Raised type books	87,400
Expenditures	\$1,818,872

STATE SCHOOLS FOR THE DEAF (1910).

Schools	57
Teachers—Men	371
Teachers—Women	874
Teachers—Total	1,245
Pupils—Male	5,887
Pupils—Female	4,852
Pupils—Total	10,740
Volumes in libraries	132,461
Expenditures	\$3,439,101

SCHOOLS FOR THE FEEBLE MINDED (1911).

Schools	45
Teachers—Men	67
Teachers—Women	305
Teachers—Total	372
Inmates—Male	11,194
Inmates—Female	9,475
Inmates—Total	20,669

SCHOOLS FOR TRAINING PROFESSIONAL NURSES.

Year.	Schools.	Pupils.	uates.
1911.	1,121	29,805	7,720
1910.	1,129	32,626	8,140
1900.	482	11,164	3,456
1890.	35	1,552	471
1880.	15	323	157

AMERICAN UNIVERSITIES AND COLLEGES.

Nonsectarian and undenominational schools marked with *.

School, location and date of founding.	President.	Instruct- ors.	Stu- dents.
Adelphi college, * Brooklyn, N. Y. (1896).....	C. H. Livermore, Ph. D.	30	504
Adrian college, Adrian, Mich. (1859).....	B. W. Anthony, D. D., LL. D.	24	205
Agnes Scott college, Decatur, Ga.	F. H. Gaines, D. D.	16	184
Ag. and Mech. Col. of Tex., * Col. S., Tex. (1876).....	R. T. Milner, LL. D.	75	1,190
Alabama Polytechnic Inst., * Auburn, Ala. (1872).....	C. C. Thach, M. A., LL. D.	69	810
Albany college, Albany, Ore. (1866).....	H. M. Crooks.	14	185
Albion college, Albion, Mich. (1861).....	Hon. Samuel Dickie, LL. D.	26	512
Alfred university, * Alfred, N. Y. (1836).....	Boothe C. Davis, Ph. D.	40	447
Allegheny college, Meadville, Pa. (1815).....	W. H. Crawford, D. D., LL. D.	19	357
Alma college, Alma, Mich. (1857).....	Thomas C. Blaisdell, Ph. D.	23	245
American Inter. col., * Springfield, Mass. (1885).....	C. Stowe McGowan.	14	114
Amer. Univ. of Harriman, Harriman, Tenn. (1893).....	W. T. Robinson, M. A.	12	265
Amherst college, * Amherst, Mass. (1825).....	Alexander McEldon, A. M., Ph. D.	46	465
Amity college, * College Springs, Iowa (1855).....	Rev. R. A. McConagha, D. D.	11	200
Andover Theological sem., Cambridge, Mass. (1808).....	Albert P. Fitch, D. D.	7	44
Antioch college, * Yellow Springs, O. (1852).....	S. D. Fess, LL. D.	16	178
Arkansas college, Batesville, Ark. (1872).....	Eugene R. Long, Ph. D.	10	172
Armour Inst. of Technology, * Chicago, Ill. (1893).....	F. W. Gunsaulus, D. D., LL. D.	60	1,280
Atlanta university, * Atlanta, Ga. (1869).....	Edward T. Ware, A. B., D. D.	23	403
Auburn Theological sem., Auburn, N. Y. (1819).....	G. B. Stewart, D. D., LL. D.	10	55
Augsburg seminary, Minneapolis, Minn. (1869).....	George Sverdrup, Jr., D. D.	15	163
Augustana college, Rock Island, Ill. (1860).....	Gustav Andreen, Ph. D.	30	529
Baker university, Baldwin, Kas. (1858).....	Wilbur N. Mason.	36	622
Baldwin university, Berea, O. (1856).....	Glezen A. Reader, D. D.	30	341
Barnard college, * New York, N. Y. (1839).....	N. M. Butler, LL. D., Litt. D.	71	640
Bates college, * Lewiston, Me. (1864).....	George C. Chase, A. M., D. D., LL. D.	23	433
Baylor university, Waco, Tex. (1845).....	Samuel P. Brooks, A. M., LL. D.	50	1,430
Bellevue college, Bellevue, Neb. (1880).....	Stephen W. Stookey, D. D.	20	200
Beloit college, * Beloit, Wis. (1846).....	E. D. Eaton, D. D., LL. D.	33	402
Berea college, * Berea, Ky. (1855).....	W. Godell Frost, Ph. D., D. D., LL. D.	63	1,609
Bethany college, Bethany, W. Va. (1840).....	T. E. Cramblet, A. M., LL. D.	24	300
Bethany college, Lindsborg, Kas. (1881).....	Ernest P. Pihlblad, A. M.	43	920
Bethel college, Russellville, Ky.	F. D. Perkins, M. A.	10	125
Bissell College of Photo-Engraving, Effingham, Ill.	L. H. Bissell.	3	80
Blackburn college, Carlinville, Ill. (1857).....	Walter H. Bradley, Ph. D. (acting).....	11	146
Boston college, Boston, Mass. (1863).....	Thomas J. Gasson, S. J.	18	254
Boston university, Boston, Mass. (1863).....	Samuel H. Murlin, D. D., LL. D.	150	1,424
Bowdoin college, Brunswick, Me. (1794).....	William DeWitt Hyde, D. D., LL. D.	25	333
Bradley Polytechnic institute, Peoria, Ill.	Theodore C. Burgess, Ph. D.	44	1,000
Brigham Young college, Logan, Utah (1877).....	James H. Linford, S. B., B. D.	27	703
Bryn Mawr university, * Providence, R. I. (1764).....	William H. F. Faunce, D. D., LL. D.	90	931
Bryn Mawr college, * Bryn Mawr, Pa. (1885).....	Miss M. C. Thomas, Ph. D., LL. D.	60	426
Buchtel college, Akron, O. (1870).....	A. B. Church, D. D., LL. D.	18	262
Bucknell university, Lewisburg, Pa. (1846).....	John Howard Harris, LL. D.	48	713
Butler college, * Indianapolis, Ind. (1850).....	Thomas C. Howe, LL. D.	20	576
Canisius college, Buffalo, N. Y. (1870).....	Augustine A. Miller, S. J.	30	510
Carleton college, * Northfield, Minn. (1866).....	Donald G. Cowling, D. D., Ph. D.	27	350
Carroll college, Waukegan, Wis. (1846).....	Wilbur O. Carrier, M. A., D. D.	21	284
Carson & Neman col., Jefferson City, Tenn. (1851).....	J. M. Burnett, D. D.	15	450
Carthage college, Carthage, Ill. (1870).....	Henry D. Hoover, A. M., B. D., Ph. D.	20	172
Case Sc. Applied Science, * Cleveland, O. (1881).....	Charles S. Howe, Ph. D., D. Sc.	40	530
Cath. Univ. of Am., Washington, D. C. (1889).....	Thomas J. Shahan, D. D.	52	687
Cedarville college, Cedarville, O. (1887).....	David McKinney, D. D., LL. D.	10	100
Central college, Fayette, Mo. (1857).....	William A. Webb, D. D., Litt. D.	12	220
Central Univ. of Kentucky, Danville, Ky. (1819).....	F. W. Hinitz, Ph. D., D. D.	35	350
Central Wesleyan college, Warrenton, Mo. (1864).....	Otto E. Kriege, D. D., A. B.	21	320
Charles City college, Charles City, Iowa (1891).....	Christian Hohn.	15	183
Christian university, Canton, Mo. (1853).....	Carl Johan, A. M., LL. D.	14	175
Clafin university, Orangeburg, S. C. (1869).....	Lewis M. Dunton, A. M., D. D.	40	700
Clark college, * Worcester, Mass. (1902).....	Edmund C. Sanford, Ph. D.	25	195
Clark university, South Atlanta Station, Ga. (1870).....	S. E. Idelman, A. M., D. D.	28	482
Clark university, * Worcester, Mass. (1839).....	G. Stanley Hall, Ph. D., LL. D.	28	106
Clarkson School Tech., * Potsdam, N. Y. (1896).....	John P. Brooks, M. S.	9	57
Clemson Ag. col., * Clemson college, S. C. (1896).....	W. M. Riggs, E. M. E., LL. D.	94	810
Coe college, Cedar Rapids, Iowa (1831).....	John A. Marquis, D. D., LL. D.	32	460
Colby college, Waterville, Me. (1820).....	Arthur J. Roberts, A. M.	25	400
Colgate university, * Hamilton, N. Y. (1819).....	William H. Crawshaw, A. M. (acting).....	25	307
College City of New York, * New York (1847).....	John H. Finley, LL. D.	250	3,900
College of Emporia, Emporia, Kas. (1882).....	Henry C. Culbertson, D. D.	19	246
College of Pacific, San Jose, Cal. (1851).....	William W. Guth, Ph. D.	32	402
College of St. Elizabeth, Convent Station, N. J.	Sister Mary Pauline.	32	400
Colorado college, * Colorado Springs, Col. (1874).....	William F. Slocum, D. D., LL. D.	53	834
Columbia university, * New York, N. Y. (1754).....	Nicholas M. Butler, Ph. D., LL. D., Litt. D.	595	6,073
Concordia college, Fort Wayne, Ind. (1839).....	Rev. Martin Lucke.	12	258
Converse college, * Spartansburg, S. C. (1890).....	Robert P. Pell, Litt. D.	25	289
Cooper college, Sterling, Kas. (1887).....	R. T. Campbell, D. D.	17	188
Cornell college, Mount Vernon, Iowa (1853).....	James E. Harlan, LL. D.	41	746
Cornell university, * Ithaca, N. Y. (1868).....	Jacob G. Schurman, D. Sc., LL. D.	665	5,621
Creighton university, Omaha, Neb. (1879).....	Eugene A. Magerney, S. J.	150	1,015
Cumberland university, Lebanon, Tenn.	Winstead P. Bone, D. D.	22	368
Dakota Wesleyan univ., Mitchell, S. D. (1883).....	Samuel F. Kerfoot, D. D.	28	575
Dartmouth college, * Hanover, N. H. (1769).....	Ernest Fox Nichols, D. Sc.	108	1,443
Davidson college, Davidson, N. C. (1837).....	William J. Martin, M. A., M. D., Ph. D.	16	342
Decatur college, Decatur, Ill. (1901).....	A. R. Taylor, Ph. D., LL. D.	74	1,101
Defiance college, Defiance, O. (1902).....	P. W. McReynolds, A. M.	22	375

School, location and date of founding.	President.	Instruct- ors.	Stu- dents.
Delaware college, * Newark, Del. (1833).....	George A. Harter, M. A., Ph. D.....	29	174
Denison university, Granville, O. (1831).....	Emory W. Hunt, D. D., LL. D.....	45	625
De Paul university, Chicago, Ill.....	Very Rev. F. X. McCabe, C. M., LL. D.....	40	890
De Pauw university, Greencastle, Ind. (1837).....	Francis J. McConnell, Ph. D., LL. D.....	48	734
Des Moines college, Des Moines, Iowa (1865).....	John A. Earl, D. D.....	21	243
Dickinson college, Carlisle, Pa. (1783).....	Eugene A. Noble, D. D.....	26	350
Doane college, Crete, Neb. (1872).....	(Vacancy).....	21	204
Drake university, Des Moines, Iowa (1881).....	Hill M. Bell, A. M.....	170	1,890
Drew Theological seminary, Madison, N. J. (1866).....	Henry A. Buttz, D. D., LL. D.....	12	177
Duay college, Springfield, Mo. (1878).....	Joseph H. George, M. A., D. D., Ph. D.....	32	553
Earlham college, Richmond, Ind. (1847).....	Robert L. Kelly, LL. D.....	30	642
Elmira college, Elmira, N. Y. (1855).....	A. C. Mackenzie, D. D., LL. D.....	18	205
Elon college, Elon College, N. C. (1890).....	L. A. Harper, M. A., Litt. D.....	17	268
Emory and Henry college, Emory, Va. (1838).....	John N. Brown, LL. D.....	11	232
Emory college, Oxford, Ga. (1836).....	James E. Dickey, D. D.....	17	259
Erskine college, Due West, S. C. (1839).....	James S. Moffat, D. D.....	8	140
Ewing college, Ewing, Ill. (1867).....	(Vacancy).....	15	194
Fairmount college, Wichita, Kas. (1895).....	Henry E. Thayer.....	22	307
Fargo college, Fargo, N. D. (1888).....	Charles E. Cregan, D. D.....	28	401
Fisk university, Nashville, Tenn. (1866).....	George A. Gates, D. D., LL. D.....	37	430
Fordham university, New York, N. Y. (1841).....	Rev. Thomas J. McCluskey, D. D., S. J.....	143	1,074
Fort Worth college, * Fort Worth, Tex. (1881).....	William Fiebler, D. D.....	67	1,190
Frank Hughes college, Clifton, Tenn. (1906).....	W. E. Johnson.....	8	175
Franklin & Marshall college, Lancaster, Pa. (1887).....	Henry H. Apple, LL. D.....	16	283
Franklin college, Franklin, Ind. (1834).....	Eljah A. Hanley, D. D.....	13	206
Franklin college, * New Athens, O. (1825).....	A. M. Campbell, D. D.....	10	96
Furman university, Greenville, S. C. (1851).....	Edwin McNeill Poteat, LL. D.....	11	176
General Theological sem., New York, N. Y. (1817).....	Wilford L. Robbins, D. D., LL. D.....	15	143
Georgetown university, Washington, D. C. (1789).....	Rev. Alphonsus J. Donlon, S. J.....	158	1,487
German Wallace college, Berea, O.....	A. L. Breslich, D. D., Ph. D.....	26	286
Girard college, * Philadelphia, Pa. (1848).....	C. A. Herlick, Ph. D.....	72	1,500
Goucher college, Baltimore, Md. (1888).....	A. B. Van Meter (acting).....	30	348
Greer college, * Hoopston, Ill. (1891).....	E. L. Bailey, B. S., M. S.....	15	125
Grinnell college, Grinnell, Iowa (1847).....	J. H. T. Main, LL. D.....	42	650
Grove City college, * Grove City, Pa. (1876).....	I. C. Ketter, D. D., LL. D., Ph. D.....	40	771
Guilford college, Guilford College, N. C. (1888).....	Lewis L. Hobbs, LL. D.....	22	283
Gustaf Adolf college, St. Peter, Minn. (1862).....	P. J. Uhler, D. D., Ph. D. (acting).....	13	240
Hamilton college, * Clinton, N. Y. (1812).....	M. Woolsey Stryker, D. D., LL. D.....	20	185
Hamline university, St. Paul, Minn. (1854).....	Samuel F. Kerfoot, D. D.....	17	251
Hampten-Sidney col., Hampden-Sidney, Va. (1776).....	Harry T. Graham, D. D.....	9	110
Hampton institute, * Hampton, Va. (1868).....	Hollis B. Frissell, D. D., LL. D.....	110	1,356
Hanover college, Hanover, Ind. (1832).....	William A. Millis, LL. D.....	16	255
Harvard university, * Cambridge, Mass. (1636).....	Abbott L. Lowell, M. A., LL. D.....	707	5,045
Hastings college, Hastings, Neb. (1882).....	R. B. Crone.....	10	150
Haverford college, Haverford, Pa. (1833).....	Isaac Sharpless, Sc. D., LL. D.....	22	164
Hedding college, Abingdon, Ill. (1856).....	Walter D. Agnew.....	14	154
Heldberg university, * Lima, O. (1850).....	Charles E. Miller, D. D.....	30	377
Henrich college, Conway, Ark. (1884).....	C. C. Miller, A. M., D. D.....	12	220
Henry Kendall college, Tulsa, Okla. (1895).....	F. W. Hawley, A. M., D. D.....	12	165
Hillsdale college, Hillsdale, Mich. (1855).....	Joseph W. Mauck, A. M., LL. D.....	22	499
Hiram college, Hiram, O. (1850).....	Miner Lee Bates, A. M.....	22	300
Hiwassee college, * Sweetwater, Tenn. (1849).....	Eugene Blake, A. M., D. D.....	9	137
Hobart college, * Geneva, N. Y. (1822).....	L. O. Stewardson, LL. D.....	2	101
Holy Cross college, Worcester, Mass. (1843).....	Rev. Joseph N. Dinand, S. J.....	27	560
Hope college, Holland, Mich. (1866).....	Arne Vennema, LL. D.....	20	415
Howard college, Birmingham, Ala. (1889).....	A. P. Montague, LL. D.....	10	162
Howard university, * Washington, D. C. (1867).....	Stephen M. Newman, D. D.....	117	1,409
Huron college, Huron, S. D. (1883).....	Calvin H. French, A. M., D. D.....	24	484
Illinois college, Jacksonville, Ill. (1829).....	C. H. Hammelkamp, Ph. D.....	22	283
Illinois College of Photography, Effingham, Ill.....	L. H. Bissell.....	7	185
Indiana Wesleyan university, * Dayton, Ill. (1850).....	Frederic Kemp, D. D., LL. D.....	4	615
Indiana university, * Bloomington, Ind. (1820).....	William Lewis Bryan, Ph. D.....	85	1,515
Iowa state college, * Ames, Iowa (1869).....	Raymond A. Pearson.....	167	2,410
Iowa Wesleyan college, Mt. Pleasant, Iowa (1842).....	Edwin A. Schell, D. D., Ph. D.....	28	335
Jacob Tome institute, * Port Deposit, Md.....	Thomas S. Baker, Ph. D. (director).....	25	227
John B. Stetson university, * DeLand, Fla. (1883).....	Lincoln Hulley, Ph. D., Litt. D., LL. D.....	46	504
Johns Hopkins university, * Baltimore, Md. (1876).....	Ira Remsen, Ph. D., LL. D.....	228	1,206
Kansas city university, Kansas City, Mo. (1886).....	D. S. Stephens, D. D., LL. D.....	71	348
Kansas Wesleyan university, Salina, Kas. (1886).....	Robert P. Smith, A. M., D. D.....	43	954
Kemper Hall, Kenosha, Wis. (1871).....	Mother superior.....	17	126
Kenyon college, Gambier, O. (1824).....	William F. Peirce, M. A., L. H. D.....	14	108
Kenka college, * Kenka Park, N. Y. (1892).....	Joseph A. Serena.....	15	106
Knox college, * Galesburg, Ill. (1837).....	Thomas McClelland, D. D., LL. D.....	32	559
Knoxville college, Knoxville, Tenn. (1875).....	R. W. McGranahan, D. D.....	27	562
Lafayette college, Easton, Pa. (1832).....	E. D. Warfield, D. D., LL. D.....	53	610
LaGrange college, LaGrange, Mo.....	Ransom Harvey, A. B., D. D.....	10	140
Lake Erie college, * Painesville, O. (1837).....	Miss Vivian Small, M. A.....	27	119
Lake Forest college, * Lake Forest, Ill. (1876).....	John S. Nollen, Ph. D., LL. D.....	18	190
Lander college, Greenwood, S. C. (1872).....	John O. Willson, D. D.....	20	253
LaSalle college, Philadelphia, Pa. (1867).....	Rev. Brother D. Edward, F. S. C.....	11	157
Lawrence university, * Appleton, Wis. (1847).....	Samuel Plantz, Ph. D., LL. D.....	42	643
Lebanon Valley college, Annville, Pa. (1866).....	Rev. Lawrence Keister, S. T. B.....	25	252
Lehigh university, * South Bethlehem, Pa. (1866).....	Henry S. Drinker, E. M., LL. D.....	68	639
Leland Stanford, Jr. U., * Stanford U., Cal. (1891).....	David Starr Jordan, LL. D.....	175	1,650
Leland university, New Orleans, La. (1869).....	R. W. Perkins, LL. D.....	50	1,711
Lehigh college, * Lehigh, Iowa (1856).....	E. E. Reed, M. A., D. D.....	12	131
Lewis institute, Chicago, Ill. (1865).....	George N. Carman (director).....	156	3,500
Liberty college, Glasgow, Ky. (1874).....	Robert E. Hatton, A. M., Ph. D.....	16	150

School, location and date of founding.	President.	Instruct- ors.	Stu- dents.
Lincoln college, Lincoln, Ill. (1865).....	James H. McMurray, Ph. D.	15	308
Livingston college, Salisbury, N. C.	H. H. Goler, A. M., D. D.	16	243
Lombard college,* Galesburg, N. C. (1851).....	Huber W. Hurt.....	14	.....
Louisiana State university, Baton Rouge, La. (1850)	Thomas D. Boyd, A. M., LL. D.	70	1,287
Loyola university, Chicago, Ill. (1869).....	Rev. A. J. Browes, S. J.	127	1,061
Luther college, Decorah, Iowa (1861).....	Rev. C. K. Presb.	17	214
Macalester college, St. Paul, Minn. (1884).....	T. Morey Hodgman, M. A., LL. D.	26	300
Manhattan college, New York, N. Y. (1863).....	Rev. Brother Jerome, F. S. C.	17	290
Marietta college,* Marietta, O. (1835).....	Alfred T. Perry, A. M., D. D.	18	152
Marquette university, Milwaukee, Wis. (1864).....	Rev. Joseph Grimmelmann, S. J.	173	1,660
Maryville college, Maryville, Tenn. (1819).....	Samuel T. Wilson, D. D.	38	649
Massachusetts Agr. col.* Amherst, Mass. (1863).....	Kenyon L. Butterfield, A. M., LL. D.	54	524
Mass. inst. of Technology, Boston, Mass. (1861).....	R. C. MacLaurin, A. M., LL. D., D. Sc.	250	1,600
Miami university, Oxford, O. (1809).....	R. M. Hughes (acting)	50	506
Michigan Agr. college, East Lansing, Mich. (1857).....	J. L. Snyder, M. A., Ph. D.	140	1,700
Michigan College of Mines,* Houghton, Mich. (1844).....	W. W. McNair, B. S., D. Sc.	28	185
Middlebury college,* Middlebury, Vt. (1800).....	John M. Thomas, D. D.	27	306
Midland college, Atchison, Kas. (1887).....	Rev. Rufus B. Peery, D. D.	15	130
Midland college, Milligan College, Tenn. (1882).....	F. D. Kershner, M. A.	12	175
Mills college,* Oakland, Cal. (1885).....	Miss L. C. Carson, Litt. D., LL. D.	36	147
Milton college, Milton, Wis. (1867).....	Rev. W. C. Daland, M. A., D. D.	14	165
Milwaukee-Downer college, Milwaukee, Wis.	Ellen C. Sabin, M. A.	45	501
Miss. A. & M. college, Agricultural College, Miss.	George R. Hightower.....	63	1,230
Mississippi college, Clinton, Miss. (1826).....	J. W. Provine, D. D., LL. D.	13	395
Missouri Valley college, Marshall, Mo. (1889).....	W. H. Black, D. D., LL. D.	14	222
Monmouth college, Monmouth, Ill. (1857).....	T. H. McMichael, D. D.	24	420
Moore's Hill college, Moore's Hill, Ind. (1807).....	Henry A. King, D. D.	15	270
Morningside college, Sioux City, Iowa (1894).....	Alfred E. Craig.....	36	516
Morris Brown college, Atlanta, Ga. (1885).....	W. W. Fountain, D. S.	25	861
Moun. Angel college, Moun. Angel, Ore. (1887).....	Rev. Basil Schieber, O. S. B.	26	175
Mount Holyoke college,* South Hadley, Mass. (1837).....	Miss M. E. Wooley, M. A., Litt. D., L. H. D.	130	771
Mount St. Mary's college, Emmitsburg, Md. (1808).....	Very Rev. P. J. Bradley, A. M.	40	366
Mount Union college, Alliance, O. (1858).....	W. H. McMaster, A. M.	25	510
Muhlenburg college, Allentown, Pa. (1867).....	John A. W. Haas, D. D.	14	161
Muskingum college, New Concord, O. (1837).....	J. K. Montgomery, D. D.	30	575
McCormick Theological seminary, Chicago, Ill. (1829)	James G. K. McClure, D. D., LL. D.	14	152
McKendree college, Lebanon, Ill. (1828).....	John F. Harmon, M. A.	15	327
McMinville college, McMinville, Ore. (1857).....	Leonard W. Riley, D. D.	16	200
Nebraska Wesleyan univ., Univ. Place, Neb. (1888).....	Clark A. Fulmer (chancellor)	60	1,000
New Orleans university, New Orleans, La. (1873).....	Charles M. Melden, Ph. D.	18	533
New Rochelle college, New Rochelle, N. Y.	M. C. O'Farrell, D. D.	32	105
Newton Theological inst., Newton, Mass. (1825).....	George E. Horr, D. D.	3	150
New York university,* New York, N. Y. (1830).....	Elmer E. Brown, Ph. D., LL. D.	369	4,150
Niagara university, Niagara Falls, N. Y. (1856).....	Very Rev. Edward J. Walsh, C. M.	31	355
Norwich university, Northfield, Vt. (1819).....	Charles H. Spooner, A. M., LL. D.	14	183
N. C. Col. of Ag. & Me. Arts,* W. Raleigh, N. C. (1889).....	D. H. Hill, A. M., Litt. D.	53	619
Northwestern college, Naperville, Ill. (1861).....	L. H. Saeger, D. D.	23	392
Northwestern Mil. and Nav. acad., Lake Geneva, Wis.	Col. H. P. Davidson, A. M.	14	115
Northwestern university, Evanston, Ill. (1865).....	Abram W. Harris, Sc. D., LL. D.	421	3,936
Oberlin college,* Oberlin, O. (1833).....	Henry C. King, D. D., LL. D.	142	1,789
Occidental college, Los Angeles, Cal. (1887).....	John Willis Baer, LL. D.	25	300
Ohio Northern university, Ada, O. (1871).....	Albert E. Smith, D. D., Ph. D.	43	1,925
Ohio State university,* Columbus, O. (1870).....	William O. Thompson, D. D., LL. D.	250	3,928
Ohio university,* Athens, O. (1804).....	Alston Ellis, Ph. D., LL. D.	75	1,832
Ohio Wesleyan university,* Delaware, O. (1842).....	Herbert Welch, D. D., LL. D.	67	1,290
Olivet college,* Olivet, Mich. (1859).....	E. G. Lancaster, Ph. D., LL. D.	25	251
Oregon Agricultural college,* Corvallis, Ore. (1885).....	William J. Kerr, Sc. D.	102	2,868
Ottawa university, Ottawa, Kas. (1865).....	Silas Eber Price, D. D.	19	378
Otterbein university, Westerville, O. (1847).....	W. G. Clippinger, A. B., B. D.	30	465
Ouachita college, Arkadelphia, Ark. (1886).....	R. G. Bowers, A. B., D. D.	30	354
Pacific university, Forest Grove, Ore. (1849).....	William M. Ferrin, LL. D.	18	234
Park college,* Parkville, Mo. (1875).....	Lowell M. McAfee, LL. D.	24	365
Parker college, Winnebago, Minn. (1889).....	E. V. DuBois.....	.....	.....
Parsons college, Fairfield, Iowa (1875).....	Willis E. Parsons, D. D.	21	252
Peabody college, Nashville, Tenn.†.....	Bruce R. Payne, A. M., Ph. D.	.....	.....
Penn college, Oskaloosa, Iowa (1873).....	David M. Edwards, Ph. D.	30	435
Pennsylvania college, Gettysburg, Pa. (1862).....	W. C. Gravelle, Ph. D., LL. D.	22	236
Pennsylvania Col. for Women,* Pittsburgh, Pa. (1869).....	H. D. Lindsay, D. D.	22	250
Pennsylvania Military college,* Chester, Pa. (1853).....	Col. C. E. Hyatt, C. E.	16	120
Philander Smith college, Little Rock, Ark. (1887).....	Rev. James M. Cox.....	23	473
Polytechnic institute,* Brooklyn, N. Y. (1854).....	Fred W. Atkinson, Ph. D.	42	630
Pomona college,* Claremont, Cal. (1887).....	James A. Blaisdell, D. D.	42	404
Pratt institute,* Brooklyn, N. Y. (1887).....	Charles M. Pratt, A. M.	153	3,553
Presbyterian college, Clinton, S. C. (1905).....	Davison McD. Douglas, M. A., D. D.	11	109
Princeton Theological sem., Princeton, N. J. (1812).....	Francis L. Patten, D. D., LL. D.	16	185
Princeton university,* Princeton, N. J. (1746).....	John Grier Hibben, Ph. D., LL. D.	182	1,543
Pritchett college,* Glasgow, Mo. (1868).....	U. S. Hall, A. B.	10	135
Proseminar college, Elmhurst, Ill. (1871).....	Rev. D. Iron, D. D.	8	170
Purdue university,* Lafayette, Ind. (1874).....	W. E. Stone, Ph. D., LL. D.	160	1,956
Randolph college,* Cambridge, Mass. (1879).....	LeBaron R. Briggs, A. M., LL. D.	103	569
Randolph-Macon college, Ashland, Va. (1830).....	Robert E. Blackwell, A. M., LL. D.	16	150
Randolph-Macon Woman's col., Lynchburg, Va. (1893).....	William W. Smith, A. M., LL. D.	50	576
Rensselaer Polytechnic institute,* Troy, N. Y. (1824).....	Palmer C. Ricketts, C. E., E. D., LL. D.	63	643
Rice institute, Houston, Tex. (1912).....	Dr. Edgar O. Lovett, Ph. D., LL. D.	.....	.....
Richmond college, Richmond, Va. (1832).....	F. W. Boatwright, M. A., LL. D.	26	378
Rio Grande college, Rio Grande, O. (1876).....	Slmeon H. Bing.....	7	176
Ripon college,* Ripon, Wis. (1850).....	Silas Evans.....	20	230
Roanoke college, Salem, Va. (1853).....	J. A. Morehead, D. D.	19	197

	President.	Instructors.	Students.
School, location and date of founding.			
Rochester Mechanics Institute, Rochester, N. Y. (1885).	Carleton B. Gibson.	70	2,665
Rochester Theological sem., Rochester, N. Y. (1850).....	A. H. Strong, D. D., LL. D.	15	152
Rockford college,* Rockford, Ill. (1847).....	Julia H. Gulliver, Ph. D., LL. D.	31	230
Rock Hill college, Ellicott City, Md. (1857).....	Rev. Brother Maurice, F. S. C.	18	182
Rose Polytechnic Institute,* Terre Haute, Ind. (1883).	Leo C. Mees, Ph. D.	200	200
Rutgers college, New Brunswick, N. J. (1766).....	W. H. S. Demarest, D. D., LL. D.	55	382
St. Anselm's college, Manchester, N. H. (1889).....	E. H. Hinstott, D. D., O. S. B.	20	140
St. Bede college, Peru, Ill. (1891).....	Rt.-Rev. Vincent Huber, O. S. B.	12	125
St. Benedict's college, Atchison, Kas. (1858).....	Rt.-Rev. Innocent Wolf, O. S. B.	22	250
St. Charles college, Ellicott City, Md. (1848).....	Rev. F. X. McKenney, A. M.	18	210
St. John's college, Annapolis, Md. (1784).....	Thomas Fell, Ph. D., LL. D., D. C. L.	14	225
St. John's college, Washington, D. C. (1866).....	Brother F. Andrew, F. S. C.	14	185
St. John's Military academy, Delafield, Wis.	Sidney T. Smythe, Ph. D.	15	200
St. John's university, Collegeville, Minn. (1857).....	Rt.-Rev. Peter Engel, O. S. B., Ph. D.	40	439
St. Lawrence university, Canton, N. Y. (1858).....	Almon Gunnison, LL. D.	82	646
St. Louis university, St. Louis, Mo. (1818).....	Rev. A. J. Burrows, S. J.	211	1,384
St. Mary's college, St. Mary's, Kas. (1848).....	A. A. Breen, S. J.	36	360
St. Mary's college, St. Mary's, Ky. (1821).....	Rev. M. Jaglowicz, O. R.	12	110
St. Olaf college, Northfield, Minn. (1874).....	John N. Kildahl, D. D.	32	519
St. Stephen's college, Annandale, N. Y. (1860).....	Rev. W. C. Rodgers, M. A., S. T. D.	20	362
St. Vincent's college, Los Angeles, Cal. (1865).....	Joseph S. Glass, C. M., D. D.	20	362
Scotia seminary, Concord, N. C. (1870).....	A. W. Verner, D. D.	19	291
Seton Hall college, South Orange, N. J. (1856).....	James F. Mooney, D. D., LL. D.	17	240
Shaw university, Raleigh, N. C. (1865).....	Charles F. Meserve, LL. D.	35	518
Shorter college, Rome, Ga. (1877).....	A. W. Van Hoose, A. M., LL. D.	25	231
Shurtleff college, Upper Alton, Ill. (1827).....	George M. Potter.	12	150
Simmons college,* Boston, Mass. (1899).....	Henry Lefavour, Ph. D., LL. D.	91	1,029
Simpson college, Indianola, Iowa (1860).....	F. L. Strickland, Ph. D., D. D.	30	480
Sioux Falls college, Sioux Falls, S. D.	Edward F. Jordan, Ph. D., D. D.	15	186
Smith college,* Northampton, Mass. (1872).....	Marion Le Roy Burton, Ph. D., D. D.	139	1,509
Southern Baptist Theolog. sem., Louisville, Ky. (1859).	Edgar Y. Mullins, D. D., LL. D.	11	112
Southern university, Greensboro, Ala. (1856).....	Andrew Sled, Ph. D., D. D., LL. D.	10	325
Southwestern college, Winfield, Kas. (1885).....	Frank E. Mossman, A. M.	22	412
Southwestern Pres. univ., Clarksville, Tenn. (1875).....	William Dinwiddle (chancellor)	10	100
Spelman seminary, Atlanta, Ga.	Miss Lucy Hale Tapley.	58	644
Springhill college, Mobile, Ala. (1830).....	Rev. F. X. Twellmeyer, S. J.	25	250
State College of Washington,* Pullman, Wash. (1892).....	E. A. Bryan, LL. D.	110	1,463
State Normal and Industrial col., Greensboro, N. C.	J. I. Foust.	60	598
State University of Iowa,* Iowa City, Iowa (1847).....	John G. Bowman, B. A., M. A.	165	2,090
State University of Kentucky, Lexington, Ky. (1865).....	Henry S. Barker, LL. D.	110	1,262
State university, Louisville, Ky.	William T. Amiger, A. M., D. D., LL. D.	14	225
Stevens Institute of Technology,* Hoboken, N. J.	A. C. Humphreys, M. E., Sc. D., LL. D.	35	361
Susquehanna university, Sellingsgrove, Pa. (1869).....	Charles T. Aikens, D. D.	22	300
Swarthmore college, Swarthmore, Pa. (1869).....	Joseph Swarth, LL. M., S. LL. D.	45	398
Syracuse university,* Syracuse, N. Y. (1870).....	James B. Day, LL. D. (chancellor)	25	3,368
Tabor college, Tabor, Iowa (1866).....	Rev. Walter H. Rollins.	15	199
Talladega college,* Talladega, Ala. (1867).....	J. M. P. Metcalf, M. A.	42	722
Tarkio college, Tarkio, Mo. (1883).....	Joseph A. Thompson, D. D.	23	270
Taylor university, Upland, Ind. (1848).....	Monroe Vayhinger, D. D.	28	272
Temple university,* Philadelphia, Pa. (1884).....	Russell H. Conwell, D. D., LL. D.	240	3,083
Texas Christian university, Fort Worth, Tex. (1873).	Clinton Lockhart, A. M., Ph. D.	89	524
The Geo. Washington univ.,* Washington, D. C. (1821).	Charles H. Stockton, LL. D.	186	1,269
The Pennsylvania State col.,* State College, Pa. (1855).	Edwin Erle Sparks, M. A., Ph. D.	172	1,808
Throop Polytechnic Institute,* Pasadena, Cal. (1891).	James A. B. Scherer, Ph. D., LL. D.	16	38
Transylvania university, Lexington, Ky. (1798).....	R. H. Crossfield, Ph. D.	36	600
Trinity college, Durham, N. C. (1838).....	William P. Few, A. B., A. M., Ph. D.	32	431
Trinity college,* Hartford, Conn. (1828).....	Flavel S. Luther, LL. D.	22	221
Trinity university, Waxahachie, Tex. (1869).....	S. L. Hornbeak, LL. D.	24	346
Tufts college, Tufts College, Mass. (1852).....	Frederick W. Hamilton, D. D., LL. D.	223	1,051
Tulane university,* New Orleans, La. (1834).....	Edwin B. Craighead, LL. D.	275	2,536
Tuskegee Institute,* Tuskegee, Ala. (1881).....	Booker T. Washington, A. M., LL. D.	190	1,702
Union Christian college, Merom, Ind. (1860).....	Daniel A. Long, D. D.	20	130
Union college, Barbourville, Ky.	Percy L. Ports.	15	300
Union college, College View, Neb. (1891).....	Frederick Griggs.	27	459
Union college,* Schenectady, N. Y. (1795).....	Charles A. Richmond, D. D., LL. D.	32	346
Union Theological seminary, New York, N. Y. (1836).....	Francis Brown, Ph. D., D. D., LL. D.	22	260
Union university, Jackson, Tenn. (1848).....	R. A. Kimbrough.	9	202
U. S. Military academy,* West Point, N. Y. (1802).	Brig.-Gen. T. H. Barry, U. S. A. (supt.).	116	519
United States Naval academy,* Annapolis, Md. (1845)	Capt. J. H. Gibbons, U. S. N. (supt.).	110	730
University of Alabama,* Tuscaloosa (1831).....	John H. Denny, LL. D.	60	153
University of Arizona,* Tucson (1891).....	Arthur H. Wilde, Ph. D.	30	215
University of Arkansas,* Fayetteville (1871).....	John N. Tillman, LL. D.	98	1,270
University of California,* Berkeley (1860).....	Benjamin Ide Wheeler, LL. D.	455	6,402
University of Chicago,* Chicago, Ill. (1892).....	Harry Pratt Judson, LL. D.	337	6,506
University of Cincinnati,* Cincinnati, O. (1870).....	Charles M. Dabney, Ph. D., LL. D.	230	1,400
University of Colorado,* Boulder (1877).....	James H. Baker, M. A., LL. D.	190	1,306
University of Denver, University Park, Col. (1864).....	Henry A. Buchtel, D. D., LL. D.	110	1,214
University of Florida, Gainesville (1905).....	A. H. Murphree, LL. D.	51	302
University of Georgia,* Athens (1785).....	David C. Barrow (chancellor)	50	654
University of Idaho,* Moscow (1892).....	James A. MacLean, Ph. D., LL. D.	65	700
University of Illinois,* Urbana (1867).....	Edmund J. James, Ph. D., LL. D.	580	5,300
University of Kansas,* Lawrence (1866).....	Frank Strong, Ph. D. (chancellor)	190	2,433
University of Maine,* Orono (1865).....	Robert J. Aley, Ph. D., LL. D.	106	896
University of Michigan,* Ann Arbor (1837).....	H. B. Hutchins, LL. D.	431	5,582
University of Minnesota,* Minneapolis (1868).....	George E. Vincent, LL. D.	418	5,701
University of Mississippi,* Oxford (1848).....	A. A. Kincannon, LL. D.	46	496
University of Missouri,* Columbia (1839).....	Albert Ross Hill, LL. D.	234	3,062
University of Montana,* Missoula (1895).....	C. A. Dunlavy, Ph. D.	35	290

School, location and date of founding.	
University of Nebraska,* Lincoln (1869).....	
University of Nevada, Reno (1886).....	
University of New Mexico, Albuquerque (1892).....	
University of Notre Dame, Notre Dame, Ind. (1849).....	
University of North Carolina,* Chapel Hill (1789).....	
University of North Dakota, Grand Forks (1883).....	
University of Oklahoma,* Norman (1892).....	
University of Oregon,* Eugene (1878).....	
University of Pennsylvania, Philadelphia (1740).....	
University of Pittsburgh, Pittsburgh, Pa. (1787).....	
University of Rochester, Rochester, N. Y. (1850).....	
University of Southern California, Los Angeles (1879).....	
University of South Carolina,* Columbia (1805).....	
University of South Dakota,* Vermilion (1882).....	
University of the South, Sewanee, Tenn. (1868).....	
University of Tennessee,* Knoxville (1794).....	
University of Texas,* Austin (1883).....	
University of Utah,* Salt Lake City (1850).....	
University of Vermont,* Burlington (1791).....	
University of Virginia,* Charlottesville (1819).....	
University of Washington, Seattle (1862).....	
University of Wisconsin,* Madison (1848).....	
University of Wooster, Wooster, O. (1868).....	
University of Wyoming,* Laramie (1886).....	
Upper Iowa university, Fayette, Iowa (1858).....	
Upsala college, Kenilworth, N. J. (1893).....	
Urbana U. schools, Urbana, O. (1850).....	
Ursinus college, Collegeville, Pa. (1869).....	
Utah Agricultural college,* Logan, Utah (1890).....	
Valparaiso university, Valparaiso, Ind. (1873).....	
Vanderbilt university, Nashville, Tenn. (1873).....	
Vassar college,* Poughkeepsie, N. Y. (1861).....	
Villanova college, Villanova, Pa. (1862).....	
Vincennes university,* Vincennes, Ind. (1806).....	
Virginia Christian college, Lynchburg, Va. (1903).....	
Virginia Military institute, Lexington, Va. (1839).....	
Wabash college,* Crawfordsville, Ind. (1832).....	
Wake Forest college, Wake Forest, N. C. (1834).....	
Walden university, Nashville, Tenn. (1866).....	
Washburn college, Topeka, Kas. (1865).....	
Washington & Jefferson col.,* Washington, Pa. (1802).....	
Washington and Lee univ.,* Lexington, Va. (1749).....	
Washington & Tusculum col., Tusculum, Tenn. (1794).....	
Washington college, Chestertown, Md. (1782).....	
Washington university, St. Louis, Mo. (1853).....	
Waynesburg college,* Waynesburg, Pa. (1850).....	
Wellesley college,* Wellesley, Mass. (1875).....	
Wells college,* Aurora, N. Y. (1868).....	
Wesleyan university, Middletown, Conn. (1831).....	
Western College for Women,* Oxford, O. (1854).....	
Western Reserve university,* Cleveland, O. (1826).....	
Western Theological seminary, Pittsburgh, Pa. (1825).....	
Westfield college, Westfield, Ill. (1865).....	
West Lafayette college, West Lafayette, O. (1900).....	
Westminster college, Fulton, Mo. (1849).....	
Westminster college, New Wilmington, Pa. (1852).....	
West Virginia university, Morgantown (1867).....	
Wheaton college, Wheaton, Ill. (1860).....	
Whitman college,* Walla Walla, Wash. (1882).....	
Whitworth college, Tacoma, Wash. (1883).....	
Wilberforce university, Wilberforce, O. (1856).....	
Wiley university, Marshall, Tex. (1873).....	
Willamette university, Salem, Ore. (1844).....	
William and Mary col.,* Williamsburg, Va. (1693).....	
William Jewell college, Liberty, Mo. (1849).....	
Williams college,* Williamstown, Mass. (1793).....	
Wilson college, Chambersburg, Pa. (1870).....	
Wittenberg college, Springfield, O. (1845).....	
Wofford college, Spartanburg, S. C. (1854).....	
Worcester Polytechnic inst.,* Worcester, Mass. (1865).....	
Xenia Theological seminary, Xenia, O. (1854).....	
Yale university,* New Haven, Conn. (1701).....	
Yankee college, Yankton, S. D. (1881).....	

President.		Instruct- ors.	Stu- dents.
Samuel Avery, Ph. D., LL. D. (chancellor).....	333		3,667
Joseph E. Stubbs, D. D., LL. D.	40		275
David Ross Boyd.....	16		138
John Cavanaugh, C. S. C., D. D.	84		979
Francis P. Venable, Ph. D., LL. D.	81		796
Frank L. McVey, Ph. D., LL. D.	86		992
Stratton D. Brooks, Ph. D.	91		800
Prince L. Campbell, B. A.	125		1,161
Edgar F. Smith, LL. D. (provost).....	531		5,196
S. B. McCormick, LL. D. (chancellor).....	275		2,103
Rush Rhees, D. D., LL. D.	34		247
George F. Bovard, A. M., D. D., LL. D.	23		2,177
S. C. Mitchell, Ph. D.	35		347
Franklin P. Gault, Ph. D.	50		413
W. B. Hall, M. A., D. D. (vice-chancellor).....	37		223
Brown Ayres, Ph. D., LL. D.	150		1,251
Sidney E. Mezes, Ph. D.	125		2,039
J. T. Kingsbury, Ph. D.	75		1,066
Guy P. Benton, D. D., Ph. D.	93		563
Edwin A. Alderman, D. C. L., LL. D.	106		825
Thomas F. Kane, Ph. D., LL. D.	145		2,632
Charles E. Van Hise, Ph. D.	589		5,748
Louis B. Holden, D. D., LL. D.	30		483
Charles O. Merica, LL. D.	45		330
William A. Shanklin, D. D., LL. D.	21		264
A. R. Wallin, Ph. D.	15		165
P. H. Seymour (head master).....	5		25
A. Edwin Kelgwin, D. D.	17		200
John A. Widtsoe, A. M., Ph. D.	76		1,366
Henry P. Brown, A. M.	195		5,626
J. H. Kirkland, LL. D.	125		1,125
James M. Taylor, D. D., LL. D.	108		1,055
Edward G. Dohan, A. M., O. S. A.	36		376
Horace Ellis, A. M., Ph. D.	14		305
S. T. Willis, A. M., LL. D.	15		200
Gen. E. W. Nichols (superintendent).....	22		350
George L. Mackintosh, D. D., LL. D.	21		351
William L. Poteat, LL. D.	40		345
John A. Kuzler, A. M., D. D.	68		797
Frank K. Sanders, D. D., Ph. D.	100		800
James D. Moffat, D. D., LL. D.	19		361
Henry Louis Smith, M. A., Ph. D., LL. D.	46		632
C. O. Gray, D. D.	12		192
James W. Cain, LL. D.	10		122
David F. Houston, A. M., LL. D. (chancellor).....	151		1,326
William M. Hudson, Ph. D.	12		300
Ellen Pendleton, M. A., Litt. D.	120		1,433
Robert L. Zabriske (acting).....	31		205
William A. Shanklin, D. D., LL. D.	40		396
John Grant Newman, A. M., D. D.	34		232
Charles F. Thwing, D. D., LL. D.	278		1,304
James A. Kelso, Ph. D., D. D.	11		75
B. F. Daugherty, A. M., D. D.	10		107
Aubrey F. Hess, D. D.	12		200
Charles B. Boving, D. D.	14		121
Robert McW. Russell, D. D., LL. D.	24		274
Thomas E. Hodges, LL. D.	75		1,525
Charles A. Blanchard, D. D.	20		246
S. B. L. Penrose, D. D.	25		225
(Vacant).....	22		191
William S. Scarborough, Ph. D., LL. D.	31		205
M. W. Dohan, A. M., Ph. D.	34		582
Fletcher Homan, D. D.	46		429
L. G. Tyler, M. A., LL. D.	20		184
John P. Greene, D. D., LL. D.	25		262
Harry A. Garfield, LL. D.	54		533
Anna Jane McKeag, Ph. D.	30		256
Charles G. Heckert, D. D.	35		818
Henry N. Snyder, M. A.	19		415
Levi L. Conant (acting).....	52		525
William G. Moorehead, D. D.	5		29
Arthur Twining Hadley, LL. D.	524		3,229
Henry K. Warren, M. A., LL. D.	21		286

†In process of reorganization. ‡Temporarily closed; will reopen Sept. 13, 1913.

NOTE—The statistics in nearly all cases are for the school year 1911-1912.

STUDENTS IN CHIEF EUROPEAN UNIVERSITIES.

[From "Minerva" for 1912.]

Paris.....	17,512	Leipzig.....	5,804	Cambridge.....	3,726	Breslau.....	2,429
Berlin.....	14,543	Madrid.....	5,675	Bucharest.....	3,398	Freiburg.....	2,387
Moscow.....	10,399	Leuberg.....	4,704	Cracow.....	3,380	Klausenburg.....	2,359
St. Petersburg.....	9,386	Prague.....	4,432	Edinburgh.....	3,300	Göttingen.....	2,355
Vienna.....	8,457	London.....	4,400	Halle.....	2,811	Münster (Germany).....	2,296
Munich.....	7,596	Kharkov.....	4,338	Glasgow.....	2,860	Upsala.....	2,261
Budapest.....	7,548	Bonn.....	4,107	Odessa.....	2,756	Tübingen.....	2,204
Naples.....	6,600	Rome.....	3,882	Strassburg.....	2,506	Nancy.....	2,184

Heidelberg	2,181	Marburg	1,936	Valencia	1,700	Christiania	1,500
Copenhagen	2,100	Tubingen	1,913	Manchester	1,689	Zurich	1,452
Oxford	2,091	Warsaw	1,911	Berne	1,664	Lausanne	1,311
Graz	2,073	Barcelona	1,900	Padua	1,592	Brussels	1,260
Gothenburg	2,009	Lille	1,801	Wales, U. of	1,583	Leiden	1,195
Bologna	2,000	Jena	1,753	Wurzburg	1,509	Lund	1,162
Geneva	1,990	NOTE—Figures are chiefly for the school year 1910-1911.					

PERSONS OF SCHOOL AGE AND SCHOOL ATTENDANCE (1910).

6 to 20 years inclusive. [From census bureau report, 1912.]

Attending school.				Attending school.			
	Total.	Number.	Pr. ct.		Total.	Number.	Pr. ct.
New England—				Arizona	56,897	30,355	53.4
Maine	195,197	132,082	67.7	Utah	121,016	85,006	70.2
New Hampshire	111,634	73,487	65.8	Nevada	16,132	10,141	62.9
Vermont	94,701	65,845	70.6	Pacific—			
Massachusetts	881,024	588,029	66.7	Washington	293,478	195,259	66.5
Rhode Island	143,102	90,328	63.1	Oregon	175,386	117,078	66.8
Connecticut	298,454	192,497	64.5	California	555,554	361,077	65.0
Middle Atlantic—				Geographic Divisions—			
New York	2,454,428	1,563,374	63.7	New England	1,729,112	1,143,268	66.1
New Jersey	708,525	440,903	62.2	Middle Atlantic	5,357,256	3,370,819	62.9
Pennsylvania	2,194,303	1,366,542	62.3	East North Central	5,237,043	3,431,622	65.5
East North Central—				West North Central	3,574,334	2,425,412	67.9
Ohio	1,313,809	868,578	66.1	South Atlantic	4,139,759	2,347,450	56.7
Indiana	777,889	513,623	66.0	East South Central	2,889,349	1,673,263	57.9
Illinois	1,615,914	1,025,053	63.4	West South Central	3,057,574	1,747,097	57.1
Michigan	796,887	539,739	67.7	Mountain	741,754	487,947	65.8
Wisconsin	732,544	484,629	66.2	Pacific	1,024,418	673,414	65.7
West North Central—				Total United States	27,750,599	17,300,202	62.3
Minnesota	648,775	443,761	68.4	Persons from 6 to 9 years of age numbered			
Iowa	675,222	469,778	69.6	7,725,234, of whom 5,678,320, or 73.5 per cent, at-			
Missouri	993,998	646,866	65.1	tended school, while those from 10 to 14 years of			
North Dakota	183,336	117,453	64.1	age numbered 9,107,140, of whom 8,028,660, or 88.2			
South Dakota	183,979	122,640	66.7	per cent, attended school.			
Nebraska	373,868	261,219	69.9	Of the whole number of persons from 15 to 17			
Kansas	515,156	363,695	70.6	years of age, namely, 5,372,177, those attending			
South Atlantic—				school numbered 2,748,387, or 51.2 per cent, while			
Delaware	57,932	35,304	60.9	of the 5,546,048 persons from 18 to 20 years of age			
Maryland	388,486	227,024	58.4	there were 844,835, or 15.2 per cent, who attended			
District of Columbia	79,249	50,959	64.2	school.			
Virginia	697,649	392,498	56.3	For the combined group 6 to 14 years, inclusive—			
West Virginia	396,813	259,971	65.5	the most common years of school attendance—there			
North Carolina	785,583	451,450	57.4	was a total of 16,832,374 persons reported in 1910			
South Carolina	564,260	291,307	51.6	and of this number 13,706,980, or 81.4 per cent, at-			
Georgia	925,865	480,378	51.9	tended school.			
Florida	243,917	128,659	52.7	The following summary gives the percentage of			
East South Central—				children 10 to 14 years of age attending school in			
Kentucky	755,709	461,195	61.0	each of the years 1910 and 1900 by geographic di-			
Tennessee	738,478	438,547	59.4	visions:			
Alabama	750,357	385,449	51.4				
Mississippi	644,805	388,072	60.2				
West South Central—							
Arkansas	551,672	324,035	58.7	New England	94.1	90.0	
Louisiana	575,866	248,420	43.1	Middle Atlantic	92.9	85.7	
Oklahoma	566,323	353,816	62.5	East North Central	93.8	88.1	
Texas	1,363,713	790,736	58.0	West North Central	93.6	88.3	
Mountain—				South Atlantic	78.7	65.6	
Montana	93,771	60,678	64.7	West South Central	80.5	65.8	
Idaho	96,819	66,779	69.0	Mountain	79.0	63.3	
Wyoming	35,776	23,020	64.3	Pacific	90.2	85.2	
Colorado	215,940	147,626	68.4	United States	94.1	91.8	
New Mexico	105,403	64,342	61.0				

COLLEGE COLORS.

Amherst—Purple and white.
 Beloit—Old gold.
 Bowdoin—White.
 Brown—Brown and white.
 Columbia—Light blue and white.
 Cornell—Carnelian and white.
 Dartmouth—Green.
 Harvard—Crimson.
 Indiana—Crimson and cream.
 Iowa—Scarlet and black.
 Iowa State—Cardinal and gold.
 Johns Hopkins—Black and old gold.
 Lake Forest—Red and black.
 Leland Stanford—Cardinal.
 Northwestern—Royal purple.

Austin—Red and white.
 Bowen, James H.—Purple and gold.
 Calumet—Maroon and light blue.
 Carl Schurz—Purple and gold.
 Crane, Richard T.—Crimson and royal blue.
 Curtis, George W.—Red and green.

CHICAGO HIGH SCHOOL COLORS.

Englewood—Purple and white.
 Farragut—Red and white.
 Hyde Park—Blue and white.
 Jefferson—Purple and gold.
 Lake—Old blue and gold.
 Lake View—Red and white.
 Lane Technical—Myrtle green and old gold.

Oberlin—Crimson and gold.
 Princeton—Orange and black.
 Purdue—Old gold and black.
 University of Chicago—Maroon.
 University of Illinois—Orange and navy blue.
 University of Michigan—Maize and blue.
 University of Minnesota—Old gold and maroon.
 University of Notre Dame—Gold and blue.
 University of Pennsylvania—Red and blue.
 University of Rochester—Dandelion yellow.
 University of Wisconsin—Cardinal.
 Vassar—Rose and gray.
 Williams—Royal purple.
 Yale—Blue.

Marshall—Maroon and old gold.
 McKinley—Orange and black.
 Medill—Maroon and white.
 Phillips, Wendell—Red and black.
 South Chicago—Purple and gold.
 Tuley—Old gold and blue.
 Waller, Robert A.—Royal blue and yellow.

ILLITERATES IN THE UNITED STATES.

From census bureau report issued May 6, 1912. The bureau treats as illiterate any person unable to write, regardless of his ability to read; the statistics relate only to persons 10 years of age or over.

BY GEOGRAPHIC DIVISIONS.

Division.	1910 Popu- lation.	Illit- erate.	Per cent.	1900 Popu- lation.	Illit- erate.	Per cent.
New England.....	5,330,914	280,806	5.3	4,524,602	272,402	6.0
Middle Atlantic.....	15,446,515	874,012	5.7	12,167,559	704,134	5.8
East north central.....	14,568,949	491,798	3.4	12,443,302	534,299	4.3
West north central.....	9,097,311	263,628	2.9	7,838,564	324,023	4.1
South Atlantic.....	9,012,826	1,444,294	16.0	7,616,159	1,821,346	23.9
East south central.....	6,178,573	1,072,100	17.4	5,474,227	1,364,935	24.9
West south central.....	6,394,048	845,606	13.2	4,649,988	953,644	20.5
Mountain.....	2,054,249	140,628	6.8	1,276,076	122,901	9.6
Pacific.....	3,496,885	193,821	5.5	1,959,347	82,386	4.2
Continental United States.....	71,580,270	5,516,693	7.7	57,949,824	6,180,069	10.7

BY STATES (1910).

State.	Population.	Illiterate.	Perct.	State.	Population.	Illiterate.	Perct.
Alabama.....	1,541,575	352,710	22.9	Wyoming.....	117,585	3,874	3.3
Arizona.....	157,659	32,963	20.9	United States.....	71,580,270	5,516,693	7.7
Arkansas.....	1,134,087	142,954	12.6	BY COLOR IN SOUTH (1910).			
California.....	2,007,698	74,901	3.7	WHITE.			
Colorado.....	640,846	23,780	3.7	State.	Population.	Illiterate.	Perct.
Connecticut.....	901,026	53,665	6.0	Alabama.....	875,570	86,831	9.9
Delaware.....	163,080	13,240	8.1	Arkansas.....	806,682	56,491	7.0
District of Columbia.....	279,088	13,812	4.9	Delaware.....	138,265	6,884	5.0
Florida.....	564,722	77,722	13.8	District of Columbia.....	198,655	2,904	1.5
Georgia.....	1,885,111	389,775	20.7	Florida.....	330,698	18,261	5.5
Idaho.....	249,018	5,453	2.2	Georgia.....	1,038,626	81,078	7.8
Illinois.....	4,493,734	168,241	3.7	Kentucky.....	1,512,398	150,097	9.9
Indiana.....	2,160,405	66,213	3.1	Louisiana.....	687,004	97,444	14.2
Iowa.....	1,760,286	29,889	1.7	Maryland.....	843,047	30,999	3.7
Kansas.....	1,321,562	28,968	2.2	North Carolina.....	1,082,797	132,666	12.3
Kentucky.....	1,722,644	208,084	12.1	Oklahoma.....	1,047,254	37,397	3.6
Louisiana.....	1,213,676	352,179	29.0	South Carolina.....	493,820	50,644	10.3
Maine.....	603,893	24,554	4.1	Tennessee.....	1,260,304	122,454	9.7
Maryland.....	1,023,950	73,397	7.2	Texas.....	2,540,390	157,886	6.1
Massachusetts.....	2,742,684	141,541	5.2	Virginia.....	1,039,333	83,825	8.7
Michigan.....	2,236,252	74,800	3.3	West Virginia.....	552,778	64,482	7.6
Minnesota.....	1,628,685	49,387	3.0	Continental U. S.....	63,933,558	3,184,954	5.0
Mississippi.....	1,293,180	290,285	22.4	In 1900.....	51,250,913	3,200,913	6.2
Missouri.....	2,594,600	111,604	4.3	NEGRO.			
Montana.....	303,551	14,348	4.7	Alabama.....	662,356	265,628	40.1
Nebraska.....	924,032	18,009	1.9	Arkansas.....	327,009	86,398	26.4
Nevada.....	69,822	4,702	6.7	Delaware.....	24,777	6,345	25.6
New Hampshire.....	354,118	16,386	4.6	District of Columbia.....	79,964	10,514	13.5
New Jersey.....	2,027,946	113,502	5.6	Florida.....	238,744	59,503	25.5
New Mexico.....	240,390	48,697	20.2	Georgia.....	846,195	308,639	36.5
New York.....	7,410,819	406,220	5.5	Kentucky.....	210,028	57,900	27.6
North Carolina.....	1,578,595	291,487	18.5	Louisiana.....	525,450	254,148	48.4
North Dakota.....	424,730	13,070	3.1	Maryland.....	180,454	42,289	23.4
Ohio.....	3,848,747	124,774	3.2	Mississippi.....	727,851	259,438	35.6
Oklahoma.....	1,197,476	67,569	5.6	North Carolina.....	490,395	156,303	31.9
Oregon.....	555,631	10,504	1.9	Oklahoma.....	101,157	17,858	17.7
Pennsylvania.....	6,007,750	354,290	5.9	South Carolina.....	584,064	226,242	38.7
Rhode Island.....	440,065	33,854	7.7	Tennessee.....	360,663	98,541	27.3
South Carolina.....	1,078,161	276,980	25.7	Texas.....	507,089	124,613	24.6
South Dakota.....	443,466	12,751	2.9	Virginia.....	496,418	148,950	30.0
Tennessee.....	1,621,179	221,071	13.6	West Virginia.....	50,925	10,347	20.3
Texas.....	2,848,904	282,904	9.9	Continental U. S.....	7,318,502	2,228,087	30.4
Utah.....	274,778	6,821	2.5	In 1900.....	6,415,581	2,853,194	44.5
Vermont.....	289,128	10,806	3.7				
Virginia.....	1,536,297	232,911	15.2				
Washington.....	933,556	15,461	1.6				
West Virginia.....	922,822	74,866	8.3				
Wisconsin.....	1,829,811	57,770	3.2				

UNITED STATES LIFE SAVING SERVICE.

The life saving establishment of the United States at the close of the fiscal year ended June 30, 1911, comprised 283 stations, of which 202 were on the Atlantic and gulf coasts, 60 on the coasts of the great lakes, 19 on the Pacific coast and 2 on the Ohio river. The crews numbered in all about 650 men. Statistics of the service for the year ended June 30, 1911, and from Nov. 1, 1871, when the system was established, to June 30, 1911, follow:

	1871.	1871-1911.
Disasters.....	1,461	22,711
Persons involved.....	4,346	152,038
Lives lost.....	87	1,514
Persons succored.....	440	23,555

	1911.	1871-1911.
Days' succor given.....	739	63,438
Value of vessels.....	\$9,865,380	\$220,649,945
Value of cargoes.....	2,123,235	84,371,824
Property involved.....	11,988,615	305,021,769
Property saved.....	10,086,975	245,072,867
Property lost.....	1,901,640	59,948,902

The total number of disasters on the lake coasts in the course of the year ended June 30, 1911, was 529; persons succored at stations, 65; days' succor afforded, 81; value of property involved, \$4,621,095; property saved, \$3,933,265; property lost, \$657,830; lives lost, 4; persons on board, 2,186.

STATISTICS OF POPULATION.

POPULATION OF THE WORLD.

[Based upon the Statesman's Year-Book for 1912 and publications of the bureau of the census.]

BY GRAND DIVISIONS.

EUROPE.

Asia	124,638,566
Africa	911,604,958
Europe	444,008,363
North America	131,668,651
Oceania	53,114,151
South America	50,014,241
Total	1,715,048,930

AFRICA.

Abyssinia (est. 1911)	5,000,000
Anglo-Egyptian Sudan (1911)	2,600,000
British colonies, etc. (1911)	34,999,986
Egypt (1907)	11,287,359
French Africa (1907)	24,576,850
German Africa (est. 1909)	14,120,000
Italian Africa (est. 1908)	450,000
Belgian Congo (est. 1911)	15,000,000
Liberia (1910)	2,120,000
Morocco (1910)	5,000,000
Portuguese Africa (est. 1908)	8,248,527
Spanish Africa (est. 1910)	235,844
Turkish Africa (est. 1910)	1,000,000
Total	124,638,566

ASIA.

Afghanistan (est. 1911)	5,900,000
Bhutan (1909)	250,000
Ceylon (1911)	4,109,054
Cyprus (1911)	273,857
China (1911)	433,553,030
French Indo-China* (1911)	16,598,442
Hongkong (1911)	366,145
India, British (1911)	315,132,537
Japan (1911)	68,147,255
Kiauchau (1911)	168,900
Labuan (1911)	6,546
Malay states (1911)	1,035,923
Nepal (1911)	5,000,000
Oman (1911)	500,000
Persia (1911)	9,500,000
Portuguese Asia (1901)	895,789
Russia in Asia (1910)	24,889,000
Samos (1907)	53,424
Siam (1907)	6,686,846
Straits Settlements (1911)	707,523
Turkey in Asia (1910)	17,683,500
Weihaiwei (1911)	147,177
Total	911,604,958

*Including French India.

Andorra (1901)	5,231
Austria-Hungary (1910)	49,161,766
Belgium (1910)	7,516,730
Bulgaria (1910)	4,329,108
Crete (1904)	310,200
Denmark (1911)	2,775,076
France (1911)	2,601,509
Germany (1910)	64,903,423
Great Britain (1911)	45,613,637
Greece (1909)	2,666,000
Iceland (1910)	85,089
Italy (1911)	34,687,000
Luxemburg (1910)	259,891
Monaco (1909)	19,121
Montenegro (1910)	250,000
Netherlands (1910)	5,945,155
Norway (1910)	2,391,782
Portugal (1907)	5,668,954
Roumania (1910)	6,966,000
Russia (1910)	135,859,400
San Marino (1910)	16,489
Servia (1910)	2,911,701
Spain (1910)	19,588,638
Sweden (1910)	5,521,943
Switzerland (1910)	3,741,971
Turkey (1900)	6,130,200
Total	444,008,363

NORTH AMERICA.

Bahamas (1911)	55,944
Bermuda (1911)	18,994
Canada (1911)	7,204,527
Costa Rica (1910)	379,533
Cuba (1910)	2,220,278
Curacao (1909)	52,741
Danish West Indies (1910)	27,086
French Islands (1907)	397,000
Greenland (1901)	11,893
Guatemala (1910)	1,992,000
Haiti (1908)	2,029,700
Honduras (1910)	553,446
Honduras, British (1911)	40,510
Jamaica (1911)	831,353
Leeward Islands (1911)	127,139
Mexico (1910)	15,063,207
Newfoundland* (1911)	242,966
Nicaragua (1910)	600,000
Panama (1910)	419,029
Porto Rico (1910)	1,118,012
Salvador (1910)	1,700,000

Santo Domingo (1908)	673,611
United States† (1912)	95,880,356
Windward Islands (1911)	329,246

Total 131,656,462
 *Including Labrador. †Including Alaska.

OCEANIA.

Australasian Federation (1911)	4,455,005
Borneo and Sarawak (British, 1910)	700,000
Dutch East Indies (1905)	38,000,000
Fiji Islands (1911)	139,541
Gilbert Islands (1906)	29,475
Guam (1910)	11,973
Hawaii (1910)	191,909
New Caledonia* (1907)	85,800
New Guinea, British (1911)	272,057
New Guinea, German† (1905)	357,800
New Zealand (1911)	1,071,428
Philippine Islands (1903)	7,635,426
Solomon Islands (1905)	150,000
Tonga Islands (1911)	23,737
Total	53,114,151

*Including other French dependencies. †Including Samoan and other German islands in the Pacific.

SOUTH AMERICA.

Argentine Republic (est. 1910)	6,989,023
Bolivia (1910)	2,267,935
Brazil (1908)	21,461,100
Chile (1910)	3,500,000
Colombia (1910)	4,320,000
Ecuador (1910)	1,500,000
Falkland Islands (1911)	2,272
Guiana, British (1911)	296,041
Guiana, French (1907)	27,000
Guiana, Dutch (1910)	85,004
Paraguay (1910)	800,000
Peru (1896)	4,609,999
Trinidad (1911)	330,074
Uruguay (1910)	1,112,000
Venezuela (1911)	2,713,703
Total	50,014,241

POPULATION OF THE UNITED STATES (1910).

The thirteenth census of the United States was taken by the bureau of the census as of April 15, 1910. The total area enumerated included continental United States, the territories of Alaska and Hawaii and Porto Rico. It also included persons in the military and naval service of the government who were stationed abroad. The population according to this division, compared with that in 1900, was:

	1910.	1900.
Alaska	64,356	63,592
Hawaii	191,909	154,001
Porto Rico	1,118,012	*953,243
Soldiers and sailors abroad	55,608	91,219

Noncontiguous territory	1,429,885	1,262,055
Continental United States	31,972,266	75,994,575

United States (area of enumeration) 93,402,151 †77,256,630

*Census of 1899. †Includes 953,243 persons enumerated in Porto Rico in 1899.

Including the population of the Philippines and other possessions, the population living under the American flag in 1910 was as follows:

United States	93,402,151
Philippines (1903)	7,635,426
Guam, estimated	9,000
Samoa, estimated	6,100
Panama canal zone, estimated	50,000
Total	101,102,677

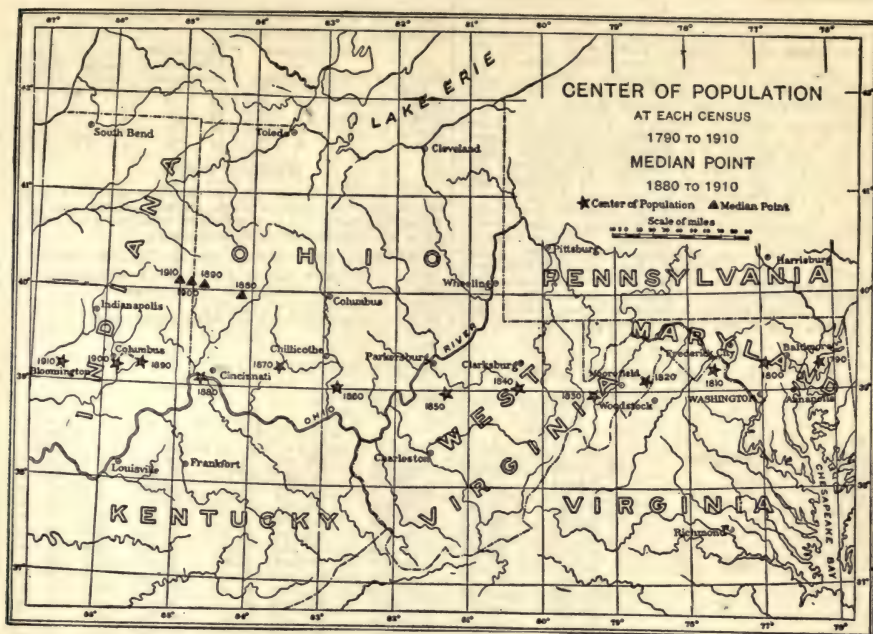
DECENNIAL INCREASE OF POPULATION.

Continental United States.

CENSUS.	Population.	Increase.	Per cent.
1910	91,972,266	15,977,691	21.0
1900	75,994,575	13,046,861	20.7
1890	62,947,714	12,791,931	20.5
1880	50,155,783	11,597,412	30.1
1870	38,515,371	7,115,059	26.6
1860	31,443,321	8,255,445	35.6
1850	23,191,876	6,122,423	35.9
1840	17,069,453	4,203,433	32.7
1830	12,866,020	3,227,567	33.5
1820	9,638,453	2,398,572	33.1
1810	7,239,881	1,931,396	36.4
1800	5,308,483	1,379,269	35.1
1790	3,929,214		

CENTER OF POPULATION AND MEDIAN LINES

The center of population, according to the bureau of the census, may be said to represent the center of the gravity of the population. If the surface of the United States be considered as a rigid plane without weight, capable of sustaining the population distributed thereon, individuals being assumed to be of equal weight, and each, therefore, to exert a pressure on any supporting pivotal point directly proportional to his distance from the point, the pivotal point on which the plane balances would, of course, be its center of gravity, and this is the point referred to by the term "center of popula-



tion" as used by the census bureau in its reports.

The median point, which may be described as the numerical center of population, is in no sense a center of gravity. In determining the median point distance is not taken into account, and the location of the units of population is considered only in relation to the intersecting median lines—as being north or south of the median parallel and east and west of the meridian.

The position of the center of population and its movement during each decade since 1790 is shown in the following table:

MEDIAN LINES.

In connection with the definition of the median point another method of presenting facts with regard to the geographical distribution of the population has been noted, involving the location of median lines. A parallel of latitude is determined which evenly divides the population so that the population north of that parallel is the same as that south. Similarly, a meridian of longitude is determined which divides the population evenly as between east and west. In calculating these median lines it is necessary, in the case of the square degrees of latitude and longitude which are trav-

ersed by the lines themselves, to assume that the population is evenly distributed through these square degrees or to make an estimated adjustment where this is obviously not the case.

The eastern terminus of the median parallel, according to the census of 1910, is on the New Jersey coast near Seagirt. In its course west this line passes through central New Jersey, leaving the state near Burlington and entering Pennsylvania a few miles north of Philadelphia, thence passing through Norristown and continuing through southern Pennsylvania and across the northern extremity of West Virginia, leaving the latter state at a point a few miles north of Wheeling. It nearly bisects Ohio, Indiana and Illinois, crossing about ten miles north of Columbus, O.; twenty-five miles north of Indianapolis, Ind., and about twenty miles north of Springfield, Ill. Through Missouri it runs about thirty miles south of the Iowa and Missouri line, thence passing through Nebraska about ten miles north of its southern boundary, and across the northern part of Colorado, passing about five miles north of Boulder City. Its location in Utah is about forty-five miles south of Salt Lake City.

Census year.	North latitude.			West longitude.			Approximate location by important towns.	Movement in miles during preceding decade.			
	D.	M.	S.	D.	M.	S.		Direct line.	Westward.	Northward.	Southward.
1790....	39	16	30	76	11	12	...23 miles east of Baltimore, Md.....	.....	.....	.....	.....
1800....	39	16	6	76	56	30	...18 miles west of Baltimore, Md.....	40.6	40.6	.....	0.5
1810....	39	11	20	77	37	12	...40 miles northwest by west of Washington, D. C.	36.9	36.5	.....	5.3
1820....	39	5	42	78	33	0	...16 miles north of Woodstock, Va.....	50.5	50.1	.....	6.7
1830....	38	67	54	79	16	54	...19 miles west-southwest of Moorefield, W. Va.*	40.4	39.4	.....	9.0
1840....	39	2	0	80	13	0	...16 miles south of Clarksburg, W. Va.*	55.0	54.3	4.7	.....
1850....	38	59	0	81	19	0	...23 miles southeast of Parkersburg, W. Va.*	54.8	54.7	.....	3.5
1860....	39	0	24	82	43	48	...20 miles south of Chillicothe, O.....	80.6	80.6	1.6	.....
1870....	39	12	0	83	35	42	...43 miles east by north of Cincinnati, O.....	44.1	42.1	13.3	.....
1880....	39	4	8	84	39	40	...8 miles west by south of Cincinnati, O.....	58.1	57.4	.....	9.1
1890....	39	11	56	85	32	53	...20 miles east of Columbus, Ind.....	48.6	47.7	9.0	.....
1900....	39	9	36	85	43	54	...6 miles southeast of Columbus, Ind.....	14.6	14.4	.....	2.8
1910....	39	10	12	86	32	20	...In the city of Bloomington, Ind.....	39.0	38.9	0.8	.....

*West Virginia formed part of Virginia until 1860.

There are no large towns near its course across the northern part of Nevada and California. The western terminus of the median parallel is on the Pacific coast, in Humboldt county, California, about five miles north of Point Delgada and twenty miles south of Cape Mendocino, the point of continental United States extending farthest west.

The median meridian starts at Whitefish point, on the northern peninsula of Michigan, near the eastern end of Lake Superior, thence passing south about twenty-five miles west of Lansing and through Indiana about ten miles west of the Indiana-Ohio boundary and twenty-five miles west of Cincinnati. South of the Ohio river it bisects Kentucky, crosses eastern Tennessee and leaves that state twenty miles east of Chattanooga. Through Georgia it passes close to the Georgia-Alabama line, about two miles west of Columbus, Ga., leaving the state near the intersection of the Alabama, Georgia and Florida boundary lines. It then crosses the northwestern part of Florida and terminates in the Gulf of Mexico at the city of Apalachicola. The follow-

ing table shows the movement of the median lines from 1880 to 1910, inclusive:

Census year.	Median parallel, north latitude.			Median meridian, west longitude.			Movement in miles, median parallel, northward, westward.	
	N.	E.	S.	N.	E.	S.	N.	S.
1880.....	39	57	00	84	7	12	..	..
1890.....	40	2	51	84	40	1	6.6	27.0
1900.....	40	4	22	84	51	29	2.4	10.3
1910.....	40	6	24	84	59	59	2.3	7.5

MEDIAN POINT.

The exact location of the median point is indicated by the median lines already shown; in the following table its approximate location with reference to certain towns is described:

APPROXIMATE LOCATION BY IMPORTANT TOWNS.

1880.....	16 miles nearly due west of Springfield, O.
1890.....	5 miles southwest of Greenville, O.
1900.....	In Spartanburg, Ind.
1910.....	3 miles south of Winchester, Ind.

GROWTH OF POPULATION OF THE UNITED STATES.

[From report of census for 1910.]

States and territories.	1910.	1900.	1890.	Increase		Rank-Number.	Per cent.	Increase		Rank-Number.	Per cent.
				1900 to 1910.	1890 to 1900.			1900 to 1910.	1890 to 1900.		
Alabama	2,138,093	1,828,697	1,513,401	309,396	18.9	315,295	20.8	18	18	18	18
Arizona	232,354	88,243	88,243	81,423	69.2	34,688	39.8	46	47	..	..
Arkansas	1,574,449	1,311,564	1,128,211	262,885	20.0	183,353	16.3	25	25	..	..
California	2,377,549	1,485,053	1,213,398	892,496	60.1	271,655	22.4	12	21	..	..
Colorado	799,024	539,700	412,249	259,324	48.0	126,451	30.6	32	32	..	..
Connecticut	1,114,756	908,420	746,258	206,336	22.7	162,162	21.7	31	29	..	..
Delaware	202,322	184,735	168,493	17,587	9.5	16,242	9.6	47	45	..	..
District of Columbia	331,069	278,718	230,392	52,351	18.8	48,326	21.0	43	41	..	..
Florida	752,619	528,542	391,422	224,077	42.4	137,120	35.0	33	33	..	..
Georgia	2,609,121	2,216,331	1,837,353	392,790	17.7	378,978	20.6	10	11	..	..
Idaho	326,594	161,772	88,548	163,822	101.3	73,224	82.7	45	46	..	..
Illinois	5,638,591	4,821,550	3,826,352	817,041	16.9	995,198	26.0	3	3	..	..
Indiana	2,700,876	2,516,462	2,192,404	154,414	7.3	324,058	14.8	9	8	..	..
Iowa	2,224,771	2,231,853	1,912,297	97,082	0.3	319,556	16.7	15	10	..	..
Kansas	1,290,499	1,470,495	1,428,108	220,564	15.0	42,387	3.0	22	22	..	..
Kentucky	2,289,905	2,147,174	1,858,635	142,731	6.6	288,539	15.5	14	12	..	..
Louisiana	1,656,388	1,381,625	1,118,558	274,763	19.9	253,037	23.5	24	23	..	..
Maine	742,371	694,466	661,086	47,905	6.9	33,386	5.0	34	31	..	..
Maryland	1,295,346	1,188,044	1,042,390	107,302	9.0	145,654	14.0	27	26	..	..
Massachusetts	3,366,416	2,805,346	2,238,947	567,100	20.0	566,399	25.3	6	7	..	..
Michigan	2,810,173	2,420,982	2,093,890	389,191	16.1	327,092	15.6	8	9	..	..
Minnesota	2,075,708	1,751,394	1,310,283	324,514	18.5	441,111	33.7	19	19	..	..
Mississippi	1,797,114	1,551,270	1,289,600	245,844	15.8	261,670	20.3	21	20	..	..
Missouri	3,298,335	3,106,665	2,679,185	184,670	6.0	427,480	16.0	7	5	..	..
Montana	376,053	243,329	142,924	132,724	54.5	100,405	70.3	40	43	..	..
Nebraska	1,192,214	1,066,300	1,062,656	125,944	11.8	3,644	0.3	29	27	..	..
Nevada	81,875	42,335	47,355	39,540	93.3	75,020	110.6	49	49	..	..
New Hampshire	430,572	411,583	376,530	39,854	4.6	35,058	9.3	39	37	..	..
New Jersey	2,580,572	1,882,669	1,144,933	653,498	34.7	438,736	30.4	11	15	..	..
New Mexico	327,301	195,310	160,282	131,991	67.6	35,023	19.9	44	44	..	..
New York	9,113,614	7,268,894	6,003,174	1,844,720	25.4	1,265,720	21.1	1	1	..	..
North Carolina	2,206,287	1,893,810	1,617,949	312,477	16.5	275,861	17.1	16	15	..	..
North Dakota	577,056	319,146	190,983	257,910	80.8	128,163	67.1	37	40	..	..
Ohio	4,767,121	4,157,545	3,672,329	609,576	14.7	485,216	13.2	4	4	..	..
Oklahoma	1,657,155	790,391	258,657	866,784	109.7	531,734	205.6	23	30	..	..
Oregon	672,765	413,536	317,704	259,229	62.7	95,832	30.2	35	36	..	..
Pennsylvania	7,665,111	6,302,115	5,258,113	1,352,996	21.6	1,044,002	19.9	2	2	..	..
Rhode Island	542,610	428,556	345,506	114,054	26.6	83,050	24.0	38	35	..	..
South Carolina	1,515,400	1,340,316	1,151,149	175,084	13.1	189,167	16.4	26	24	..	..
South Dakota	583,888	461,570	348,600	182,318	46.4	52,979	15.2	36	33	..	..
Tennessee	2,184,789	2,020,616	1,767,518	184,173	8.1	251,093	14.3	17	14	..	..
Texas	3,962,542	3,048,710	2,255,527	847,832	27.8	813,183	36.4	5	6	..	..
Utah	373,351	276,749	210,779	96,602	34.9	65,970	31.3	41	42	..	..
Vermont	355,956	343,641	332,422	12,315	3.6	11,219	3.4	42	39	..	..
Virginia	2,061,612	1,854,184	1,655,980	207,428	11.2	198,204	12.0	20	17	..	..
Washington	1,141,990	518,103	357,232	623,887	120.4	160,871	45.0	30	34	..	..
West Virginia	1,121,119	958,800	762,754	262,319	27.4	196,006	25.7	28	28	..	..
Wisconsin	2,333,860	2,069,042	1,693,330	264,818	12.8	375,712	22.2	13	13	..	..
Wyoming	145,965	92,531	62,555	83,434	67.8	29,976	47.9	48	48	..	..
Continental United States.	91,972,266	75,994,576	62,947,714	15,947,691	21.0	13,046,861	20.7	..	..	..	..
Alaska	64,356	63,592	32,052	764	1.2	31,540	98.4	..	..	..	..
Hawaii	191,939	154,001	89,990	87,908	24.6	84,011	71.1	..	..	..	..
Porto Rico	1,113,012	953,769	..	164,769	17.3	..	..	..	..	..	..
†Total United States	93,346,543	77,195,937	63,009,756	16,151,792	20.9	13,142,412	22.7	..	..	..	..

*Decrease. †In 1899. ‡Does not include soldiers and sailors stationed abroad.

POPULATION OF THE UNITED STATES AT EACH CENSUS (1850-1910).

[From the reports of the superintendents of the census.]

STATE OR TERRITORY.	1910.	1900.	1890.	1880.	1870.	1860.	1850.
Alabama	18 2,138,066	18 1,828,697	17 1,513,017	17 1,262,505	16 966,962	13 964,201	12 771,623
Arkansas	25 1,574,449	25 1,311,564	24 1,128,179	25 802,525	24 484,171	25 455,430	26 269,597
California	13 3,777,549	21 4,853,653	22 3,308,130	24 864,934	24 560,247	26 879,694	29 92,597
Colorado	32 759,024	31 539,700	31 412,198	35 194,327	39 89,464	34 84,277	21 370,792
Connecticut	81 1,114,756	29 908,420	29 746,258	28 622,700	25 587,454	24 460,147	21 370,792
Delaware	44 202,322	42 184,735	41 168,498	37 146,608	34 126,015	32 112,216	30 91,532
Florida	33 752,619	32 628,542	32 391,422	34 269,493	31 187,748	31 140,424	31 87,445
Georgia	20 2,609,121	11 2,216,331	12 1,837,353	13 1,542,180	12 1,184,109	11 1,057,286	9 906,185
Idaho	43 325,944	43 161,772	43 84,355	43 3,077,871	43 2,380,801	43 1,791,982	43 891,470
Illinois	3 5,698,591	3 4,921,550	3 3,626,361	3 3,077,871	3 2,380,801	3 1,791,982	3 891,470
Indiana	9 2,700,576	8 2,316,469	8 2,192,404	6 1,978,301	6 1,680,637	6 1,350,498	7 988,416
Iowa	15 2,294,741	10 2,231,853	10 1,911,896	10 1,624,615	11 1,194,020	20 674,913	27 192,214
Kansas	22 1,690,949	22 1,470,495	19 1,427,096	20 566,150	29 364,399	33 107,206	38 982,405
Kentucky	14 2,289,905	12 2,147,174	11 1,858,635	8 1,648,690	8 1,321,011	9 1,155,684	8 982,405
Louisiana	24 1,656,388	23 1,381,625	25 1,118,587	22 939,946	21 726,915	17 708,002	18 517,762
Maine	34 742,371	30 694,466	30 661,089	27 648,396	23 626,915	22 628,279	16 583,169
Maryland	27 1,235,346	26 1,188,044	27 1,042,390	23 934,943	21 726,915	19 687,049	17 583,034
Massachusetts	6 3,366,416	7 2,895,346	8 2,538,943	7 1,783,085	7 1,457,551	7 1,251,066	6 994,514
Michigan	8 2,810,173	9 2,420,982	9 2,040,889	9 1,686,337	15 1,184,053	16 749,113	20 397,054
Minnesota	19 2,075,708	19 1,751,394	20 1,301,826	23 780,773	28 439,706	30 172,023	33 6,077
Mississippi	21 1,797,114	20 1,551,270	21 1,289,600	18 1,181,597	18 827,922	14 791,305	15 606,526
Missouri	7 3,263,335	5 3,106,965	5 2,679,184	5 2,168,380	5 1,721,295	8 1,182,012	13 682,044
Montana	40 376,053	41 245,329	42 132,159	40 452,402	35 122,993	35 28,841	35 28,841
Nebraska	29 1,192,214	27 1,096,300	26 1,058,910	30 452,402	35 122,993	35 28,841	35 28,841
Nevada	46 81,875	45 42,335	45 45,761	38 62,296	37 42,491	36 6,857	36 6,857
New Hampshire	39 430,672	36 411,589	33 376,590	31 346,991	31 318,300	27 326,073	22 317,976
New Jersey	11 2,537,167	16 1,885,039	15 1,444,968	19 1,151,116	17 906,093	21 672,095	19 459,555
New York	1 9,113,614	1 7,283,894	1 5,997,853	1 5,082,871	1 4,322,759	1 3,880,735	1 3,880,735
North Carolina	18 2,206,287	15 1,893,810	16 1,617,947	15 1,369,774	14 1,671,361	12 992,622	10 869,039
North Dakota	37 577,056	39 319,146	38 182,719	38 182,719	38 182,719	38 182,719	38 182,719
Ohio	4 4,767,121	4 4,157,545	4 3,672,316	3 3,198,062	3 2,665,260	3 2,339,511	3 1,980,329
Oklahoma	23 1,657,155	23 1,657,155	23 1,657,155	23 1,657,155	23 1,657,155	23 1,657,155	23 1,657,155
Oregon	35 672,765	35 413,536	38 313,767	36 174,768	36 90,925	34 52,465	32 13,294
Pennsylvania	2 7,965,111	2 6,902,115	2 5,258,014	2 4,282,891	2 3,621,951	2 2,906,215	2 2,311,786
Rhode Island	38 542,610	34 428,550	35 345,506	33 276,531	32 217,353	29 174,620	25 147,545
South Carolina	26 1,615,400	24 1,340,516	21 1,151,149	21 966,577	22 756,096	18 703,708	14 688,507
South Dakota	36 583,888	37 401,570	37 328,808	37 328,808	37 328,808	37 328,808	37 328,808
Tennessee	17 2,184,789	13 2,020,616	13 1,767,518	12 1,542,359	9 1,258,520	10 1,109,801	5 1,002,717
Texas	5 3,836,542	6 3,048,710	7 2,235,523	11 1,591,749	19 818,579	23 604,215	25 212,592
Utah	41 373,351	40 276,749	40 207,905	42 332,286	40 330,551	28 315,098	23 314,121
Vermont	42 355,956	38 343,641	36 332,422	32 332,286	30 330,551	28 315,098	23 314,121
Virginia	20 2,061,612	17 1,854,184	15 1,655,980	14 1,512,565	10 1,225,163	5 1,096,318	4 1,121,661
Washington	30 1,141,900	33 518,103	34 349,300	34 349,300	34 349,300	34 349,300	34 349,300
West Virginia	28 1,221,112	28 558,390	28 762,794	29 618,457	27 442,014	27 442,014	27 442,014
Wisconsin	13 2,383,860	14 2,069,042	14 1,636,880	16 1,315,497	15 1,054,670	15 776,881	24 395,391
Wyoming	45 145,965	44 92,531	44 60,705	44 60,705	44 60,705	44 60,705	44 60,705
The states...	91,109,542	74,610,623	62,116,811	49,371,340	38,155,505	31,218,021	23,067,262
Alaska	5 64,356	7 63,592	7 63,592	7 63,592	7 63,592	7 63,592	7 63,592
Arizona	3 204,554	6 122,361	4 59,620	6 40,440	8 9,658	5 4,897	5 4,897
Dakota	1 381,063	3 278,718	1 230,392	3 177,377	1 137,700	1 137,700	2 51,687
District of Columbia	4 191,909	5 154,001	5 154,001	5 154,001	5 154,001	5 154,001	5 154,001
Hawaii	4 191,909	5 154,001	5 154,001	5 154,001	5 154,001	5 154,001	5 154,001
Idaho	43 325,944	43 161,772	43 84,355	43 3,077,871	43 2,380,801	43 1,791,982	43 891,470
Indian Territory	2 327,301	4 195,510	2 153,593	4 119,565	5 20,595	1 93,516	1 61,547
Montana	1 381,063	3 278,718	1 230,392	3 177,377	1 137,700	1 137,700	2 51,687
New Mexico	2 327,301	4 195,510	2 153,593	4 119,565	5 20,595	1 93,516	1 61,547
Oklahoma	1 381,063	3 278,718	1 230,392	3 177,377	1 137,700	1 137,700	2 51,687
In service of U. S.	55,608	91,219	91,219	91,219	91,219	91,219	91,219
Stationed abroad	55,608	91,219	91,219	91,219	91,219	91,219	91,219
Utah	41 373,351	40 276,749	40 207,905	42 332,286	40 330,551	28 315,098	23 314,121
Washington	30 1,141,900	33 518,103	34 349,300	34 349,300	34 349,300	34 349,300	34 349,300
Wyoming	45 145,965	44 92,531	44 60,705	44 60,705	44 60,705	44 60,705	44 60,705
Porto Rico	1,118,012	1,118,012	1,118,012	1,118,012	1,118,012	1,118,012	1,118,012
The territories	2,232,609	1,604,943	505,439	784,443	402,366	225,300	124,614
United States	93,402,151	76,303,567	62,622,250	50,155,783	38,588,371	31,443,321	23,191,876
Percent of gain...	20.9	21	21.9	30.08	22.65	35.58	35.86

NOTE.—The narrow column under each census year shows the order of the states and territories when arranged according to magnitude of population.

INDIAN RESERVATIONS AND POPULATION.

State.	Acres.	Popu-lation.	State.	Acres.	Popu-lation.	State.	Acres.	Popu-lation.
Arizona	19,288,177	39,216	Montana	5,555,582	10,814	South Dakota	2,200,674	20,352
California	364,743	16,369	Nebraska	5,146	3,992	Texas	...	7,605
Colorado	433,930	841	Nevada	6,246	1,307	Utah	...	1,307
Florida	...	448	New Mexico	1,866,840	20,909	Washington	2,367,420	10,997
Idaho	481,518	3,791	New York	87,677	5,438	Wisconsin	804,309	11,423
Iowa	3,251	869	North Carolina	68,211	2,015	Wyoming	93,307	1,692
Kansas	1,364	1,309	North Dakota	3,701,724	8,253	Miscellaneous	...	728
Michigan	828	7,520	Oklahoma	3,191,752	117,247			
Minnesota	582,671	10,711	Oregon	1,212,545	6,403	Total	40,262,095	307,913

POPULATION OF THE UNITED STATES AT EACH CENSUS (1790-1840).

[From the reports of the superintendents of the census.]

STATE OR TERRITORY.	1840.	1830.	1820.	1810.	1800.	1790.
Alabama.....	12 590,756	15 309,527	19 127,901	.....	.....	.....
Arkansas.....	25 97,574	27 30,388	25 14,273	.....	.....	.....
California.....	.....	.....	.....	.....	.....	.....
Colorado.....	.....	.....	.....	.....	.....	.....
Connecticut.....	20 809,978	16 297,675	14 275,248	9 261,542	8 251,002	8 237,964
Delaware.....	26 78,085	24 76,748	22 72,749	19 72,674	17 64,273	16 69,096
Florida.....	27 64,477	25 64,730	.....	.....	.....	.....
Georgia.....	9 691,322	10 516,823	11 340,989	11 259,458	12 102,881	13 82,548
Idaho.....	.....	.....	.....	.....	.....	.....
Illinois.....	14 476,188	20 157,445	24 55,211	23 12,232	.....	.....
Indiana.....	10 685,866	13 343,031	18 147,178	21 24,520	20 5,641	.....
Iowa.....	28 43,112	.....	.....	.....	.....	.....
Kansas.....	.....	.....	.....	.....	.....	.....
Kentucky.....	6 779,828	6 687,917	6 564,317	7 406,511	9 220,955	14 73,677
Louisiana.....	19 324,139	19 215,789	17 153,407	18 76,556	.....	.....
Maine.....	13 501,738	12 339,455	12 298,335	14 228,705	14 151,719	11 96,540
Maryland.....	13 470,019	11 447,040	10 407,350	8 380,546	7 341,548	8 319,728
Massachusetts.....	8 737,699	8 610,408	7 523,287	5 472,040	5 422,845	4 378,787
Michigan.....	23 212,267	26 31,639	26 8,765	24 4,762	.....	.....
Minnesota.....	.....	.....	.....	.....	.....	.....
Mississippi.....	17 375,651	22 136,621	21 75,448	20 40,352	19 8,850	.....
Missouri.....	16 883,703	21 140,455	23 66,586	22 20,845	.....	.....
Montana.....	.....	.....	.....	.....	.....	.....
Nebraska.....	.....	.....	.....	.....	.....	.....
Nevada.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	22 284,574	18 269,328	15 244,161	16 214,460	11 183,856	10 141,885
New Jersey.....	18 373,306	14 320,823	13 277,575	12 245,562	10 211,149	9 184,139
New York.....	1 2,428,921	1 1,918,608	1 1,372,812	2 958,049	3 589,051	5 840,120
North Carolina.....	7 758,419	5 737,987	4 638,829	4 555,500	3 478,103	3 393,751
North Dakota.....	.....	.....	.....	.....	.....	.....
Ohio.....	3 1,519,467	4 967,903	5 681,434	13 230,760	18 45,368	.....
Oregon.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	2 1,724,033	2 1,348,233	3 1,049,438	3 810,091	3 602,365	2 484,373
Rhode Island.....	24 108,830	23 97,199	20 83,059	17 76,931	16 69,122	15 68,825
South Carolina.....	11 594,398	9 581,185	8 502,741	6 415,115	6 345,591	7 249,073
South Dakota.....	.....	.....	.....	.....	.....	.....
Tennessee.....	5 829,210	7 681,904	9 422,823	10 261,727	15 105,602	17 35,691
Texas.....	21 291,948	17 280,652	16 235,965	15 235,981	13 154,465	12 85,425
Vermont.....	4 1,239,797	3 1,211,406	2 1,065,906	1 974,900	1 890,300	1 747,610
Washington.....	.....	.....	.....	.....	.....	.....
West Virginia.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	29 39,945	.....	.....	.....	.....	.....
Wyoming.....	.....	.....	.....	.....	.....	.....
The states.....	17,019,641	12,820,868	9,600,783	7,215,858	5,294,300	.....
Alaska.....	.....	.....	.....	.....	.....	.....
Arizona.....	.....	.....	.....	.....	.....	.....
Dakota.....	.....	.....	.....	.....	.....	.....
District of Columbia.....	1 43,712	1 39,834	1 33,039	1 24,023	1 14,093	.....
Idaho.....	.....	.....	.....	.....	.....	.....
Indian Territory.....	.....	.....	.....	.....	.....	.....
Montana.....	.....	.....	.....	.....	.....	.....
New Mexico.....	.....	.....	.....	.....	.....	.....
Oklahoma.....	.....	.....	.....	.....	.....	.....
Utah.....	.....	.....	.....	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....
Wyoming.....	.....	.....	.....	.....	.....	.....
The territories.....	43,712	39,834	33,039	24,023	14,093	.....
On public ships in service of	.....	.....	.....	.....	.....	.....
United States.....	6,100	5,318	.....	.....	.....	.....
United States.....	17,069,453	12,866,020	9,638,453	7,239,881	5,308,483	3,929,214
Percent of gain.....	32.67	33.55	33.06	36.38	35.10	.....

NOTE—The narrow column under each census year shows the order of the states and territories when arranged according to magnitude of population.

POPULATION OF HAWAIIAN ISLANDS.

Island.	1910.	1900.	1890.
The territory.....	191,909	154,001	89,990
Kauai and Niihau islands.....	23,952	20,734	11,859
Oahu island (including Honolulu district).....	82,028	53,504	31,194
Hawaii island.....	55,332	46,843	26,754
Kelawao island.....	755	1,777	.....
Kahoolawe, Lanai, Maui and Molokai islands.....	29,762	26,743	.....

PORTO RICO POPULATION STATISTICS.

	1910.	1899.
Territory of Porto Rico.....	1,118,012	953,242
San Juan city.....	48,716	32,044
Ponce city.....	35,027	27,952
Mayaguez city.....	16,591	15,187
Caguas city.....	10,354	5,450
Arecibo city.....	9,612	8,008
Guayama city.....	8,321	5,334

DISTRIBUTION BY GEOGRAPHIC DIVISIONS.

Per cent of total population of continental United States in each of the nine geographic divisions:					Division.				
Division.	1910.	1900.	1890.	1850.	South Atlantic.....	1910.	1900.	1890.	1850.
New England.....	7.4	7.4	7.5	11.8	East South Central.....	9.1	9.9	10.1	20.2
Middle Atlantic.....	21.0	20.3	20.2	25.4	West South Central.....	9.6	8.6	7.5	4.1
East North Central.....	19.8	21.0	21.4	19.5	Mountain.....	2.9	2.2	1.9	0.3
West North Central.....	12.7	13.6	14.2	3.8	Pacific.....	4.6	3.2	3.0	0.5
					United States.....	100.0	100.0	100.0	100.0

POPULATION BY SEX (1910).

State.	Male.	Female.	State.	Male.	Female.	State.	Male.	Female.
Alabama.....	1,074,209	1,063,884	Minnesota.....	1,108,511	967,197	Utah.....	196,857	176,494
Arizona.....	118,582	85,772	Mississippi.....	905,761	891,353	Vermont.....	182,568	173,388
Arkansas.....	810,025	764,424	Missouri.....	1,687,838	1,605,497	Virginia.....	1,035,348	1,026,264
California.....	1,322,973	1,054,576	Montana.....	226,866	149,187	Washington.....	658,650	483,340
Colorado.....	430,697	368,327	Nebraska.....	627,782	564,432	West Virginia.....	644,044	577,075
Connecticut.....	563,641	551,115	Nevada.....	52,551	23,324	Wisconsin.....	1,208,541	1,125,319
Delaware.....	103,435	98,887	New Hampshire.....	216,290	214,283	Wyoming.....	91,666	84,239
Dist. Columbia.....	158,050	173,019	New Jersey.....	1,286,463	1,250,704	Total.....	47,332,122	44,640,144
Florida.....	394,166	358,453	New Mexico.....	175,245	152,056			
Georgia.....	1,305,019	1,304,102	New York.....	4,584,581	4,529,033			
Idaho.....	185,546	140,048	North Carolina.....	1,098,471	1,107,816			
Illinois.....	2,911,653	2,726,938	North Dakota.....	317,554	265,502			
Indiana.....	1,383,293	1,317,577	Ohio.....	2,434,765	2,332,356			
Iowa.....	1,148,171	1,076,600	Oklahoma.....	881,573	775,582			
Kansas.....	885,912	805,037	Oregon.....	384,255	288,510			
Kentucky.....	1,161,709	1,128,196	Pennsylvania.....	3,942,137	3,722,974			
Louisiana.....	835,275	821,113	Rhode Island.....	270,251	272,251			
Maine.....	377,053	365,313	South Carolina.....	751,842	763,558			
Maryland.....	644,225	651,121	South Dakota.....	317,101	266,787			
Massachusetts.....	1,655,226	1,711,190	Tennessee.....	1,103,491	1,081,298			
Michigan.....	1,454,534	1,355,639	Texas.....	2,017,612	1,878,930			

BY GEOGRAPHIC DIVISIONS.

New England.....	3,265,137	3,287,544
Middle Atlantic.....	9,813,181	9,502,711
East North Cent.....	9,393,792	8,857,829
West North Cent.....	6,092,869	5,645,052
South Atlantic.....	6,134,600	6,080,295
East South Cent.....	4,245,170	4,164,731
West South Cent.....	4,544,485	4,240,049
Mountain.....	1,478,010	1,155,507
Pacific.....	2,365,878	1,826,426

MALES OF VOTING AGE (21 YEARS AND OVER).

[From report of federal census bureau, 1912.]

Native white—	1910.	1900.	Per cent.	Negro	1910.	1900.	Per cent.
	1910.	1900.	1910. 1900.		1910.	1900.	1910. 1900.
Native parentage.....	13,211,731	10,569,743	48.9 50.0	All other.....	2,459,327	2,060,302	9.1 9.7
Foreign or mixed parentage.....	4,498,966	3,444,684	16.7 16.3		182,521	155,300	0.7 0.7
Foreign born white.....	6,646,606	4,904,270	24.6 23.2	Total.....	26,999,151	21,134,299	
Naturalized.....	3,035,333	2,345,473	45.7 58.0	Per cent of total population.....	29.4	27.8	
First papers taken out.....	570,588	411,898	8.6 8.4				
Alien.....	2,265,121	914,917	34.1 18.7				
Unknown.....	775,564	731,982	11.7 14.9				

*Indians, Chinese, Japanese and other Asiatics.

MALES OF VOTING AGE BY STATES (1910).

State.	Native white.		Foreign born white.		Negroes.
	Native parentage.	Foreign parentage.†	Total.	Naturalized.	
Maine.....	235,727	159,769	48,464	14,994	1,490
New Hampshire.....	136,668	76,639	41,956	16,415	1,421
Vermont.....	113,506	69,387	39,367	10,811	1,164
Massachusetts.....	1,021,669	334,846	453,601	189,126	30,016
Rhode Island.....	163,834	48,513	75,899	32,040	5,314
Connecticut.....	347,692	119,751	69,473	153,168	8,909
New York.....	2,836,773	909,494	652,864	1,221,023	131,085
New Jersey.....	774,702	281,269	153,926	309,648	128,438
Pennsylvania.....	2,309,026	1,129,412	371,575	741,610	248,827
Ohio.....	1,484,265	841,556	294,443	308,478	142,465
Indiana.....	822,434	596,119	116,385	88,927	42,533
Illinois.....	1,743,182	689,200	407,318	604,524	317,339
Michigan.....	870,876	337,651	222,394	302,177	168,634
Wisconsin.....	683,743	148,636	261,963	269,237	142,848
Minnesota.....	642,669	135,494	203,127	298,282	179,187
Iowa.....	663,672	333,621	177,413	146,795	90,560
Missouri.....	973,062	630,878	167,198	121,404	65,512
North Dakota.....	173,860	43,358	45,862	79,721	46,626
South Dakota.....	173,860	62,425	64,528	32,495	8,020
Nebraska.....	353,626	168,559	86,011	94,345	57,270
Kansas.....	508,529	333,443	82,534	73,905	39,142
Delaware.....	61,887	37,677	6,351	8,776	3,707
Maryland.....	367,908	203,264	52,304	47,973	24,256
District of Columbia.....	103,761	49,949	14,078	11,738	6,474
Virginia.....	523,532	338,098	10,679	14,882	6,411
West Virginia.....	338,349	264,694	16,117	34,687	7,268
North Carolina.....	506,134	252,032	2,283	3,296	1,439
South Carolina.....	335,046	159,009	3,405	3,355	1,602
Georgia.....	620,616	337,267	7,789	8,513	4,023
Florida.....	214,195	99,203	7,663	17,445	5,959
Kentucky.....	603,454	464,524	45,697	20,440	13,225
Tennessee.....	552,668	411,200	12,119	10,112	5,444
Alabama.....	513,111	279,957	8,465	10,521	4,736
Mississippi.....	426,953	181,441	6,065	5,235	2,445

State.	Total.*	Native white.		Foreign born white.		First papers.	Negroes.
		Native parentage.	Foreign parentage.†	Total.	Naturalized.		
Arkansas	395,824	263,215	11,368	9,718	5,284	595	111,365
Louisiana	414,919	179,778	33,704	26,543	10,024	1,171	174,211
Oklahoma	447,206	343,399	23,427	23,551	12,074	1,477	36,841
Texas	1,003,357	642,464	81,346	112,163	43,393	6,832	166,393
Montana	155,017	69,657	29,763	59,313	27,635	6,749	851
Idaho	110,863	58,978	22,647	25,844	12,817	2,478	328
Wyoming	63,201	30,706	10,729	18,285	6,897	1,937	1,325
Colorado	271,648	147,268	46,821	70,514	35,245	6,536	4,283
New Mexico	94,637	69,289	6,942	12,502	4,267	709	644
Arizona	74,051	28,752	10,663	25,682	5,912	1,113	765
Utah	104,115	22,979	34,805	32,665	15,351	2,416	568
Nevada	40,026	16,219	8,646	12,767	5,606	1,282	229
Washington	441,294	199,779	75,676	147,264	68,896	15,258	3,120
Oregon	257,183	141,266	40,163	63,909	29,675	7,591	792
California	920,397	367,783	181,058	297,457	37,275	27,708	8,143

Total 26,999,151 13,211,731 4,498,966 6,646,606 3,035,333 570,588 2,459,327

*Includes aliens, unknown and colored, except negroes. †One or both parents foreign born.

MALES OF VOTING AGE IN CITIES (1910).

City.	Total.	Negro.
New York, N. Y.	1,433,749	30,855
Chicago, Ill.*	700,590	17,845
Philadelphia, Pa.	468,813	23,120
St. Louis, Mo.	221,913	16,381
Boston, Mass.	208,321	5,070
Cleveland, O.	177,386	3,298
Baltimore, Md.	163,554	26,214
Pittsburgh, Pa.	166,424	9,362
Detroit, Mich.	150,017	2,224
Buffalo, N. Y.	128,133	740
San Francisco, Cal.	175,951	831
Milwaukee, Wis.	113,106	396
Cincinnati, O.	113,919	7,387
Newark, N. J.	103,234	3,015
New Orleans, La.	96,997	25,269
Washington, D. C.	103,761	27,621
Los Angeles, Cal.	114,889	2,571
Minneapolis, Minn.	105,308	1,227
Jersey City, N. J.	80,866	2,104
Kansas City, Mo.	87,457	9,101
Seattle, Wash.	101,685	305
Indianapolis, Ind.	76,743	7,556
Providence, R. I.	68,983	1,765
Louisville, Ky.	67,676	13,687
Rochester, N. Y.	69,564	305
St. Paul, Minn.	72,073	1,573
Denver, Col.	71,980	1,999
Portland, Ore.	68,988	526
Columbus, O.	60,892	928
Toledo, O.	52,748	719
Atlanta, Ga.	44,510	13,865
Oakland, Cal.	53,967	1,323
Worcester, Mass.	45,601	384
Syracuse, N. Y.	44,713	437
New Haven, Conn.	40,510	1,191
Birmingham, Ala.	40,699	16,441
Memphis, Tenn.	44,309	17,238
Scranton, Pa.	37,059	216
Richmond, Va.	37,204	13,279
Paterson, N. J.	36,873	453
Omaha, Neb.	43,216	1,885
Fall River, Mass.	31,367	133
Dayton, O.	38,256	1,781
Grand Rapids, Mich.	34,285	264
Nashville, Tenn.	30,774	9,713
Lowell, Mass.	31,300	44
Cambridge, Mass.	30,262	1,334
Spokane, Wash.	40,254	305
Bridgeport, Conn.	32,991	471
Albany, N. Y.	32,000	379

*Of the native white males of voting age in Chicago in 1910, 125,703 were of native parentage and 175,397 of foreign or mixed parentage. Of the foreign born whites of voting age 190,693 were naturalized and 189,157 were not naturalized.

POPULATION (WHITE) BY NATIVITY AND PARENTAGE.

State.	Parentage.		Foreign born.
	Native.	Foreign.	
Alabama	1,177,457	32,946	18,946
Arizona	82,480	42,175	46,844
Arkansas	1,077,509	36,608	16,913
California	1,106,533	635,970	517,319

State.	Parentage.		Foreign born.
	Native.	Foreign.	
Colorado	475,136	181,432	126,971
Connecticut	395,649	374,546	328,737
Delaware	127,809	25,873	17,421
District of Columbia	166,711	45,066	24,351
Florida	373,967	35,828	33,861
Georgia	1,391,058	25,677	15,081
Idaho	203,694	75,254	40,444
Illinois	2,690,565	1,724,489	1,201,928
Indiana	2,190,168	350,747	190,113
Iowa	1,302,526	632,182	273,388
Kansas	1,207,087	292,077	134,719
Kentucky	1,863,157	124,775	40,023
Louisiana	776,569	112,728	51,828
Maine	494,918	135,138	109,911
Maryland	766,628	191,841	104,176
Massachusetts	1,103,361	1,170,793	1,050,899
Michigan	1,224,841	965,217	595,200
Minnesota	575,081	941,315	542,857
Mississippi	891,353	757,233	19,495
Missouri	2,387,909	518,341	228,695
Montana	162,129	106,811	91,647
Nebraska	642,075	362,353	175,883
Nevada	35,313	20,956	18,102
New Hampshire	230,231	103,118	96,560
New Jersey	1,009,809	777,859	658,159
New Mexico	255,609	22,331	22,662
New York	3,230,154	3,007,507	2,729,260
North Carolina	1,485,705	8,855	5,953
North Dakota	162,461	251,256	156,138
Ohio	3,033,275	1,024,377	597,255
Oklahoma	1,310,403	94,044	40,088
Oregon	416,851	135,241	103,002
Pennsylvania	4,222,616	1,806,392	1,438,752
Rhode Island	159,821	194,646	178,031
South Carolina	661,970	11,188	6,054
South Dakota	245,665	217,478	100,628
Tennessee	1,654,606	38,367	18,460
Texas	2,602,953	361,926	240,012
Utah	171,671	131,627	63,404
Vermont	229,382	75,055	49,861
Virginia	1,325,238	37,943	24,628
Washington	585,401	282,529	261,227
West Virginia	1,042,107	57,638	57,072
Wisconsin	763,224	1,044,764	512,669
Wyoming	80,711	32,497	27,165

Total 49,488,441 18,900,663 13,343,587

URBAN AND RURAL POPULATION.

The census bureau classifies as urban population that residing in cities and other incorporated places of 2,500 inhabitants or more. The proportion of the total population of continental United States living in urban and rural territory at the censuses of 1910 and 1900 was as follows:

	1910.		1900.	
	Population.	Pr. ct. Population.	Pr. ct. Population.	Pr. ct.
Urban	42,623,383	46.3	30,797,185	40.5
Rural	49,348,883	53.7	45,197,390	59.5

Total 91,972,266 100.0 75,994,575 100.0

In 1890 the per cent of urban population was 36.1 and of the rural, 63.9; in 1880 the urban was 29.5 and the rural, 70.5.

By geographic divisions the per cent of urban and rural population in 1910 was as follows:

Division	Total	Urban	Rural
New England.....	7.1	32.8	2.2
Middle Atlantic.....	21.0	12.2	11.3
East North Central.....	19.8	22.6	17.5
West North Central.....	12.7	9.1	15.7
South Atlantic.....	13.3	7.3	18.4
East South Central.....	9.1	3.7	13.9
West South Central.....	9.6	4.6	13.8
Mountain.....	2.9	2.2	3.4
Pacific.....	4.6	5.6	3.7

Total.....100.0 100.0 100.0

By states the urban and rural population in 1910 was as follows:

State	Urban	Rural	Urban	Rural
Maine.....	381,443	360,928	51.4	48.6
New Hampshire.....	255,099	175,473	59.2	40.8
Vermont.....	168,943	187,013	47.5	52.5
Massachusetts.....	3,125,367	241,049	92.8	7.2
Rhode Island.....	524,654	17,956	96.7	3.3
Connecticut.....	999,339	114,917	89.7	10.3
New York.....	7,185,494	1,928,120	78.8	21.2
New Jersey.....	1,907,210	629,957	75.2	24.8
Pennsylvania.....	4,630,669	3,034,442	60.4	39.6
Ohio.....	2,665,143	2,101,978	55.9	44.1
Indiana.....	1,419,342	1,557,041	42.4	57.6
Illinois.....	3,476,929	2,161,662	61.7	38.3
Michigan.....	1,327,044	1,483,129	47.2	52.8
Wisconsin.....	1,004,320	1,329,540	43.0	57.0
Minnesota.....	850,294	1,225,414	41.0	59.0
Iowa.....	680,054	1,544,717	30.6	69.4
Missouri.....	1,398,817	1,894,518	42.5	57.5
North Dakota.....	63,236	513,820	11.0	89.0
South Dakota.....	76,673	507,215	13.1	86.9
Nebraska.....	310,852	881,362	26.1	73.9
Kansas.....	493,790	1,197,159	29.2	70.8
Delaware.....	97,085	105,237	48.0	52.0
Maryland.....	658,192	637,154	50.8	49.2
District of Columbia	331,069	.....	100.0	.....
Virginia.....	476,529	1,051,053	23.1	76.9
West Virginia.....	129,342	999,677	18.7	81.3
North Carolina.....	318,474	1,837,813	14.4	85.6
South Carolina.....	224,832	2,290,568	14.8	85.2
Georgia.....	538,650	1,070,471	20.6	79.4
Florida.....	219,080	533,539	29.1	70.9
Kentucky.....	555,442	1,734,463	24.3	75.7
Tennessee.....	441,045	1,743,744	20.2	79.8
Alabama.....	370,431	1,767,662	17.3	82.7
Mississippi.....	207,311	1,589,803	11.5	88.5
Arkansas.....	202,681	1,371,768	12.9	87.1
Louisiana.....	496,516	1,159,872	30.0	70.0
Oklahoma.....	320,155	1,937,000	19.3	80.7
Texas.....	938,104	2,958,438	24.1	75.9
Montana.....	133,420	242,633	35.5	64.5
Idaho.....	69,898	255,696	21.5	78.5
Wyoming.....	43,221	492,744	29.6	70.4
Colorado.....	408,840	394,134	50.7	49.3
New Mexico.....	46,571	280,730	14.2	85.8
Arizona.....	63,260	141,094	31.0	69.0
Utah.....	172,934	200,417	46.3	53.7
Nevada.....	13,367	68,508	16.3	83.7
Washington.....	605,530	536,460	53.0	47.0
Oregon.....	307,060	365,705	45.6	54.4
California.....	1,469,739	907,810	61.8	38.2

United States.....42,623,383 49,348,883 46.3 53.7

INCREASE IN URBAN AND RURAL POPULATION.

Comparing the rate of growth in urban and rural communities it is shown by the census bureau that during the period between the census of 1900 and that of 1910 the increase in urban population in continental United States was 11,013,738, or 34.8 per cent, while the increase in rural population was 4,968,953, or 11.2 per cent. There had been an increase in urban population in every state, while in six states there had been an actual decrease in rural population. These states were: New Hampshire, 5.4 per cent; Vermont, 4.2 per cent; Ohio, 1.3 per cent; Indiana, 5.1 per cent; Iowa, 7.2 per cent; Missouri, 5.1 per cent.

METROPOLITAN DISTRICTS (1910).

Statistics have been compiled by the bureau of the census showing the population of the chief cities of the United States together with their

suburbs, comprising what may be termed "metropolitan districts." A district of this character is defined as consisting of the city together with the urban portion of the territory lying within ten miles of the city limits. The following table shows the metropolitan districts of cities having a population of 200,000 or more in 1910:

City	Metropolitan district	City proper	Outside
New York.....	6,474,568	4,766,883	1,707,685
Chicago.....	2,446,921	2,185,283	261,638
Philadelphia.....	1,372,342	1,549,008	423,334
Boston.....	1,520,470	670,585	849,885
Pittsburgh.....	1,042,855	533,905	508,950
St. Louis.....	828,733	687,029	141,704
San Francisco-Oakland.....	686,873	416,912	119,787
Oakland.....	.....	150,174	.....
Baltimore.....	653,715	558,485	100,230
Cleveland.....	613,270	560,663	52,607
Cincinnati.....	563,804	563,591	200,213
Minneapolis-St. Paul.....	526,256	301,408	10,104
St. Paul.....	.....	214,744	.....
Detroit.....	500,932	465,766	35,216
Buffalo.....	488,661	423,715	64,946
Los Angeles.....	438,226	319,198	119,028
Milwaukee.....	427,175	373,857	53,318
Providence.....	395,972	224,326	171,646
Washington.....	367,869	331,069	36,800
New Orleans.....	348,109	339,075	9,034
Kansas City (Mo. and Kas.).....	340,446	248,381	9,374
Kansas City, Kas.....	.....	82,331	.....
Louisville.....	286,158	223,928	62,230
Rochester.....	248,512	218,149	30,363
Seattle.....	239,289	237,196	2,075
Indianapolis.....	237,783	233,650	4,133
Denver.....	219,314	213,381	5,933
Portland, Ore.....	215,048	207,214	7,834

NOTE.—The following statement gives the name and population of each municipality of 5,000 inhabitants or more falling within the territory adjacent to each of the above cities:

New York District—New York: Yonkers city, 79,803; Mount Vernon city, 30,919; New Rochelle city, 28,867; Mamaroneck village, 5,699. New Jersey: Newark city, 347,469; Jersey City, 267,779; Paterson city, 125,600; Elizabeth city, 73,409; Hoboken city, 70,324; Bayonne city, 55,545; Passaic city, 54,773; West Hoboken town, 35,403; East Orange city, 34,371; Perth Amboy city, 32,121; Orange city, 29,630; Montclair town, 21,550; Union town, 21,023; Kearny town, 18,659; Bloomfield town, 15,070; Harrison town, 14,498; Hackensack town, 14,050; New York town, 13,560; Irvington town, 11,877; Englewood city, 9,924; Rahway city, 9,337; Rutherford borough, 7,045; South Orange village, 6,014; Nutley town, 6,009; Roosevelt borough, 5,786; Guttenberg town, 5,647.

Chicago District—Illinois: Evanston city, 24,978; Oak Park village, 19,444; Cicero town, 14,557; Chicago Heights city, 14,525; Blue Island village, 8,043; Maywood village, 8,033; Harvey city, 7,227; Forest Park village, 6,594; Berwyn city, 5,841; LaGrange village, 5,282. Indiana: Hammond city, 20,925; East Chicago city, 19,098; Gary city, 16,802; Whiting city, 6,587.

Philadelphia District—Pennsylvania: Chester city, 38,587; Norristown borough, 27,875; Bristol borough, 9,256; Conshohocken borough, 7,480; Darby borough, 6,308. New Jersey: Camden city, 94,538; Gloucester city, 9,462; Burlington city, 8,336.

Boston District—Cambridge city, 104,339; Lynn city, 89,336; Somerville city, 77,236; Malden city, 44,404; Salem city, 43,697; Newton city, 39,806; Everett city, 33,484; Quincy city, 32,642; Chelsea city, 32,452; Waltham city, 27,834; Brookline town, 27,792; Medford city, 23,150; Revere town, 18,219; Peabody town, 15,721; Melrose city, 15,715; Hyde Park town, 15,507; Woburn city, 15,308; Framingham town, 12,948; Weymouth town, 12,895; Watertown town, 12,875; Wakefield town, 11,404; Arlington town, 11,187; Winthrop town, 10,132; Natick town, 9,866; Winchester town, 9,309; Dedham town, 9,284; Braintree town, 8,066; Saugus town, 8,047; Norwood town, 8,014; Milton town, 7,924; Marblehead town, 7,338; Stoneham town, 7,090; Swampscott town, 6,204; Belmont town, 5,542; Wellesley town, 5,413; Needham town, 5,026.

Pittsburgh District—McKeesport city, 42,694; Brad-dock borough, 19,357; Wilkinsburg borough, 18,924; Homestead borough, 18,113; Duquesne borough, 15,727; McKees Rocks borough, 14,702; North Braddock borough, 11,824; Carnegie borough, 10,000; Sharpsburg borough, 8,153; Jeanette borough, 8,077; Millvale borough, 7,861; New Kensington borough, 7,707; Tarentum borough, 7,414; Swissvale borough, 7,381; Bellevue borough, 6,323; Wilmerding borough, 6,133; Carrick borough, 6,117; Rankin borough, 6,042; Etina borough, 5,830; Knoxville borough, 5,651; St. Clair borough, 5,640; East Pittsburgh borough, 5,615; Glassport borough, 5,540; Coraopolis, borough, 5,252; Munhall borough, 5,185.

St. Louis District—Missouri: Wellston city, 7,312; Webster Groves city, 7,080. Illinois: East St. Louis city, 58,547; Granite city, 9,903; Madisonville, 5,046.

San Francisco-Oakland District—Berkeley city, 40,434; Alameda city, 23,383; Richmond city, 6,802; San Rafael city, 5,934.

Cleveland District—Lakewood city, 15,181; East Cleveland city, 9,179; Newburgh city, 5,813.

Cincinnati District—Ohio: Norwood city, 16,185; Madisonville city, 5,193; St. Bernard city, 5,002. Kentucky: Covington city, 33,270; Newport city, 30,309; Dayton city, 6,979; Bellevue city, 6,683.

Detroit District—Wyandotte city, 8,287.

Buffalo District—Lackawanna city, 14,549; North Tonawanda city, 11,955; Tonawanda city, 8,290.

Los Angeles District—Pasadena city, 30,291; Long Beach city, 17,809; Santa Monica city, 7,847; Alhambra city, 5,021.

Milwaukee District—West Allis city, 6,645; South Milwaukee city, 6,092.

Providence District—Pawtucket city, 51,622; Warwick town, 26,629; Central Falls city, 22,754; Cranston city, 21,107; East Providence town, 15,808; Cumberland town, 10,107; Lincoln town, 8,825; Johnston town, 5,935; North Providence town, 5,407.

Washington District—Alexandria city (Va.), 15,329.

Kansas City (Mo. and Kas.) District—Rosedale city (Kas.), 5,960.

Louisville District—Indiana: New Albany city, 20,629; Jeffersonville city, 10,412.

COMMUNITIES ACCORDING TO SIZE (1910).

Inhabitants.	Places.	Popu-lation.	Per cent.*
1,000,000 or more.....	5	8,501,174	9.2
500,000 to 1,000,000.....	5	3,010,667	3.3
250,000 to 500,000.....	11	3,949,939	4.3
100,000 to 250,000.....	31	4,840,458	5.3
50,000 to 100,000.....	59	4,178,915	4.5
25,000 to 50,000.....	120	4,062,763	4.4
10,000 to 25,000.....	374	5,609,208	6.1
5,000 to 10,000.....	629	4,364,703	4.7
2,500 to 5,000.....	1,173	4,105,656	4.5
Total.....	2,405	42,623,383	46.3

*Of total population.

POPULATION BY RACE AND COLOR (1910).

State.	White.	Negro. All other.
Alabama.....	1,228,841	908,275
Arizona.....	171,499	2,067
Arkansas.....	1,131,030	442,891
California.....	2,259,822	21,645
Colorado.....	783,539	15,174
Connecticut.....	1,098,932	31,181
Delaware.....	171,103	94,446
District of Columbia.....	236,123	308,669
Florida.....	443,646	1,176,987
Georgia.....	1,431,816	646
Idaho.....	319,202	109,041
Illinois.....	5,526,982	60,280
Indiana.....	2,640,033	15,078
Iowa.....	2,209,096	54,504
Kansas.....	1,633,383	261,656
Kentucky.....	2,927,955	713,874
Louisiana.....	941,125	1,364
Maine.....	740,017	232,249
Maryland.....	1,062,645	38,042
Massachusetts.....	3,325,053	17,115
Michigan.....	2,785,258	7,900

State.	White.	Negro. All other.
Minnesota.....	2,059,253	7,084
Mississippi.....	786,119	1,009,487
Missouri.....	3,134,945	157,462
Montana.....	360,187	1,105
Nebraska.....	1,180,311	7,689
Nevada.....	74,371	513
New Hampshire.....	429,909	564
New Jersey.....	2,445,927	89,760
New Mexico.....	304,602	1,628
New York.....	8,966,921	134,181
North Carolina.....	1,500,513	697,843
North Dakota.....	569,855	617
Ohio.....	4,654,907	111,443
Oklahoma.....	1,444,535	137,612
Oregon.....	655,094	1,519
Pennsylvania.....	7,467,700	193,908
Rhode Island.....	532,498	9,529
South Carolina.....	679,162	835,843
South Dakota.....	563,771	817
Tennessee.....	1,711,433	473,088
Texas.....	3,204,896	690,020
Utah.....	366,602	1,143
Vermont.....	354,298	1,621
Virginia.....	1,389,809	671,096
Washington.....	1,109,157	6,058
West Virginia.....	1,156,817	64,173
Wisconsin.....	2,320,557	2,900
Wyoming.....	140,373	2,235
Total.....	81,732,687	9,828,294

NEGROES IN THE UNITED STATES.

Number in census years 1910 and 1900 and per cent increase in decade.

State.	1910.	1900.	Pct. inc.
Alabama.....	908,275	827,307	9.8
Arizona.....	2,067	1,848	11.2
Arkansas.....	442,821	366,856	20.7
California.....	21,645	11,045	96.0
Colorado.....	11,453	8,570	33.6
Connecticut.....	15,174	15,226	-0.3
Delaware.....	31,181	30,597	1.6
District of Columbia.....	94,446	86,702	8.9
Florida.....	308,669	230,730	33.8
Georgia.....	1,176,987	1,034,813	13.7
Idaho.....	646	293	120.5
Illinois.....	109,041	85,078	28.2
Indiana.....	60,280	57,505	4.8
Iowa.....	15,078	12,693	18.8
Kansas.....	54,504	52,003	4.8
Kentucky.....	261,656	284,706	-8.1
Louisiana.....	713,874	659,804	9.7
Maine.....	1,364	1,319	3.4
Maryland.....	232,249	235,064	-1.2
Massachusetts.....	38,042	31,974	19.0
Michigan.....	17,115	15,816	8.2
Minnesota.....	7,084	4,959	42.9
Mississippi.....	1,009,487	907,630	11.2
Missouri.....	157,462	161,234	-2.3
Montana.....	1,834	1,523	20.4
Nebraska.....	7,689	6,269	22.7
Nevada.....	513	134	282.8
New Hampshire.....	564	662	-15.8
New Jersey.....	89,760	69,844	28.5
New Mexico.....	1,628	1,610	1.1
New York.....	134,181	99,232	35.2
North Carolina.....	697,843	624,469	11.7
North Dakota.....	617	286	115.7
Ohio.....	111,443	96,901	15.0
Oklahoma.....	137,612	55,684	147.1
Oregon.....	1,519	1,105	37.5
Pennsylvania.....	473,088	480,243	-1.5
Rhode Island.....	9,529	9,092	4.8
South Carolina.....	835,843	782,321	6.8
South Dakota.....	817	465	75.7
Tennessee.....	473,088	480,243	-1.5
Texas.....	690,020	620,722	11.2
Utah.....	1,143	672	70.1
Vermont.....	1,621	826	96.2
Virginia.....	671,096	660,722	1.6
Washington.....	6,058	2,514	141.0
West Virginia.....	64,173	43,499	47.5
Wisconsin.....	2,900	2,542	14.1
Wyoming.....	2,235	940	137.8
United States.....	9,828,294	8,833,994	11.3

*Decrease.

NEGRO POPULATION BY CENSUS YEARS.

Year.	Total pop.	White.	Negro.	Year.	Total pop.	White.	Negro.
1910.....	91,972,266	81,732,687	9,239,294	1840.....	17,069,453	14,195,805	2,873,648
1900.....	76,303,387	66,990,788	8,840,789	1830.....	12,866,020	10,537,378	2,328,642
1890.....	63,069,756	55,166,184	7,488,788	1820.....	9,638,453	7,866,797	1,771,656
1880.....	50,155,783	43,403,400	6,580,793	1810.....	7,239,881	5,862,073	1,377,808
1870.....	38,558,371	33,589,377	4,880,009	1800.....	5,308,483	4,306,446	1,002,037
1860.....	31,443,321	26,922,537	4,441,830	1790.....	3,929,214	3,172,006	757,206
1850.....	23,191,876	19,553,068	3,638,808				

CHINESE AND JAPANESE IN AMERICA (1910).

State.	Chi- nese.	Japa- nese.	State.	Chi- nese.	Japa- nese.	State.	Chi- nese.	Japa- nese.
Alabama.....	61	3	Maine.....	90	8	Oklahoma.....	137	46
Arizona.....	1,236	351	Maryland.....	374	23	Oregon.....	7,359	3,418
Arkansas.....	59	8	Massachusetts.....	2,493	149	Pennsylvania.....	1,749	139
California.....	36,197	41,324	Michigan.....	239	40	Rhode Island.....	266	33
Colorado.....	360	2,190	Minnesota.....	250	66	South Carolina.....	56	8
Connecticut.....	427	71	Mississippi.....	249	2	South Dakota.....	120	43
Delaware.....	29	4	Missouri.....	532	91	Tennessee.....	43	8
District of Columbia.....	369	47	Montana.....	1,276	1,593	Texas.....	575	341
Florida.....	184	45	Nebraska.....	109	574	Utah.....	373	2,105
Georgia.....	219	4	Nevada.....	900	839	Vermont.....	8	5
Idaho.....	838	1,308	New Hampshire.....	64	1	Virginia.....	154	14
Illinois.....	2,104	276	New Jersey.....	1,109	203	Washington.....	2,706	12,886
Indiana.....	249	35	New Mexico.....	246	252	West Virginia.....	90	3
Iowa.....	93	30	New York.....	5,235	1,217	Wisconsin.....	224	34
Kansas.....	15	193	North Carolina.....	78	59	Wyoming.....	244	1,571
Kentucky.....	50	10	North Dakota.....	39	59			
Louisiana.....	493	31	Ohio.....	574	70	Total.....	70,944	71,722

MALES OF MILITIA AGE (1910).

13 to 44 years, inclusive.

State.	State.	State.	Division.
Maine.....	South Dakota... 140,635	Tennessee..... 423,088	South Atlantic.. 2,405,895
New Hampshire..... 90,357	Mississippi..... 345,745	Alabama..... 401,145	E. South Central 1,627,471
Vermont..... 73,885	Arkansas..... 311,792	Montana..... 123,232	W. South Central 1,813,048
Massachusetts..... 769,324	Louisiana..... 338,343	Idaho..... 86,384	Mountain..... 714,143
Rhode Island..... 125,213	Oklahoma..... 357,933	Wyoming..... 54,654	Pacific..... 1,196,947
Connecticut..... 257,996	Texas..... 804,980	Colorado..... 203,982	
New York..... 2,156,361	Nebraska..... 267,497	New Mexico..... 73,097	Total U. S. .. *20,473,684
New Jersey..... 597,513	Kansas..... 370,227	Arizona..... 58,962	Total in 1900.. 16,182,702
Pennsylvania..... 1,788,619	Delaware..... 44,634	Utah..... 84,449	Increase 1900-1910 4,290,982
Ohio..... 1,076,928	Maryland..... 271,373	Nevada..... 29,383	Per cent total popula-
Indiana..... 580,557	Dist. Columbia.. 78,349	Washington..... 340,872	tion 1910, 22.3.
Illinois..... 1,330,555	Virginia..... 398,723	Oregon..... 190,553	Per cent total popula-
Michigan..... 616,729	West Virginia... 275,048	California..... 665,522	tion 1900, 21.3.
Wisconsin..... 497,922	North Carolina.. 392,192	New England... 1,458,900	Per cent male popula-
Minnesota..... 491,113	South Carolina.. 276,789	Middle Atlantic 4,542,493	tion 1910, 43.3.
Iowa..... 475,829	Georgia..... 497,095	E. North Central 4,102,692	*Exclusive of Alaska,
Missouri..... 721,166	Florida..... 171,688	W. North Central 2,612,095	Hawaii, Porto Rico and
North Dakota... 145,628	Kentucky..... 457,493		sessions.

WOMEN OF VOTING AGE IN CERTAIN STATES.

[From United States census bulletin.]

The following table shows the number of women 21 years and over in 1910 in the states where women have the right to vote in all elections. It is to be noted that it does not represent the actual number of woman voters, but only the num-

ber of those who in April, 1910, were eligible to vote from the standpoint of age alone, aside from any qualifications based upon naturalization, education, length of residence or considerations of a like nature.

State or city.	Native	Foreign or mixed par- entage.*	born white.	Negro.	All other.†
California, total.....	171,336	308,090	174,455	6,836	10,145
Berkeley.....	13,923	6,580	3,739	102	131
Los Angeles.....	108,128	57,422	23,528	23,980	2,615
Oakland.....	47,278	16,624	14,562	14,541	1,034
Pasadena.....	11,950	7,280	2,193	2,179	283
Sacramento.....	12,923	5,396	4,289	2,888	142
San Diego.....	12,960	7,460	2,580	2,700	215
San Francisco.....	121,318	28,361	45,584	45,563	448
San Jose.....	9,638	4,304	2,852	2,327	76
Colorado, total.....	213,425	122,780	43,065	42,810	3,861
Colorado Springs.....	10,032	6,375	1,865	1,371	417
Denver.....	69,687	33,406	17,562	16,312	2,017
Pueblo.....	11,539	6,572	1,992	2,502	468
Idaho, total.....	69,818	40,258	17,043	11,242	187
Utah, total.....	85,729	26,838	32,901	24,849	313
Ogden.....	6,576	2,322	2,323	1,834	60
Salt Lake City.....	25,941	8,224	9,148	8,307	224
Washington, total.....	277,727	141,260	59,732	70,836	1,697
Seattle.....	65,290	29,628	15,683	19,268	700
Spokane.....	29,341	14,775	7,370	6,902	254
Tacoma.....	22,048	9,609	5,086	7,052	243
Wyoming, total.....	28,840	15,448	6,209	6,075	494

Total (six states).....

1,346,925

654,784

333,295

327,682

13,488

17,046

*Native white. †Includes Indians and Chinese, Japanese and other Asiatics.

POPULATION OF CHIEF AMERICAN CITIES.

[From reports of census bureau.]

PLACES WITH MORE THAN 100,000 INHABITANTS IN 1910.

City.	1910.	1900.	1890.	1880.	1870.	1860.	1850.
New York, N. Y.	4,766,883	3,437,202	1,515,301	1,206,299	942,292	805,651	515,547
Chicago, Ill.	2,185,283	1,698,576	1,099,850	803,298	598,977	408,206	299,963
Philadelphia, Pa.	1,549,068	1,293,897	1,046,964	847,170	674,022	565,529	421,376
St. Louis, Mo.	687,029	575,238	451,770	350,513	310,864	180,773	177,860
Boston, Mass.	670,585	560,892	448,477	362,839	250,526	177,812	136,851
Cleveland, O.	560,683	381,768	261,353	160,146	92,829	43,417	17,034
Baltimore, Md.	558,485	508,957	434,439	332,313	267,354	212,418	169,054
Pittsburgh, Pa.	533,905	451,512	343,904	156,389	86,076	49,217	46,601
Detroit, Mich.	465,766	285,704	205,876	116,340	79,577	45,619	21,019
Buffalo, N. Y.	423,715	352,387	255,664	155,134	117,714	81,129	42,261
San Francisco, Cal.	416,912	342,782	298,997	233,959	149,473	56,802	34,776
Milwaukee, Wis.	373,857	285,415	204,463	115,587	71,440	45,246	20,061
Cincinnati, O.	363,591	325,902	296,908	256,139	216,239	161,044	115,435
Newark, N. J.	347,469	246,070	181,852	136,608	105,059	71,914	38,894
New Orleans, La.	339,075	287,104	242,039	215,090	191,418	168,675	116,375
Washington, D. C.	334,669	277,718	230,392	147,293	109,189	61,120	40,001
Los Angeles, Cal.	319,158	102,479	50,395	11,183	5,728	4,385	1,610
Minneapolis, Minn.	301,408	202,718	164,738	46,887	13,066	2,564	.....
Jersey City, N. J.	267,779	206,433	163,003	120,722	82,546	29,226	6,856
Kansas City, Mo.	248,381	163,752	132,716	55,785	32,260	4,418	.....
Seattle, Wash.	237,194	80,671	42,837	3,633	1,107	.....	.....
Indianapolis, Ind.	235,650	169,164	105,436	75,056	48,244	18,611	8,091
Providence, R. I.	224,326	175,597	132,146	104,857	68,904	50,666	41,513
Louisville, Ky.	223,928	204,731	161,129	123,758	100,753	68,033	43,194
Rochester, N. Y.	218,149	162,608	133,896	89,366	62,336	48,204	36,403
St. Paul, Minn.	214,744	163,065	133,155	41,473	20,030	10,401	1,112
Denver, Col.	213,581	133,859	106,713	35,639	4,759	4,759	.....
Portland, Ore.	207,214	90,425	46,333	17,577	8,293	2,874	82
Columbus, O.	181,511	125,560	88,150	51,647	31,274	15,344	17,832
Toledo, O.	168,497	131,822	81,434	50,137	30,972	13,768	3,829
Atlanta, Ga.	154,839	89,672	66,533	37,409	21,789	9,554	2,782
Oakland, Cal.	150,174	66,960	48,682	34,555	10,500	1,543	.....
Worcester, Mass.	145,986	118,421	84,655	58,291	41,105	24,960	17,049
Syracuse, N. Y.	137,249	108,374	88,143	51,792	43,051	28,119	22,271
New Haven, Conn.	133,605	108,027	81,293	62,882	50,840	39,267	20,345
Birmingham, Ala.	132,683	88,415	26,178	3,086	.....	.....	.....
Memphis, Tenn.	131,105	102,320	64,495	33,592	40,226	22,623	8,841
Scranton, Pa.	129,867	102,026	75,215	45,850	35,092	9,223	.....
Richmond, Va.	127,628	85,050	61,383	63,600	51,038	37,910	27,570
Faterson, N. J.	125,600	105,171	51,031	32,579	32,579	19,586	11,334
Omaha, Neb.	124,096	102,555	140,452	30,518	16,983	.....	11,524
Fall River, Mass.	119,295	104,863	74,398	48,961	26,766	14,026	.....
Dayton, O.	116,577	85,833	61,220	38,678	30,473	20,081	10,977
Grand Rapids, Mich.	112,571	87,563	60,278	32,016	16,507	8,085	2,686
Nashville, Tenn.	110,364	80,865	76,163	43,350	25,865	16,948	10,165
Lowell, Mass.	106,294	94,969	77,696	59,475	40,298	36,827	33,383
Cambridge, Mass.	104,839	91,886	70,028	52,669	18,547	26,060	15,215
Spokane, Wash.	104,402	36,848	19,922	350	.....	.....	.....
Bridgeport, Conn.	102,054	70,996	48,866	27,643	18,969	13,299	7,560
Albany, N. Y.	100,253	94,151	94,923	90,758	69,658	62,367	50,763

POPULATION OF NEW YORK CITY BY BOROUGH.

	1910.	1900.	1890.		1910.	1900.	1890.
Manhattan borough.....	2,331,542	1,850,093	1,441,216	Richmond borough.....	85,969	67,021	51,693
Bronx borough.....	430,980	200,507	88,908	Queens borough.....	284,041	152,999	87,050
Brooklyn borough.....	1,634,351	1,168,682	838,547	Total New York city.....	4,766,883	3,437,202	2,507,414

DECENNIAL INCREASE OF CITIES WITH MORE THAN 100,000 IN 1910.

City.	1900 to 1910 Number.Pr.ct.	1890 to 1900 Number.Pr.ct.	1880 to 1890 Number.Pr.ct.
New York, N. Y.	1,229,681 38.7	1,921,901 126.8	309,002 25.6
Chicago, Ill.	486,798 28.7	598,725 54.4	696,665 118.6
Philadelphia, Pa.	255,811 19.7	246,733 23.6	199,794 23.6
St. Louis, Mo.	111,791 19.4	128,468 27.3	101,252 28.9
Boston, Mass.	109,693 19.6	112,415 25.1	85,638 23.6
Cleveland, O.	178,895 46.9	120,415 46.1	101,207 63.2
Baltimore, Md.	49,528 9.7	74,518 17.2	102,126 30.7
Pittsburgh, Pa.	82,393 18.2	82,999 34.8	82,228 52.6
Detroit, Mich.	180,062 63.0	79,828 38.8	89,536 77.0
Buffalo, N. Y.	71,328 20.2	96,723 37.8	100,530 64.8
San Francisco, Cal.	74,130 21.6	43,785 14.6	65,038 27.8
Milwaukee, Wis.	88,542 31.0	40,847 39.5	88,881 76.9
Cincinnati, O.	37,639 11.8	28,994 9.8	41,769 16.4
Newark, N. J.	101,399 41.2	64,240 35.3	45,322 33.2
New Orleans, La.	51,971 18.1	45,065 18.6	25,949 12.0
Washington, D. C.	63,331 18.8	48,326 21.0	52,768 29.7
Los Angeles, Cal.	216,719 211.6	52,084 108.4	85,572 350.6
Minneapolis, Minn.	98,690 48.6	37,980 23.1	37,857 25.4
Jersey City, N. J.	61,346 29.7	43,430 26.6	42,281 35.0
Kansas City, Mo.	84,752 51.7	31,636 23.4	76,931 137.9
Seattle, Wash.	156,523 194.0	37,834 88.3	39,304 112.5
Indianapolis, Ind.	64,486 38.1	63,728 60.4	30,380 40.5

City.	Population.				Pr. ct. inc.	
	1910.	1900.	1890.	1910.	1900.	1890.
Niagara Falls, N. Y.	30,445	19,457	†	56.5		
Norfolk, Va.	67,452	46,624	34,871	44.7	23.7	
Norristown, Pa.	27,875	22,265	19,781	26.2	12.5	
Ogden, Utah.	25,580	16,333	13,989	56.8	9.6	
Oklahoma City, Okla.	64,205	10,037	4,151	539.7	141.8	
Orange, N. J.	29,630	24,141	18,844	22.7	28.1	
Oshkosh, Wis.	33,062	28,284	22,836	16.9	23.9	
Pasadena, Cal.	30,291	9,117	4,882	232.2	86.7	
Passaic, N. J.	54,773	27,777	13,028	97.2	113.3	
Pawtucket, R. I.	51,822	39,221	27,533	31.5	42.0	
Peoria, Ill.	86,950	56,100	4,024	19.3	36.7	
Perth Amboy, N. J.	32,121	17,699	9,512	81.5	86.1	
Pittsfield, Mass.	32,121	21,766	17,281	47.6	26.0	
Portland, Me.	58,571	50,145	36,426	16.8	37.7	
Portsmouth, Va.	33,190	17,427	13,268	90.5	31.3	
Poughkeepsie, N. Y.	27,936	24,029	22,206	16.3	8.2	
Pueblo, Col.	44,395	28,157	24,558	57.7	14.7	
Quincy, Ill.	36,587	36,252	31,494	0.9	15.1	
Quincy, Mass.	32,642	23,899	16,733	36.6	42.9	
Racine, Wis.	38,002	29,102	21,014	30.6	38.5	
Reading, Pa.	65,671	78,961	53,661	21.7	34.6	
Reno, Nev.	34,874	21,495	16,159	62.2	33.0	
Rockford, Ill.	45,401	31,051	23,584	46.2	31.7	
Sacramento, Cal.	44,696	29,282	26,386	52.6	11.0	
Saginaw, Mich.	50,513	42,345	46,322	19.3	*8.6	
St. Joseph, Mo.	77,493	102,979	52,324	*24.8	96.8	
Salem, Mass.	43,697	35,956	30,801	21.5	16.7	
Salt Lake City, Utah.	92,777	53,521	44,843	73.3	19.4	
San Antonio, Tex.	96,614	53,321	37,673	81.2	41.5	
San Diego, Cal.	39,578	17,700	16,159	123.6	9.5	
San Jose, Cal.	29,846	21,700	18,060	34.6	19.0	
Savannah, Ga.	65,064	54,244	43,139	19.9	25.6	
Schenectady, N. Y.	72,826	31,632	19,902	129.9	59.2	
Shenandoah, Pa.	26,398	22,662	16,359	15.0	40.4	
Shenandoah, Pa.	25,774	20,321	15,944	26.8	27.5	
Shreveport, La.	28,015	16,013	11,979	75.0	33.7	
Sioux City, Iowa.	47,828	33,111	37,806	44.4	*12.4	
Somerville, Mass.	77,256	61,643	40,152	25.3	53.5	
South Bend, Ind.	53,684	35,999	21,819	49.1	65.0	
South Omaha, Neb.	26,259	26,001	9,062	1.0	222.5	
Springfield, Ill.	51,678	34,159	24,963	51.3	36.8	
Springfield, Mass.	88,926	62,059	44,179	43.3	40.5	
Springfield, Mo.	35,201	28,267	21,850	51.3	6.5	
Springfield, O.	46,421	35,226	31,895	22.7	19.9	
Stamford, Conn.	26,138	15,997	†	57.1		
Superior, Wis.	40,384	31,091	19,983	29.9	159.5	
Tacoma, Wash.	83,743	37,714	36,006	122.0	4.7	
Tampa, Fla.	37,782	15,839	5,532	138.5	186.3	
Taunton, Mass.	34,259	31,036	25,448	10.4	22.0	
Terre Haute, Ind.	58,157	36,673	30,217	52.6	21.4	

City.	Population.				Pr. ct. inc.	
	1910.	1900.	1890.	1910.	1900.	1890.
Topeka, Kas.	43,634	33,608	31,007	30.0	8.4	
Trenton, N. J.	96,815	73,307	57,458	32.1	27.6	
Troy, N. Y.	76,813	60,651	60,956	26.6	*0.5	
Utica, N. Y.	74,419	56,383	44,007	32.0	28.1	
Waco, Tex.	26,425	20,686	14,445	27.7	43.2	
Waltham, Mass.	27,834	23,481	18,707	18.5	25.5	
Warwick, R. I.	26,629	21,316	17,761	24.9	20.0	
Waterbury, Conn.	73,141	45,859	28,646	69.5	60.1	
Waterloo, Iowa.	26,693	12,580	6,674	112.2	88.5	
Watertown, N. Y.	26,730	21,596	14,725	23.2	47.3	
West Hoboken, N. J.	55,403	28,084	11,665	53.3	98.0	
Wheeling, W. Va.	41,641	38,873	34,522	7.1	12.4	
Wichita, Kas.	52,450	24,671	23,853	112.6	3.6	
Wilkes-Barre, Pa.	67,105	51,721	37,718	29.7	37.1	
Williamsport, Pa.	31,860	28,757	27,132	10.8	6.0	
Wilmington, Del.	87,411	76,508	61,431	14.3	24.5	
Wilmington, N. C.	26,748	20,976	20,056	22.7	4.6	
Woonsocket, R. I.	38,125	28,204	20,830	38.7	35.4	
Yonkers, N. Y.	79,803	49,931	32,033	66.5	49.6	
York, Pa.	44,750	33,708	20,793	32.8	62.1	
Youngstown, O.	79,066	44,885	33,720	76.2	35.1	
Zanesville, O.	28,029	22,534	21,009	19.1	12.0	

*Decrease. †Incorporated since 1890.

CITIES OF FASTEST GROWTH, 1900 TO 1910.

Rank.	City.	Population.		Pr. ct. inc.
		1910.	1900.	
1.	Oklahoma City, Okla.	64,205	539.7	
2.	Muskogee, Okla.	25,278	494.2	
3.	Birmingham, Ala.	132,685	245.4	
4.	Pasadena, Cal.	3,291	232.2	
5.	Los Angeles, Cal.	319,198	211.5	
6.	Berkeley, Cal.	40,484	206.0	
7.	Flint, Mich.	25,550	194.2	
8.	Seattle, Wash.	237,194	194.0	
9.	Spokane, Wash.	104,462	183.3	
10.	Fort Worth, Tex.	73,312	174.7	
11.	Huntington, W. Va.	31,161	161.4	
12.	El Paso, Tex.	39,279	146.9	
13.	Tampa, Fla.	37,782	138.5	
14.	Schenectady, N. Y.	72,826	129.9	
15.	Portland, Ore.	207,214	129.2	
16.	Oakland, Cal.	150,174	124.3	
17.	San Diego, Cal.	39,578	123.6	
18.	Tacoma, Wash.	83,743	122.0	
19.	Dallas, Tex.	92,104	112.0	
20.	Wichita, Kas.	52,450	112.2	
21.	Waterloo, Iowa.	26,693	112.2	
22.	Jacksonville, Fla.	57,699	103.0	

POPULATION OF INCORPORATED PLACES IN 1910.

Includes, with some exceptions, only towns and cities having more than 3,000 inhabitants in 1910. From reports of federal census bureau.

ALABAMA.		Name		2,600		Hope		3,639		Napa		5,75			
Alabama City		4,313		Treadwell		1,222		Hot Springs		14,434		Oakland		150,170	
Anniston		12,794		Valdez		810		Jonesboro		7,123		Ocean Park		4,27	
Bessemer		10,864		Wrangell		743		Little Rock		45,941		Ontario		4,27	
Birmingham		132,685		ARIZONA.				Marianna		4,811		Oroville		3,85	
Decatur		4,228		Bisbee		9,019		Mena		3,953		Palo Alto		4,4	
Dothan		7,016		Dillon		4,871		Newport		3,557		Pasadena		30,29	
Eufaula		4,259		Flagstaff		6,437		Paragould		5,243		Petaluma		5,88	
Florence		6,689		Flagstaff		1,633		Pine Bluff		15,102		Pomona		10,20	
Gadsden		10,557		Globe		7,083		Texarkana		5,655		Red Bluff		3,53	
Girard		4,214		Jerome		2,393		Van Buren		3,873		Redding		8,57	
Greenville		3,377		Mesa		1,692		CALIFORNIA.				Redlands		10,44	
Huntsville		7,613		Nogales		3,514		Alameda		23,383		Richmond		6,50	
Lanett		3,320		Phoenix		11,124		Alhambra		5,021		Riverside		15,21	
Mobile		51,521		Prescott		5,092		Bakersfield		12,727		San Antonio		44,65	
Montgomery		38,136		Tempe		1,473		Berkeley		40,434		Salinas		3,73	
New Decatur		6,118		Tombstone		1,582		Chico		3,750		San Bernardino		39,57	
Opelika		4,734		Tucson		13,193		Coalinga		4,199		San Diego		39,57	
Phenix		4,555		Williams		1,267		Colton		3,980		San Francisco		416,91	
Selma		13,649		Winslow		2,351		Corona		3,540		San Jose		28,94	
Sheffield		4,865		Yuma		2,914		Eureka		11,845		San Leandro		3,47	
Talladega		5,854		ARKANSAS.				Fresno		24,892		San Luis Obispo		5,15	
Troy		4,961		Argenta		11,138		Grass Valley		4,520		San Mateo		4,38	
Tuscaloosa		8,407		Batesville		3,399		Hanford		4,829		San Rafael		5,93	
Tusculum		4,055		Blytheville		3,849		Long Beach		17,809		Santa Ana		8,42	
Union Springs				Blytheville		3,849		Long Beach		17,809		Santa Barbara		11,65	
				Eldorado		3,985		Los Angeles		319,156		Santa Clara		4,34	
				Eureka		4,229		Marysville		4,430		Santa Cruz		11,44	
				Eureka Springs		3,429		Merced		3,102		Santa Monica		7,84	
				Fayetteville		4,471		Modesto		4,034		Santa Rosa		7,81	
				Fort Smith		23,975		Monrovia		3,576		South Pasadena		4,64	
				Helena		8,772		Monterey		4,923		Stockton		23,25	

Vallejo	11,340
Visalia	4,550
Watsonville	4,446
Whittier	4,550
Woodland	3,187

COLORADO.

Alamosa	3,013
Boulder	9,539
Canon City	5,162
Colorado City	4,323
Colorado Springs	29,075
Cripple Creek	6,206
Denver	213,381
Durango	4,686
Fort Collins	8,210
Grand Junction	7,754
Greeley	8,179
La Junta	4,154
Leadville	7,509
Longmont	4,256
Loveland	3,651
Montrose	3,254
Pueblo	44,385
Rocky Ford	3,250
Salida	4,425
Sterling	3,044
Trinidad	10,204
Victor	3,162

CONNECTICUT.

Ansonia	15,152
Berlin	3,728
Bethel	3,792
Branford	6,047
Bridgeport	102,054
Bristol	13,502
Danbury	20,234
Darien	3,943
Derby	8,991
East Hartford	8,138
East Windsor	3,362
Enfield	9,719
Fairfield	6,134
Farmington	3,478
Glastonbury	4,796
Greenwich	16,463
Grisswold	4,233
Groton	6,495
Guilford	3,001
Hamden	5,850
Hartford	98,915
Huntington	6,545
Killingly	6,564
Litchfield	3,005
Manchester	13,641
Meriden	27,265
Middletown	11,851
Milford	4,366
Naugatuck	12,722
New Britain	43,916
New Canaan	3,667
New Haven	133,603
New London	19,655
New Milford	5,010
Newtown	3,012
Norwalk	6,954
Norwich	20,367
Orange	11,272
Plainfield	6,719
Plymouth	5,021
Portland	3,425
Putnam	6,637
Ridgefield	3,118
Rockville	7,977
Salisbury	3,523
Seymour	4,426
South Norwalk	8,963
Southington	6,516
Stafford	5,233
Stamford	25,138
Stonington	9,154
Stratford	5,712
Suffield	3,841
Thomaston	3,533
Thompson	4,804
Wallingford	16,840
Watertown	11,135
Waterbury	73,141
Waterford	3,097
Watertown	3,850

West Hartford	4,898
Westport	4,259
Wethersfield	3,149
Willimantic	11,230
Winchester	8,673
Windsor	4,178
Windsor Locks	3,715

DELAWARE.

Dover	3,720
New Castle	3,351
Wilmington	87,411
DIST. OF COLUMBIA.	
Washington	381,069

FLORIDA.

Apalachicola	3,065
Daytona	3,082
Fernandina	3,482
Gainesville	6,183
Jacksonville	57,699
Key West	19,945
Lake City	6,032
Orlando	3,450
Ocala	4,370
Orlando	3,894
Palatka	3,779
Pensacola	22,982
Quincy	3,204
St. Augustine	5,494
St. Petersburg	4,127
Tallahassee	3,570
Tampa	5,019
West Tampa	37,782
Temp	5,263

GEORGIA.

Albany	8,190
Americus	8,063
Athens	14,913
Atlanta	154,839
Augusta	41,040
Bainbridge	4,217
Brunswick	3,063
Carrollton	10,182
Cartersville	3,287
Cedartown	4,067
Columbus	3,551
Cordele	20,554
Cuthbert	5,883
Dalton	3,210
Dawson	5,324
Douglas	3,827
Dublin	3,550
East Point	5,795
Elberton	3,682
Fitzgerald	4,483
Gainesville	5,925
Griffin	7,478
Hawkinsville	3,420
LaGrange	5,587
Macon	40,665
Marietta	5,949
Milledgeville	4,385
Monroe	3,029
Moultrie	3,349
Newman	5,543
Quitman	3,915
Rome	12,099
Savannah	65,064
Summersville	4,361
Thomasville	6,727
Toccoa	3,120
Valdosta	7,656
Washington	3,065
Waycross	14,485

HAWAII.

Hilo	6,745
Honolulu	52,183

IDAHO.

Blackfoot	2,202
Boise	17,359
Caldwell	3,543
Coeur d'Alene	2,291
Idaho Falls	4,827
Lewiston	6,043

Nampa	4,205
Pocatello	9,110
Moscow	3,670
Preston	2,110
Sandpoint	2,993
Twin Falls	5,258
Wallace	3,000
Weiser	2,600

ILLINOIS.

(Places of 2,000 or more inhabitants.)	
Abingdon	2,464
Aledo	2,144
Alton	17,528
Anna	2,809
Aurora	2,100
Aurora	29,897
Averyville	2,668
Batavia	4,436
Beardstown	6,107
Belleville	21,122
Belvidere	7,253
Benton	5,675
Berwyn	2,841
Bloomington	25,768
Blue Island	8,043
Broadview	2,128
Bridgeport	2,703
Brookfield	2,186
Bushnell	2,619
Cairo	14,549
Canton	10,453
Carbondale	5,411
Carlinville	3,616
Carmi	2,853
Carrollton	2,323
Carsterville	2,971
Carthage	2,373
Casey	2,157
Centralia	9,680
Champaign	12,421
Charleston	5,848
Chester	2,747
Chicago	2,185,283
Chicago Heights	14,525
Cicero (town)	14,557
Clinton	5,165
Coal City	2,667
Collinsville	7,478
Columbia	2,676
Cuba	2,019
Danville	27,871
Decatur	31,149
DeKalb	8,102
Des Plaines	2,348
Dixon	7,216
Downers Grove	2,601
Duquoin	5,454
Dwight	2,156
East Moline	2,665
East St. Louis	58,547
Edwardsville	5,014
Edinburg	3,898
Eldorado	2,876
Elgin	25,976
Elmhurst	2,360
Evanston	24,978
Fairbury	2,505
Fairfield	2,479
Farmington	2,421
Flora	2,704
Forest Park	5,594
Freeport	17,567
Fulton	2,174
Galena	4,830
Galesburg	22,899
Galva	2,498
Geneseo	3,199
Geneva	2,451
Georgetown	2,307
Gibson	2,086
Gillespie	2,241
Granite	9,903
Greenville	3,178
Harrisburg	5,309
Harvard	3,009
Harvey	7,227
Havana	3,525
Herrin	6,861
Highland	2,675

Highland Park	4,209
Hillsboro	3,424
Hinsdale	2,451
Hoopeston	4,698
Jacksonville	15,326
Jerseyville	4,113
Johnston	3,248
Joliet	34,670
Kankakee	13,986
Kewanee	9,307
LaGrange	5,282
Lake Forest	3,349
LaSalle	11,537
Lawrenceville	3,235
Lemont	2,284
Lewistown	2,312
Lincoln	10,892
Litchfield	5,974
Lockport	2,555
Macomb	5,774
Madison	5,046
Marion	7,093
Marissa	2,004
Marshall	2,291
Marshall	2,569
Mascoutah	2,081
Mattson	11,456
Maywood	8,033
Melrose Park	4,806
Mendota	3,806
Metropolis	4,555
Minonk	2,070
Moline	24,199
Momence	2,201
Monmouth	9,128
Morgan Park	3,694
Morris	4,563
Morrison	2,410
Mound City	2,837
Mount Carmel	6,934
Mount Olive	3,501
Moran	8,007
Murphysboro	7,485
Naperville	3,449
Nashville	2,185
Newton	4,024
Normal	3,306
North Chicago	19,444
Oak Park	2,018
O'Fallon	5,011
Olney	2,180
Oregon	9,535
Ottawa	6,055
Pana	7,664
Paris	2,009
Park Ridge	2,912
Pekin	9,897
Peoria	66,350
Peru	7,984
Petersburg	2,587
Pittsfield	2,722
Pittsburg	2,095
Pontiac	6,090
Portland	3,194
Princeton	4,131
Quincy	36,597
River Forest	2,456
Robinson	3,863
Rochelle	2,732
Rock Island	2,657
Rockford	45,401
Roodhouse	2,171
Rushville	2,422
St. Charles	4,046
Salem	2,669
Sandwich	2,557
Savanna	3,691
Shelbyville	3,590
South Wilmington	2,403
Sparta	3,081
Spring Valley	7,095
Springfield	51,079
Stanton	5,048
Steger	1,161
Sterling	7,467
Streator	14,253
Sullivan	2,621

Sycamore	3,926	Rushville	4,925
Taylorville	5,446	Seymour	6,205
Toluca	2,407	Shelbyville	9,600
Tuscola	2,453	South Bend	53,684
Upper Alton	2,918	Sullivan	4,115
Urbana	8,245	Tell City	3,369
Vandalia	2,918	Terre Haute	58,157
Vincennes	2,774	Tipton	4,075
Yirdeu	4,000	Union	3,209
Warsaw	2,254	Valparaiso	6,987
Waterloo	2,091	Vincennes	14,895
Watseka	2,476	Wabash	8,687
Waukegan	16,069	Warsaw	4,430
West Chicago	2,378	Washington	7,854
West Frankfort	2,111	West Lafayette	3,867
West Hammond	4,948	West Terre Haute	3,083
Westville	2,607	Whiting	6,587
Wheaton	3,423	Winchester	4,266
Whitehall	2,864		
Whitette	4,948		
Winnetka	3,168		
Witt	2,170		
Woodstock	4,331		
Zion City	4,789		

INDIANA.

Alexandria	5,096	Albia	4,969
Anderson	23,476	Ames	4,223
Attica	3,385	Atlantic	4,500
Auburn	3,919	Belle Plaine	3,121
Aurora	4,410	Boone	10,347
Bedford	8,716	Burlington	24,324
Bloomington	8,838	Carroll	3,546
Bluffton	4,987	Cedar Falls	5,012
Boonville	3,934	Cedar Rapids	32,811
Brazil	9,340	Centerville	6,936
Clinton	6,229	Charlton	3,794
Columbia City	3,448	Charles City	5,892
Columbus	8,813	Cherokee	4,884
Connersville	7,738	Clarinda	3,832
Crawfordsville	5,371	Clinton	25,577
Decatur	4,472	Council Bluffs	29,292
Dunkirk	3,031	Creston	6,924
East Chicago	19,098	Davenport	43,028
Elkhart	19,282	Decorah	3,592
Elwood	11,028	Denison	3,133
Evansville	69,647	Des Moines	86,368
Fort Wayne	63,933	Dubuque	38,494
Frankfort	8,634	Eagle Lake	3,387
Franklin	4,502	Eastherville	3,404
Gary	16,802	Fairfield	4,970
Garrett	4,149	Fort Dodge	15,543
Gas City	3,224	Fort Madison	8,900
Goshen	8,514	Glenwood	4,052
Greenfield	4,448	Grierson	5,036
Greensburg	5,420	Independence	3,517
Greencastle	7,790	Indianola	3,283
Hammond	20,925	Iowa City	10,091
Hartford	6,187	Keokuk	14,008
Huntington	10,272	Knoxville	3,190
Indianapolis	233,660	Le Mars	4,167
Jasonville	3,295	Maquoketa	3,570
Jeffersonville	10,412	Marion	4,400
Kendallville	4,981	Marshalltown	13,374
Kokomo	17,010	Mason City	11,230
Lafayette	20,081	Missouri Valley	3,187
Laporte	10,525	Mount Pleasant	3,874
Lawrenceburg	3,930	Muscateen	16,178
Lebanon	5,474	Newton	4,616
Linton	5,906	Oelwein	6,028
Logansport	19,050	Oskaloosa	9,466
Lonsford	6,934	Ottumwa	22,012
Marion	19,353	Pella	3,021
Martinsville	4,529	Perry	4,630
Michigan City	19,027	Reel Out	4,880
Michawaka	11,886	Shenandoah	4,976
Mitchell	3,438	Sioux City	47,829
Mount Vernon	5,563	Spencer	3,005
Muncie	24,005	Vinton	3,336
New Albany	20,629	Washington	4,380
New Castle	9,446	Waterloo	26,693
New Orleans	5,116	Waverly	3,205
Peru	19,910	Webster City	5,208
Plymouth	3,838		
Portland	5,130		
Princeton	6,448		
Richmond	22,324		
Rochester	3,364		

KANSAS.

Abilene	4,118
Arkansas City	7,508
Atchison	16,429
Beloit	3,082
Caney	3,597
Chanute	9,272
Cherryvale	4,304
Clay Center	3,438
Coffeyville	12,687
Columbus	3,064

Concordia	4,415
Dodge City	3,214
Eldorado	9,129
Emporia	9,058
Fort Scott	10,463
Fredonia	3,040
Frontenac	3,396
Galena	6,096
Garden	3,171
Great Bend	4,622
Herington	3,273
Horton	3,600
Hutchinson	16,364
Independence	10,480
Iola	9,023
Junction	5,598
Kansas City	82,331
Lawrence	12,374
Leavenworth	19,363
McPherson	3,546
Manhattan	5,722
Newton	7,862
Olathe	3,272
Osawatomie	4,046
Ottawa	7,650
Paola	3,207
Parsons	12,453
Pittsburg	14,755
Pratt	3,303
Rosedale	5,960
Salina	9,688
Topeka	43,684
Wellington	7,034
Wichita	52,450
Winfield	6,700

KENTUCKY.

Ashland	8,689
Bellevue	5,683
Bowling Green	9,173
Catlettsburg	3,520
Covington	53,570
Cynthiana	3,603
Danville	5,420
Dayton	6,979
Earlington	3,931
Frankfort	10,465
Franklin	3,063
Georgetown	4,533
Harradtsburg	3,147
Henderson	11,452
Hopkinsville	9,419
Lebanon	3,077
Lexington	35,099
Louisville	223,923
Ludlow	4,163
Madisonville	4,966
Mayfield	5,916
Maysfield	6,141
Middlesboro	7,305
Mount Sterling	3,932
Newport	30,309
Owensboro	16,011
Paducah	22,760
Parrs	5,863
Princeton	3,015
Richmond	6,340
Russellville	3,111
Shelbyville	3,412
Somerset	4,491
Winchester	7,156

LOUISIANA.

Alexandria	11,213
Baton Rouge	14,897
Crowley	5,099
Donaldsonville	4,090
Franklin	3,857
Houma	5,024
Jennings	3,925
Kentwood	3,609
Lafayette	6,892
Lake Charles	11,449
Minden	3,002
Monroe	10,209
Morgan City	5,477
New Iberia	7,499
New Orleans	339,075

Opelousas	4,623
Plaquemine	4,955
Ruston	3,317
Shreveport	28,015
Thibodaux	3,824

MAINE.

Auburn	15,064
Augusta	13,211
Bangor	24,503
Bath	9,396
Belefast	4,618
Biddeford	17,079
Brewer	5,710
Brunswick	6,621
Calais	6,116
Camden	3,015
Caribou	5,377
Chelsea	3,216
Dexter	3,539
Eastport	4,961
Ellen	4,441
Eldsworth	3,549
Fairfield (town)	4,425
Farmington (town)	3,210
Fort Fairfield (t'n)	4,381
Fort Kent	5,710
Gardiner	5,311
Houlton	5,845
Houlton	3,099
Kittery	3,533
Lewiston	26,247
Lisbon	4,116
Lubec	3,363
Madison (town)	3,379
Milbrook	3,368
Norway (town)	3,002
Old Town	6,317
Orono	3,555
Paris (town)	3,436
Portland	58,571
Presque Isle (t'n)	5,179
Rockland	8,174
Rumford (town)	6,777
Sanford	9,049
Skowhegan	5,341
South Portland	7,471
Topsham	3,065
Waterville	11,458
Westbrook	8,281

MARYLAND.

Annapolis	8,609
Baltimore	558,485
Brunswick	7,721
Cambridge	6,407
Crisfield	3,468
Cumberland	21,839
Easton	3,083
Frederick	10,411
Frostburg	6,028
Hagerstown	16,507
Harve de Grace	4,212
Salisbury	6,690
Westminster	3,295

MASSACHUSETTS.

Abington	5,455
Adams	13,026
Agawam	3,501
Ambury	9,394
Amherst	5,119
Andover	7,301
Arlington	11,187
Athol	8,536
Attleborough	16,215
Barnstable	4,676
Belmont	5,542
Beverly	18,650
Blackstone	5,648
Boston	670,586
Braintree	8,066
Bridgewater	7,683
Brockton	56,879
Brookline	27,792
Cambridge	104,839
Canton	7,797
Chelmsford	5,010
Chelsea	32,452
Chicopee	25,401

Clinton	13,075	Sutton	3,078
Concord	6,421	Swampscott	6,204
Dalton	3,568	Taunton	34,259
Danvers	9,407	Templeton	3,756
Dartmouth	4,378	Tewksbury	3,750
Dedham	9,284	Uxbridge	4,671
Dracut	3,461	Wakefield	11,404
Dudley	4,267	Walpole	4,892
East Bridgewater	3,363	Waltham	27,834
Easthampton	8,624	Ware	8,774
Easton	5,139	Wareham	4,102
Everett	33,484	Warren	4,188
Fairhaven	5,122	Watertown	12,875
Fall River	119,295	Webster	11,509
Falmouth	3,144	Wellesley	5,413
Fitchburg	37,826	West Springfield	9,224
Foxborough	3,865	Westborough	6,446
Franklinham	12,948	Westfield	16,044
Franklin	5,641	Weymouth	12,885
Gardner	14,699	Whitman	7,292
Gloucester	24,398	Williamstown	3,703
Grafton	5,705	Winchenden	5,678
Great Barrington	5,926	Winchester	9,309
Greenfield	10,427	Wintarop	10,132
Hardwick	3,524	Woburn	15,308
Haverhill	44,115	Worcester	145,936
Hingham	4,965		
Holyoke	57,730		
Hudson	6,743		
Hyde Park	15,507		
Ipswich	5,777		
Lawrence	85,773		
Leicester	3,337		
Leicester	3,337		
Lebox	3,060		
Leominster	17,580		
Lexington	4,918		
Lowell	106,294		
Ludlow	4,943		
Lynn	89,336		
Malden	44,404		
Mansfield	5,183		
Marblehead	7,338		
Marlborough	14,579		
Maynard	6,390		
Medfield	3,466		
Medford	23,150		
McLose	15,719		
Methuen	38,550		
Middleborough	8,214		
Milford	13,055		
Milbury	4,740		
Milton	7,924		
Monson	4,759		
Montague	6,866		
Natick	9,866		
Needham	5,026		
New Bedford	96,652		
Newburyport	14,949		
Newton	39,806		
North Adams	22,019		
North Andover	5,529		
N. Attleborough	9,562		
North Brookfield	3,076		
Northampton	19,431		
Northbridge	8,807		
Norwood	8,014		
Orange	5,282		
Oxford	3,361		
Palmer	8,610		
Peabody	15,721		
Pittsfield	32,121		
Plymouth	12,141		
Provincetown	4,369		
Quincy	32,642		
Randolph	4,301		
Reading	5,818		
Revere	18,219		
Rockland	9,929		
Rockport	4,211		
Salem	43,697		
Saugus	8,047		
Somerville	77,236		
Southbridge	12,592		
South Hadley	4,894		
Spencer	6,740		
Springfield	88,926		
Stoneham	7,090		
Stoughton	6,316		

MICHIGAN.

Adrian	10,763
Albion	5,333
Allegan	3,419
Alpena	12,706
Ann Arbor	14,817
Battle Creek	25,285
Bay City	45,166
Belding	4,119
Benton Harbor	9,185
Bessemer	4,583
Big Rapids	4,519
Bozette	5,218
Cadillac	8,375
Charlotte	4,886
Cleboygan	6,859
Coldwater	5,945
Crystal Falls	3,775
Detroit	465,766
Dowagiac	5,083
Escanaba	13,194
Flint	38,550
Gladstone	4,211
Grand Haven	5,856
Grand Rapids	112,571
Greenville	4,045
Hamtramck	3,559
Hancock	8,981
Hastings	4,383
Highland Park	4,120
Hillsdale	5,001
Holland	10,490
Houghton	5,113
Ionia	5,030
Iron Mountain	9,286
Ironwood	12,821
Ishpeming	12,448
Jackson	31,433
Kalamazoo	39,437
Lansing	31,229
Lapeer	3,946
Leauville	8,537
Ludington	9,132
Manistee	12,381
Manistique	4,723
Marine City	3,770
Marquette	11,503
Marshall	4,256
Marquette	10,507
Monroe	6,893
Mount Clemens	7,707
Mount Pleasant	3,972
Muskegon	24,062
Negaunee	8,460
Niles	5,156
Norway	4,974
Owosso	9,639
Petoskey	4,778
Pontiac	14,532
Port Huron	18,863
Red Jacket	4,211
River Rouge	4,163

Saginaw	50,510
St. Johns	3,154
St. Joseph	5,936
Sault Ste. Marie	12,615
South Haven	3,577
Sturgis	3,635
Three Rivers	5,072
Traverse City	12,115
Wyandotte	8,287
Ypsilanti	6,230

MINNESOTA.

Albert Lea	6,192
Alexandria	3,001
Anoka	3,972
Austin	6,960
Beaumont	5,099
Brainerd	5,526
Chisholm	7,584
Cloquet	7,031
Crookston	7,559
Duluth	78,466
Ely	3,572
Eveleth	7,036
Faribault	9,001
Fergus Falls	6,887
Hastings	3,983
Hibbing	8,332
Lake City	3,142
Little Falls	6,078
Mankato	10,365
Minneapolis	301,408
Montevideo	8,056
Moorhead	4,840
New Ulm	5,648
Northfield	3,265
Owatonna	5,658
Red Wing	9,048
Rochester	7,844
St. Cloud	10,600
St. Paul	214,744
St. Peter	4,176
South St. Paul	4,510
Stillwater	10,198
Twin River Falls	3,714
Two Harbors	4,990
Virginia	10,473
Waseca	3,054
West Minneapolis	3,022
Willmar	4,135
Winona	18,583

MISSISSIPPI.

Aberdeen	3,709
Bay St. Louis	3,338
Biloxi	8,049
Brookhaven	5,293
Canton	3,929
Clarksdale	4,079
Columbus	8,988
Corinth	5,020
Greenville	9,610
Greenwood	6,836
Gulfport	6,386
Hattiesburg	11,733
Jackson	21,262
Laurel	8,465
McComb	6,237
Meridian	23,285
Moss Point	3,054
Natchez	11,791
Pascagoula	3,379
Tupelo	3,881
Vicksburg	20,814
Water Valley	4,275
West Point	4,864
Yazoo	6,796

MISSOURI.

Aurora	4,148
Boonville	4,252
Brookfield	5,749
Cape Girardeau	8,475
Carrollton	2,452
Cartersville	4,539
Carthage	9,483
Caruthersville	3,655
Charleston	3,144
Chillicothe	6,265

Clinton	4,992
Columbia	9,662
De Soto	4,721
Excelsior Springs	3,900
Flat River	5,122
Fulton	5,238
Hannibal	13,341
Independence	9,859
Jefferson	12,350
Joplin	32,073
Kansas City	245,381
Kennett	3,033
Kirksville	6,347
Kirkwood	4,171
Lexington	6,242
Louisiana	4,454
Macon	5,554
Maplewood	4,976
Marceline	3,920
Marshall	4,869
Maryville	4,762
Mexico	5,939
Moberly	10,923
Monette	4,177
Neosho	3,661
Nevada	7,176
Poplar Bluffs	6,916
Richmond	3,664
St. Charles	9,437
St. Joseph	77,403
St. Louis	687,029
Sedalia	17,822
Sikeston	3,327
Slater	3,238
Springfield	35,201
Trenton	5,656
Warrensburg	4,689
Washington	3,670
Webb	11,817
Webster Groves	7,080
Wellston	7,312

MONTANA.

Anaconda	10,134
Billings	10,031
Bozeman	5,107
Butte	39,165
Deer Lodge	2,570
Glenview	2,428
Great Falls	13,948
Hamilton	2,240
Helena	3,624
Helena	12,515
Kalispell	5,549
Lewiston	2,992
Livingston	5,359
Miles City	4,697
Missoula	12,369
Red Lodge	4,860
Walkerville	2,491

NEBRASKA.

Alliance	3,105
Beatrice	9,356
Penon	3,170
Columbus	5,014
Fairbury	5,294
Falls City	3,255
Frederick	8,718
Grand Island	10,326
Hastings	9,939
Heldrege	3,030
Kearney	6,202
Lincoln	48,973
McCook	7,785
Nebraska City	5,488
Norfolk	6,025
North Platte	4,793
Omaha	124,096
Plattsmouth	4,287
South Omaha	26,259
University Place	3,200
York	6,235

NEVADA.

Carson City	2,466
Ely	2,055
Reno	10,867
Sparks	2,500
Virginia City	2,244

NEW HAMPSHIRE.		Secaucus		Lackawanna		Monroe	
Berlin	11,780	Somerville	5,060	Lancaster	4,364	Mooreville	3,400
Claremont	7,529	South Amboy	7,007	Leroy	3,771	Mount Airy	3,844
Concord	21,497	South Orange	6,014	Lestershire	3,776	Newbern	9,961
Conway	3,413	South River	4,772	Little Falls	12,273	Oxford	3,018
Derry	5,123	Summit	7,500	Lockport	17,970	Raleigh	19,218
Dover	13,247	Trenton	96,815	Lyons	4,460	Reidsville	4,829
Exeter	4,897	Union	21,023	Malone	6,467	Rocky Mount	8,061
Franklin	6,432	Vineland	5,283	Mattituck	5,699	Salem	5,533
Haverhill	8,493	Wallington	3,448	Mattawan	6,727	Salisbury	7,153
Keene	10,063	Washington	3,567	Mechanicville	5,634	Shelby	2,127
Laconia	10,182	Westfield	6,420	Medina	5,683	Statesville	4,559
Lancaster	3,054	West Hoboken	35,403	Middletown	15,313	Tarboro	4,129
Lebanon	5,713	West New York	13,560	Mount Vernon	30,919	Thomasville	3,877
Littleton	3,059	West Orange	10,980	New Rochelle	28,867	Washington	6,211
Manchester	70,063	Woodbury	4,642	New York	4,766,883	Wilmington	25,743
Milford	3,939	NEW MEXICO.		Newark	6,227	Wilson	6,717
Nashua	26,005	Albuquerque	11,020	Newburgh	27,805	Winston	17,167
Newmarket	3,348	Artesia	1,833	NORTH DAKOTA.			
Newport	3,765	Carlsbad	1,736	Bismarck	5,443		
Pembroke	3,062	Clovis	3,255	Devils Lake	5,157		
Plymouth	11,263	Deming	1,864	Dickinson	3,679		
Rochester	8,683	Gallup	2,204	Fargo	14,331		
Somersworth	6,704	Las Cruces	3,836	Grand Forks	12,478		
NEW JERSEY.		Las Vegas (city)	3,755	Jamestown	4,358		
Asbury Park	10,150	Las Vegas (town)	3,179	Mandan	8,773		
Atlantic City	46,150	Portals	1,292	Minot	6,189		
Bayonne	55,545	Raton	4,539	Veley City	4,606		
Bloomfield	15,070	Roswell	6,172	Williston	3,124		
Boonton	4,930	Santa Fe	5,072	OHIO.			
Bordentown	4,250	Silver City	3,217	Akron	69,067		
Bound Brook	3,970	Socorro	1,560	Alliance	15,083		
Bridgeton	14,209	Tucumcari	2,526	Ashland	6,795		
Burlington	8,336	NEW YORK.		Ashtabula	18,266		
Camden	94,538	Albany	100,263	Athens	5,463		
Carlstadt	3,807	Albion	5,016	Barberton	9,410		
Cliffside Park	3,394	Amsterdam	31,267	Barnesville	4,233		
Collingswood	4,796	Baburn	34,668	Bellaire	12,946		
Deer Park	7,468	Baldwinsville	3,099	Bellevue	8,238		
East Newark	3,653	Ballston Spa	4,138	Bowling Green	5,222		
East Orange	34,371	Batavia	11,613	Bridgeport	3,974		
East Rutherford	4,275	Bath	3,884	Bryan	3,641		
Elizabeth	73,409	Binghamton	48,443	Bucyrus	8,122		
Englewood	9,924	Brockport	3,579	Byesville	3,156		
Fort Lee	4,472	Buffalo	423,715	Cambridge	11,327		
Freehold	3,233	Canandaigua	7,217	Canal Dover	6,621		
Garfield	10,213	Canastota	3,247	Carlton	50,217		
Glen Ridge	3,260	Carthage	3,563	Carthage	3,618		
Gloucester	9,462	Catskill	5,296	Celina	3,493		
Guttenberg	5,647	Cohoes	24,709	Chillicothe	14,508		
Hackensack	14,059	Corning	13,730	Cincinnati	363,591		
Haddonfield	4,142	Cornwall	11,504	Circleville	6,744		
Hammononton	5,083	Danville	3,938	Cleveland	560,663		
Harrison	14,408	Depew	3,921	Columbus	181,511		
Hawthorne	3,400	Dobbs Ferry	3,455	Conneaut	8,319		
Hoboken	70,324	Dunkirk	17,221	Coshocton	9,603		
Irvington	11,877	East Syracuse	3,274	Crestline	3,807		
Jersey City	287,779	Ellenville	3,114	Crooksville	3,028		
Kearny	18,659	Elmira	37,176	Cuyahoga Falls	4,020		
Keyport	3,554	Fairport	3,112	Dayton	116,577		
Lambertville	4,657	Fishkill Landing	3,902	Defiance	7,327		
Lodi	4,138	Fort Edward	3,762	Delaware	9,076		
Long Branch	13,299	Frankfort	3,303	Delphos	5,039		
Madison	4,658	Fredonia	5,285	Dennison	4,008		
Millville	12,451	Fulton	4,836	East Cleveland	9,744		
Mantoloking	21,550	Geneva	10,488	East Liverpool	20,387		
Morristown	14,408	Glen Falls	15,243	East Palestine	3,537		
Newark	347,469	Gloversville	20,643	East Youngstown	4,972		
New Brunswick	23,388	Goshen	3,081	Eaton	3,187		
Newton	4,467	Gouverneur	4,123	Elmwood Place	3,423		
North Plainfield	6,117	Granville	3,920	Elyria	14,825		
Nutley	6,009	Green Island	4,737	Fiadlay	14,858		
Orange	29,630	Greenport	3,080	Fostoria	9,597		
Passaic	54,773	Hastings-Upon		Freemont	9,939		
Paterson	125,600	Hudson	4,552	Gallion	7,214		
Perth Amboy	32,121	Haverstraw	5,669	Gallipolis	5,560		
Philipsburg	13,903	Hempstead	4,964	Glad	3,736		
Plainfield	20,550	Herkimer	7,520	Glenn	4,238		
Pleasantville	4,390	Hosack Falls	5,530	Greenville	6,235		
Princeton	14,408	Hornell	16,617	Hamilton	35,279		
Rahway	9,327	Hudson	11,417	Hillsboro	4,296		
Raritan	3,672	Hudson Falls	5,189	Ironton	13,147		
Red Bank	7,393	Ilion	6,588	Jackson	5,468		
Ridgewood	5,416	Ithaca	14,302	Kent	4,488		
Roosevelt	5,786	Jamestown	31,297	Kenton	7,185		
Roselle Park	3,138	Johnstown	10,447	Lakewood	15,181		
Rutherford	7,045	Kingston	25,908				
Salem	6,614						

Lancaster	13,093	Norman	3,724	Dunmore	17,615	New Castle	36,280
Lima	30,580	Nowata	3,673	Duquesne	15,727	New Kensington	7,707
Lisbon	3,084	Oklahoma City	64,205	Duryea	7,487	Norristown	27,876
Lockland	3,439	Okmulgee	4,176	East Conemaugh	5,046	North Braddock	11,824
Logan	4,850	Perry	3,133	East Mauch Chunk	3,548	Northampton	8,729
London	3,530	Sapulpa	8,283	East Pittsburgh	5,615	Northumberland	3,517
Lorain	28,883	Shawnee	12,474	East Stroudsburg	3,330	Oakmont	3,436
Madisonville	5,193	Stillwater	3,444	Easton	28,523	Oil City	15,657
Mansfield	20,768	Sulphur	3,684	Edwardsville	3,407	Old Forge	11,324
Marletta	12,923	Tulsa	18,182	Ellwood City	3,902	Ollyphant	8,505
Marion	18,232	Vinita	4,082	Emaus	3,501	Orphans	4,338
Martins Ferry	9,133	Wagoner	4,018	Ephrata	3,192	Patton	3,907
Marysville	3,576			Etta	66,526	Per Argyr	3,967
Massillon	13,879			Exeter	5,830	Philadelphia	1,549,008
Miamisburg	4,271			Ford City	3,537	Philipsburg	3,685
Middleport	3,194			Forest City	4,850	Pocahontas	10,743
Middletown	13,152			Frackville	5,749	Pittsair	4,976
Mingo Junction	4,049			Franklin	3,118	Pittsburgh	533,905
Mount Vernon	9,087			Freedom	9,767	Pittston	16,267
Napoleon	4,007			Freeland	3,060	Plymouth	16,996
Nelsonville	6,082			Galeton	6,197	Pottsville	15,599
New Philadelphia	8,543			Gallatin	4,027	Pottsville	20,236
Newark	25,404			Gettysburg	3,504	Quakertown	3,801
Newburgh	5,813			Gilberton	4,030	Rankin	6,042
Niles	8,861			Girardville	5,401	Reading	96,071
Norwalk	7,858			Gladstone	4,396	Renovo	4,621
Norwood	16,187			Greaser	5,540	Reynoldsville	3,189
Oberlin	3,365			Greenville	9,058	Ridgway	5,408
Orville	4,101			Grove City	13,012	Royersford	5,903
Painesville	5,501			Hanover	5,909	St. Clair (Alle-	3,073
Piqua	13,388			Harrisburg	7,057	gheny)	5,640
Pomeroy	4,023			Hazleton	64,186	St. Clair (Schuy-	
Port Clinton	3,007			Hollidaysburg	25,452	kill)	6,455
Portsmouth	23,481			Homestead	3,734	St. Marys	6,436
Ravenna	5,310			Huntingdon	18,713	Sayre	6,426
Reading	3,985			Indiana	6,861	Schuykill Haven	4,747
Rockport	3,179			Jennette	5,749	Scranton	5,456
St. Bernard	5,002			Jermyn	8,077	Sewickley	129,867
St. Marys	5,732			Jersey Shore	3,158	Shamokin	4,479
Salem	8,943			Johnsonburg	5,381	Sharon	15,270
Sandusky	19,889			Johnstown	4,334	Sharpsburg	8,153
Shelby	4,903			Juniata	55,482	Sharsville	3,634
Sidney	6,607			Kane	5,286	Shenandoah	26,774
Springfield	46,921			Kingston	6,626	Shippensburg	25,457
Steubenville	22,391			Kittanning	6,449	Slaton	4,454
Struthers	3,370			Knoxville	4,311	South Bethlehem	19,973
Tiffin	11,894			Lancaster	5,651	South Brownsville	3,943
Toledo	168,497			Lansford	47,227	South Fork	4,592
Toronto	4,271			Lansdale	8,321	South Sharon	10,190
Troy	6,122			Larksville	3,551	South Williamspt	3,734
Uhrichsville	4,751			Landsdowne	4,066	Steelton	14,246
Upper Sandusky	3,779			Larksville	9,288	Stroudsburg	4,379
Urbana	7,759			Latrobe	8,777	Summit Hill	4,209
Van Wert	7,157			Lebanon	19,240	Sunbury	13,770
Wadsworth	3,073			Leechburg	3,624	Susquehanna	3,478
Wapakoneta	5,349			Lehigh	5,316	Swissvale	7,381
Warren	11,081			Lewisburg	3,081	Swyersville	5,396
Washington Court				Lehigh	3,081	Tamaqua	9,462
House	7,277			Lewistown	8,166	Tarentum	7,414
Wellston	6,875			Lockhaven	7,772	Thayor	9,060
Wellsville	7,769			Luzerne	5,425	Throop	5,133
Wilmington	4,491			McAdoo	3,389	Titusville	8,533
Wooster	6,136			McKees Rocks	14,702	Towanda	4,281
Xenia	8,706			McKeesport	42,694	Turtle Creek	4,995
Youngstown	79,066			Mahanoy City	15,936	Tyone	7,176
Zanesville	28,026			Mauch Chunk	3,952	Union City	3,684
				Mayfield	3,662	Uniontown	13,344
				Meadville	12,780	Vandergrift	3,976
				Mechanicsburg	4,469	Vandergrift Hgts.	3,438
				Media	3,562	Warren	11,080
				Meyersdale	3,741	Washington	18,778
				Middletown	5,874	Waynesboro	7,199
				Millvale	7,861	Waynesburg	3,545
				Milton	7,460	Wellsville	3,183
				Miners Mills	7,240	West Berwick	5,512
				Monaca	3,376	West Chester	11,767
				Monessen	11,775	West Hazleton	4,715
				Monongahela	7,598	West Homestead	3,009
				Moosic	3,964	West Pittston	6,849
				Mount Carmel	17,532	Wilkes-Barre	67,105
				Mount Oliver	4,241	Wilksburg	18,924
				Mount Pleasant	5,812	Williamsport	31,860
				Mount Union	3,338	Wilmerding	6,193
				Munhall	6,185	Windber	8,013
				Nanticoke	18,877	Wyoming	2,280
				Nazareth	3,978	Wyoming	3,010
				New Brighton	8,329	York	44,750

OREGON.

Albany	4,275
Ashland	6,020
Astoria	9,599
Baker City	6,742
Corvallis	4,552
Eugene	9,009
Grants Pass	3,897
LaGrande	4,843
Medford	8,840
Oregon City	4,287
Pendleton	4,460
Portland	207,214
Roseburg	4,738
St. Johns	4,872
Salem	14,094
The Dalles	4,880

PENNSYLVANIA.

Allentown	51,913
Altamora	52,187
Ambridge	3,205
Apollo	3,006
Archbald	7,194
Ashland	6,855
Ashley	5,601
Athens	3,796
Avalon	4,317
Avoca	4,634
Bangor	5,369
Barnesboro	3,535
Beaver	3,456
Beaver Falls	12,191
Bellefonte	4,145
Bellvue	6,328
Berwick	5,357
Bethlehem	12,837
Blairsville	3,572
Blakely	5,345
Bloomsburg	7,413
Brackenridge	3,134
Bradock	19,367
Bradford	14,544
Bridgeport	3,860
Bristol	9,256
Brookville	3,003
Butler	20,729
Canonsburg	3,891
Cardale	17,400
Carlisle	10,303
Carnegie	10,009
Carrick	6,117
Catasauqua	5,250
Chambersburg	11,800
Charleroi	9,615
Chester	38,537
Clariton	3,326
Cleardfield	6,851
Clifton Heights	3,155
Coaldale	5,164
Coatesville	11,084
Columbia	11,454
Connellsville	12,845
Cornshocken	7,480
Corapolis	5,262
Corry	5,991
Coudersport	3,100
Crafton	4,583
Danville	7,517
Darby	6,305
Dickson City	9,331
Dcnora	8,174
Dorranceton	4,046
Downington	3,326
Doylestown	3,304
Dubois	12,623

POPULATION OF CITIES BY COLOR, NATIVITY AND PARENTAGE.

For places of 250,000 or more inhabitants.

[From census bureau report, 1912.]

City.	Total population.	Native white.		Foreign born	Negro.	All other.*
		Native.	Mixed parentage.			
New York.....	4,766,883	921,318	1,820,148	1,927,713	91,709	5,994
Chicago.....	3,185,283	445,139	912,701	781,217	44,103	2,123
Philadelphia.....	1,549,008	584,008	496,785	382,578	84,459	1,178
St. Louis.....	687,029	269,836	246,946	125,706	43,960	581
Boston.....	670,585	157,870	257,104	240,722	13,564	1,325
Cleveland.....	560,663	132,314	223,908	195,703	8,448	290
Baltimore.....	558,485	261,474	134,870	77,043	84,749	349
Pittsburgh.....	533,905	176,089	191,483	140,436	25,623	274
Detroit.....	467,766	115,106	188,255	156,565	5,741	99
Buffalo.....	423,715	119,692	183,673	118,444	1,773	133
San Francisco.....	416,912	115,359	153,781	130,874	1,642	15,256
Milwaukee.....	373,867	78,823	182,530	111,456	980	68
Cincinnati.....	363,591	154,937	132,190	66,792	19,639	33
Newark.....	347,469	94,737	132,559	110,655	9,475	252
New Orleans.....	339,075	147,473	77,424	27,686	89,262	410
Washington.....	331,069	166,111	45,066	24,351	94,446	495
Los Angeles.....	319,198	169,967	74,756	60,584	7,539	6,292
Minneapolis.....	301,408	96,186	116,548	85,938	2,592	144
Jersey City.....	267,779	74,861	109,101	77,697	5,960	160

*Includes Chinese, Japanese and other Asiatics and Indians.

PER CENT DISTRIBUTION OF TOTAL POPULATION.

City.	Foreign or Foreign			Negro.	City.	Foreign or Foreign			Negro.
	Native.*	mixed.†	born.‡			Native.*	mixed.†	born.‡	
New York.....	19.3	38.2	40.4	1.9	Milwaukee.....	21.1	48.8	29.8	0.3
Chicago.....	20.4	41.8	35.7	2.0	Cincinnati.....	42.6	36.4	15.6	5.4
Philadelphia.....	37.7	32.1	24.7	5.5	Newark.....	27.3	38.1	31.8	2.7
St. Louis.....	39.3	35.9	18.3	6.4	New Orleans.....	43.5	21.9	8.2	26.3
Boston.....	23.5	38.3	35.9	2.0	Washington.....	50.4	13.6	7.4	28.5
Cleveland.....	23.6	39.9	34.9	1.5	Los Angeles.....	53.2	23.4	19.0	2.4
Baltimore.....	46.8	24.1	13.3	15.2	Minneapolis.....	31.9	38.7	28.5	0.9
Pittsburgh.....	33.0	35.9	26.3	4.8	Jersey City.....	28.0	40.7	29.0	2.2
Detroit.....	24.7	40.4	33.6	1.2					
Buffalo.....	28.2	43.3	28.0	0.4					
San Francisco.....	27.7	36.9	31.4	0.4					

*Native white of native parentage. †Native white of foreign or mixed parentage. ‡White.

AREA OF THE UNITED STATES IN SQUARE MILES.

Arranged according to rank in gross area.

State.	Rank.	Gross.	Land.	Water.*	State.	Rank.	Gross.	Land.	Water.*
Texas.....	1	265,896	262,398	3,498	Massachusetts.....	44	8,266	8,039	227
California.....	2	158,297	155,552	2,745	New Jersey.....	45	8,224	7,514	710
Montana.....	3	146,997	146,201	796	Connecticut.....	46	4,965	4,480	145
New Mexico.....	4	122,634	122,503	131	Delaware.....	47	2,370	1,965	405
Arizona.....	5	113,956	113,810	146	Rhode Island.....	48	1,248	1,067	180
Nevada.....	6	110,690	109,821	869	District of Columbia.....	49	70	60	10
Colorado.....	7	103,948	103,658	290					
Wyoming.....	8	97,914	97,594	320	Total.....		3,026,789	2,973,890	52,899
Oregon.....	9	96,699	95,607	1,092					
Utah.....	10	84,990	82,184	2,806					
Minnesota.....	11	84,682	80,858	3,824					
Idaho.....	12	83,888	83,354	534					
Kansas.....	13	82,158	81,774	384					
South Dakota.....	14	77,615	76,868	747					
Nebraska.....	15	77,520	76,532	988					
North Dakota.....	16	70,837	70,313	524					
Oklahoma.....	17	70,057	69,414	643					
Missouri.....	18	69,420	68,727	693					
Washington.....	19	69,127	66,836	2,291					
Georgia.....	20	59,265	58,725	540					
Florida.....	21	58,666	54,861	3,805					
Michigan.....	22	57,980	57,480	500					
Illinois.....	23	56,665	56,043	622					
Iowa.....	24	56,147	55,586	561					
Wisconsin.....	25	56,066	55,256	810					
Arkansas.....	26	53,335	52,565	810					
North Carolina.....	27	62,426	48,740	3,686					
Alabama.....	28	51,998	51,279	1,550					
New York.....	29	49,204	47,054	2,150					
Louisiana.....	30	48,506	46,409	2,097					
Mississippi.....	31	46,865	46,362	503					
Pennsylvania.....	32	45,126	44,322	294					
Virginia.....	33	42,627	40,282	2,365					
Tennessee.....	34	42,022	41,687	335					
Ohio.....	35	41,040	40,740	300					
Kentucky.....	36	40,598	40,181	417					
Indiana.....	37	36,354	36,045	309					
Maine.....	38	33,040	29,895	3,145					
South Carolina.....	39	30,989	30,495	494					
West Virginia.....	40	24,170	24,022	148					
Maryland.....	41	12,327	9,941	2,386					
Vermont.....	42	9,564	9,134	440					
New Hampshire.....	43	9,341	9,031	310					

*Does not include water surface of oceans, the Gulf of Mexico or the great lakes lying within the jurisdiction of the United States.

AREA (SQUARE MILES) BY CENSUS YEARS.

Year.	Gross.	Land.	Water.
1910.....	3,026,789	2,973,890	52,899
1900.....	3,026,789	2,974,159	52,630
1890.....	3,026,789	2,973,965	52,824
1880.....	3,026,789	2,973,965	52,824
1870.....	3,026,789	2,973,965	52,824
1860.....	3,026,789	2,973,965	52,824
1850.....	2,997,119	2,944,337	52,782
1840.....	1,792,223	1,753,583	38,635
1830.....	1,792,223	1,753,583	38,635
1820.....	1,792,223	1,753,583	38,635
1810.....	1,720,122	1,685,865	34,257
1800.....	892,135	867,980	24,155
1790.....	892,135	867,980	24,155

The water area does not include the surface of the oceans, the Gulf of Mexico or the great lakes lying within the jurisdiction of the United States.

INCREASE IN AREA OF THE UNITED STATES.

Accession.	Gross area in square miles.	Area.
Area in 1790.....		892,135
Louisiana purchase, 1803.....		227,987
Florida, 1819.....		58,666
Treaty with Spain, 1819.....		13,435
Texas, 1845.....		389,166
Oregon, 1846.....		286,541
Mexican cession, 1848.....		529,189
Gadsden purchase, 1853.....		29,670
Total continental.....		3,026,789

Alaska, 1867.....	590,884
Hawaii, 1898.....	6,449
Philippines, 1899.....	115,026
Porto Rico, 1899.....	3,435
Guam, 1899.....	210
Samoa, 1900.....	77
Panama canal zone, 1904.....	436

Total outlying.....	716,517
Grand total United States.....	3,743,306

POPULATION PER SQUARE MILE BY STATES.

State.	1910.	1900.	1890.	1880.
Alabama.....	41.7	35.7	29.5	24.6
Arizona.....	1.8	1.1	0.8	0.4
Arkansas.....	30.0	25.0	21.5	15.3
California.....	15.3	9.5	7.8	5.5
Colorado.....	7.7	5.2	4.0	1.9
Connecticut.....	231.3	188.5	154.8	129.2
Delaware.....	103.0	94.0	85.7	74.8
District of Columbia.....	5517.8	4645.3	3972.3	3062.5
Florida.....	13.7	9.6	7.1	4.9
Georgia.....	44.4	37.7	31.3	26.3
Idaho.....	3.9	1.9	1.1	0.4
Illinois.....	100.6	86.1	68.3	55.0
Indiana.....	74.9	70.1	61.1	55.1
Iowa.....	40.0	40.2	34.4	29.2
Kansas.....	20.7	18.0	17.5	12.2
Kentucky.....	57.0	53.4	46.3	41.0
Louisiana.....	36.5	30.4	24.6	20.7
Maine.....	24.8	25.2	22.1	21.7
Maryland.....	130.3	119.5	104.9	94.0
Massachusetts.....	418.8	349.0	278.5	221.8
Michigan.....	48.9	42.1	36.4	28.5
Minnesota.....	25.7	21.7	16.2	9.7
Mississippi.....	38.8	33.5	27.8	24.4
Missouri.....	47.9	45.2	39.0	31.6
Montana.....	2.6	1.7	1.0	0.3
Nebraska.....	15.5	13.9	13.8	5.9
Nevada.....	0.7	0.4	0.4	0.6
New Hampshire.....	47.7	45.6	41.7	38.4
New Jersey.....	337.7	250.7	192.3	150.5
New Mexico.....	2.7	1.6	1.3	1.0
New York.....	191.2	152.5	126.0	106.7
North Carolina.....	45.3	38.9	32.2	28.7
North Dakota.....	2.2	4.5	2.7	7.5
Ohio.....	107.2	110.1	90.1	78.5
Oklahoma.....	23.9	11.4	13.7	4.3
Oregon.....	7.0	4.3	3.3	1.8
Pennsylvania.....	171.0	140.6	117.3	95.5
Rhode Island.....	508.5	401.6	328.8	259.2
South Carolina.....	49.7	44.0	37.7	32.6
South Dakota.....	7.6	5.2	4.5	*
Tennessee.....	52.4	48.5	42.4	37.0
Texas.....	14.8	11.6	8.5	6.1
Utah.....	4.5	3.4	2.6	1.8
Vermont.....	39.0	37.7	36.4	36.4
Virginia.....	51.2	46.1	41.1	37.6
Washington.....	17.1	7.3	5.3	1.1
West Virginia.....	50.8	39.9	31.8	25.7
Wisconsin.....	42.2	37.4	30.6	23.3
Wyoming.....	1.5	0.9	0.6	0.8

United States.....	30.9	25.6	21.2	16.9
--------------------	------	------	------	------

*North Dakota territory, 0.9. †Oklahoma and Indian territory combined. ‡Less than one-tenth.

Alaska with a gross area of 590,884 square miles has a population of 0.1 per square mile; Hawaii, 6,449 square miles, 29.8 per square mile, and Porto Rico, 3,435 square miles, 325.5 per square mile.

NOTE—The density of population is obtained by dividing the population of each state and of continental United States by its total land area in square miles at each census.

POPULATION PER SQUARE MILE LAND AREA.

Census year.	Continental United States.	Persq. mile.
1910.....	91,972,266	*2,973,890 30.9
1900.....	75,994,575	2,974,159 25.6
1890.....	62,947,714	2,973,965 21.2
1880.....	50,155,783	2,973,965 16.9
1870.....	38,558,371	2,973,965 13.0
1860.....	31,443,321	2,973,965 10.6
1850.....	23,191,876	2,944,337 7.9
1840.....	17,009,453	1,753,558 9.7
1830.....	12,956,020	1,753,558 7.3
1820.....	9,639,493	1,753,558 5.5
1810.....	7,239,881	1,685,865 4.3
1800.....	5,308,483	867,980 6.1
1790.....	3,929,214	867,980 4.5

*Net reduction of 269 square miles of land due to drainage of lakes and swamps in Illinois and Indiana (201 square miles of land), the building of the Roosevelt and Laguna reservoirs and the overflow of the Colorado river into the Salton sea in California (470 square miles of water surface).

ACRES PER INHABITANT.

Census year.	Population.	Per inhabitant.
1910.....	91,972,266	1,903,289,600 20.7
1900.....	75,994,575	1,903,461,760 25.0
1890.....	62,947,714	1,903,337,600 30.2

BY STATES AND DIVISIONS (1910).

State and div.	Acres.	State and div.	Acres.
Maine.....	25.8	North Carolina.....	14.1
New Hampshire.....	13.4	South Carolina.....	12.9
Vermont.....	16.4	Georgia.....	14.4
Massachusetts.....	1.5	Florida.....	46.7
Rhode Island.....	1.5	South Atlantic.....	14.1
Connecticut.....	2.8	Kentucky.....	11.2
New England.....	6.1	Tennessee.....	12.2
New York.....	3.3	Alabama.....	15.3
New Jersey.....	1.9	Mississippi.....	16.5
Pennsylvania.....	3.7	East South Central.....	13.7
Middle Atlantic.....	3.3	Arkansas.....	21.4
Ohio.....	5.5	Louisiana.....	17.5
Indiana.....	8.5	Oklahoma.....	26.8
Illinois.....	6.4	Texas.....	43.1
Michigan.....	13.1	West South Central.....	31.3
Wisconsin.....	15.2	Montana.....	248.8
East North Central.....	8.6	Idaho.....	163.8
Minnesota.....	24.9	Wyoming.....	427.9
Iowa.....	16.0	Colorado.....	83.0
Missouri.....	13.4	New Mexico.....	29.5
North Dakota.....	77.8	Arizona.....	356.4
South Dakota.....	84.3	Utah.....	149.9
Nebraska.....	41.2	Nevada.....	858.4
Kansas.....	31.0	Mountain.....	208.8
West North Central.....	28.1	Washington.....	37.5
Delaware.....	6.2	Oregon.....	91.0
Maryland.....	4.9	California.....	41.9
District of Columbia.....	0.1	Pacific.....	48.6
Virginia.....	12.5	Continental U. S.....	20.7
West Virginia.....	12.6		

FOREIGN-BORN POPULATION OF THE UNITED STATES.

The following table, prepared by Statistician William C. Hunt of the bureau of the census, gives the distribution of the foreign born white population of the United States according to country of birth, as shown by the returns of the census taken as of April 15, 1910:

Country.	1910.	1900.	%Increase.
Austria-Hungary.....	1,653,700	636,968	1,021,732
Austria.....	1,190,200	491,259	698,941
Hungary.....	463,500	145,709	322,791
Germany.....	2,499,200	2,813,413	-314,213
Great Britain.....	1,221,400	1,166,883	54,517
England.....	875,400	839,830	35,570
Scotland.....	263,400	233,473	29,927
Wales.....	82,600	93,560	-10,960
Ireland.....	1,351,400	1,615,232	-263,832

Country.	1910.	1900.	%Increase.
Italy.....	1,341,800	483,963	857,837
Russia and Finland.....	1,706,900	640,710	1,066,190
Russia.....	1,577,300	578,072	999,228
Finland.....	129,600	62,638	66,962
Norway, Sweden, Denmark.....	1,250,500	1,062,124	188,376
Norway.....	403,500	336,379	67,121
Sweden.....	665,500	571,986	93,514
Denmark.....	181,500	153,759	27,741
Other Europe.....	749,300	450,036	299,264
France.....	117,100	104,031	13,069
Greece.....	101,100	8,513	92,587
Holland.....	120,000	104,922	15,078
Switzerland.....	124,800	115,581	9,219
All other.....	286,300	116,989	169,311
Canada and Newfoundland.....	1,198,000	1,172,745	25,255

Country.	1910.	1900.	*Increase.
Mexico	218,800	101,908	116,892
All other countries.....	146,500	69,855	76,645

Total 13,342,500 10,213,817 3,128,683

*A minus sign (—) denotes decrease.

PER CENT INCREASE, 1900-1910.

Country.	Pct. of total.	Per cent
	1910.	1900. increase.
Germany	18.7	27.5 —11.2
Ireland	10.1	15.8 —16.3
Great Britain	9.2	11.4 4.7
Canada and Newfoundland	9.0	11.5 2.2
Norway, Sweden and Denmark	9.4	10.4 17.7
Austria-Hungary	12.4	6.2 160.4
Italy	10.1	4.7 177.3
Russia and Finland	12.8	6.3 166.4
Other Europe	5.6	4.4 66.5
Mexico	1.6	1.0 114.7
All other countries.....	1.1	0.7 109.7

Total 100.0 100.0 30.6

*Per cent increase 1900 to 1910.

IMMIGRATION FROM 1821 TO 1870.

From 1821 to 1870 natives of Germany, Great Britain, Ireland, Scandinavia and Canada together contributed substantially nine-tenths of all the immigrants to this country, but since 1870 their proportion of the total number has steadily declined—from somewhat more than four-fifths for 1871-1880 to three-fourths for 1881-1890, about two-fifths for 1891-1900 and only a little more than one-fifth for 1901-1910.

Immigrants from Austria-Hungary, Italy and Russia, on the other hand, constituted less than 1 per cent of all the immigrants from 1821 to 1870, but since then their proportion has steadily increased—from about one-sixteenth for 1871-1880 to one-sixth for 1881-1890, one-half for 1891-1900 and very nearly two-thirds for 1901-1910.

FOREIGN BORN IN STATES AND CITIES.

The following tables show the number of foreign born persons in certain states and important cities in 1910, according to bulletins issued by the bureau of the census in 1912:

ILLINOIS AND CHICAGO.

Illinois.		Chicago.	
Country.	1910.	1900.	1910.
Australia	560	396	303
Austria	164,966	67,072	133,201
Belgium	9,259	4,394	2,526
Bulgaria	1,331	.....	221
Canada—French	7,427	9,102	4,633
Canada—Other.....	37,668	41,128	26,232
Denmark	17,350	15,684	11,466
England	60,333	64,364	27,890
Finland	2,390	859	1,191
France	7,966	7,753	3,030
Germany	318,684	369,649	181,987
Greece	10,061	5,570	6,601
Holland	14,402	21,916	6,632
Hungary	37,494	6,734	27,496
Ireland	93,381	114,553	65,922
Italy	72,100	23,521	45,111
Luxemburg	793	421	612
Mexico	663	134	179
Norway	32,896	29,979	24,170
Portugal	776	198	325
Roumania	4,306	312	3,344
Russia	149,366	45,790	122,035
Scotland	20,752	20,021	10,303
Servia	529	.....	385
Sweden	115,416	99,142	63,035
Switzerland	8,660	9,033	3,493
Turkey (Asia).....	2,836	.....	1,229
Turkey (Europe).....	2,273	286	646
Wales	4,091	4,364	1,818
Not specified...	3,881	6,230	2,191
Total	1,202,560	964,635	781,217

CALIFORNIA AND SAN FRANCISCO.

California.		San Francisco.	
Country.	1910.	1900.	1910.
Atlantic islands	2,780	3,496	136
Australia	3,194	2,267	1,321

California.		San Francisco.	
Country.	1910.	1900.	1910.
Austria	17,330	5,800	4,718
Belgium	1,441	785	439
Canada—French	3,109	2,407	474
Canada—Other.....	41,311	27,363	5,673
Central America	584	475	271
Cuba and other .....	.....	.....	.....
West Indies.....	543	304	192
Denmark	14,201	9,036	3,116
England	48,606	35,732	9,815
Finland	6,043	2,763	1,727
France	17,361	12,248	6,244
Germany	76,208	72,635	24,121
Greece	7,916	370	2,274
Holland	2,303	1,013	500
Hungary	3,126	799	1,197
Ireland	52,440	44,473	23,127
Italy	63,549	22,774	16,917
Mexico	33,384	7,842	1,763
Norway	9,957	5,060	3,765
Pacific islands.....	977	788	311
Portugal	22,574	12,042	629
Roumania	1,119	73	583
Russia	16,850	4,252	4,724
Scotland	13,706	9,467	3,657
South America	1,457	1,102	555
Spain	4,201	893	1,170
Sweden	26,395	14,547	6,969
Switzerland	14,300	10,974	2,588
Turkey (Asia).....	3,759	645	321
Turkey (Europe).....	783	.....	401
Wales	2,414	1,949	401
Not specified.....	3,434	2,001	803
Total	517,355	316,505	130,892

INDIANA AND INDIANAPOLIS.

Indiana.		Indianapolis.	
Country.	1910.	1900.	1910.
Austria	11,830	3,022	1,227
Belgium	2,298	2,576	25
Bulgaria	434	.....	42
Canada—French	789	947	80
Canada—Other.....	4,995	4,946	745
Denmark	900	783	239
England	9,780	10,872	1,184
Finland	215	109	4
France	2,388	2,984	217
Germany	62,177	77,808	7,513
Greece	1,370	82	249
Holland	2,131	1,678	126
Hungary	14,370	1,379	852
Ireland	11,266	16,305	3,255
Italy	6,911	1,327	653
Norway	531	384	13
Roumania	709	64	132
Russia	9,599	2,273	1,251
Scotland	3,419	2,805	396
Sweden	5,081	4,673	158
Switzerland	2,765	3,472	257
Turkey (Asia).....	808	.....	86
Turkey (Europe).....	2,274	74	89
Wales	1,498	2,083	47
Not specified.....	784	1,215	81
Total	159,322	141,861	19,767

IOWA.

Iowa.		Iowa.	
Country.	1910.	1900.	1910.
Austria	15,962	13,156	470
Belgium	929	491	250
Bulgaria	287	.....	.....
Canada—Fr.	944	1,515	21,890
Canada—Other.....	10,588	14,156	25,633
Denmark	17,937	17,102	355
England	16,783	21,027	6,233
France	1,613	1,904	2,455
Germany	98,620	123,276	5,162
Greece	3,358	9,388	26,759
Holland	11,336	453	3,676
Hungary	17,754	28,321	.....
Ireland	5,841	1,198	607
Luxemburg	671	705	475
Mexico .....	.....	.....	2,434
Montenegro.....	.....	.....	231
Norway .....	.....	.....	994
Roumania.....	.....	.....	314
Russia .....	.....	.....	735
Scotland .....	.....	.....	.....
Sweden .....	.....	.....	.....
Switzerland .....	.....	.....	.....
Turkey (Asia).....	.....	.....	.....
Turkey (Europe).....	.....	.....	.....
Wales .....	.....	.....	.....
Not specified.....	.....	.....	.....
Total	273,379	305,782	.....

MASSACHUSETTS AND BOSTON.

Massachusetts.		Boston.	
Country.	1910.	1900.	1910.
Atlantic islands	11,085	4,100	153
Austria	35,509	12,931	1,269
Belgium	1,739	509	681
Canada—French	134,460	134,387	2,895
Canada—Other.	160,712	156,898	47,038
Cuba and other			
West Indies..	813	620	265
Denmark	3,402	2,367	1,031
England	92,411	82,308	13,163
Finland	10,744	5,104	455
France	5,916	3,901	1,073
Germany	30,483	32,926	8,637
Greece	11,407	1,843	1,497
Holland	1,589	993	486
Hungary	1,875	926	405
Ireland	222,883	249,903	66,044
Italy	85,019	28,784	31,380
Newfoundland..	1,752		463
Norway	5,432	3,334	1,914
Portugal	26,698	12,811	1,314
Roumania	854	128	373
Russia	117,248	37,919	41,890
Scotland	28,400	24,328	5,051
Spain	555	228	268
Sweden	39,553	32,189	7,115
Switzerland	1,347	1,277	415
Turkey (Asia)...	12,563		2,087
Turkey (Europe)	3,566	2,893	626
Wales	1,514	1,676	315
Not specified...	2,521	4,736	672
Total	1,051,050	840,114	240,722

MICHIGAN AND DETROIT.

Michigan.		Detroit.	
Country.	1910.	1900.	1910.
Australia	248	123	43
Austria	31,495	10,272	14,486
Belgium	5,672	2,647	2,237
Bulgaria	308		50
Canada—French	28,082	32,422	4,166
Canada—Other..	142,713	150,798	37,767
Denmark	6,313	6,389	411
England	42,721	43,833	9,032
Finland	31,079	18,910	59
France	2,456	2,589	637
Germany	131,508	145,291	44,674
Greece	1,194	134	584
Holland	33,470	30,406	584
Hungary	11,064	835	5,601
Ireland	20,433	29,178	5,584
Italy	16,854	6,178	5,720
Norway	7,638	7,582	225
Portugal	227	10	16
Roumania	522	11	313
Russia	38,009	8,662	18,644
Scotland	9,930	10,338	3,320
Sweden	26,373	26,956	601
Switzerland	2,780	2,616	595
Turkey (Asia)...	1,598		561
Turkey (Europe)	376	101	125
Wales	786	838	170
Born at sea...	446	555	78
Not specified...	1,229	2,522	282
Total	595,524	540,196	156,565

MINNESOTA, MINNEAPOLIS AND ST. PAUL.

Minnesota.		Minneapolis.		St. Paul.	
Country.	1910.	1900.	1910.	1900.	1910.
Austria	37,252	20,896	6,104	3,971	
Belgium	1,456	957	63	70	
Bulgaria	1,008		82	32	
Canada—French	10,977	12,047	1,637	1,067	
Canada—Other..	29,592	35,380	5,855	3,216	
Denmark	16,130	16,298	2,025	1,410	
England	12,136	12,018	2,798	2,136	
Finland	26,692	10,727	861	73	
France	1,460	1,447	273	275	
Germany	109,455	125,183	8,653	14,048	
Greece	1,661	75		130	
Holland	3,542	2,714	209	194	
Hungary	5,310	2,182	1,108	1,856	
Ireland	15,859	22,425	2,867	4,184	

Minnesota.		Minneapolis.		St. Paul.	
Country.	1910.	1900.	1910.	1900.	1910.
Italy	9,668	2,222	653	1,904	
Luxemburg	481	430	46	23	
Montenegro	1,210		120	22	
Norway	105,258	104,895	16,401	4,063	
Roumania	2,008	483	1,412	267	
Russia	17,517	7,286	5,675	4,341	
Scotland	4,351	4,810	1,060	656	
Sweden	122,511	115,475	26,455	11,335	
Switzerland	3,003	3,258	319	544	
Turkey (Asia)...	670	125	167	171	
Turkey (Europe)	529		66	29	
Wales	1,023	1,288	213	73	
Not specified...	2,341	2,309	333	343	
Total	543,010	504,935	85,938	56,524	

MISSOURI AND ST. LOUIS.

Missouri.		St. Louis.	
Country.	1910.	1900.	1910.
Austria	16,546	8,274	11,341
Belgium	998	864	353
Bulgaria	351		79
Canada—French	779	1,049	260
Canada—Other..	7,164	7,510	2,213
Denmark	1,729	1,509	411
England	13,749	15,658	5,221
France	2,790	3,287	1,218
Germany	88,133	110,763	47,709
Greece	2,788		1,812
Holland	988	812	422
Hungary	11,067	902	8,500
Ireland	23,289	31,829	14,268
Italy	12,974	4,343	7,594
Mexico	1,412	137	179
Norway	660	530	204
Roumania	1,524	115	1,055
Russia	21,490	8,339	15,579
Scotland	3,646	3,877	1,310
Sweden	5,650	5,691	1,129
Switzerland	6,142	6,818	2,653
Turkey (Asia)...	1,088		729
Turkey (Europe)	827	88	839
Wales	1,218	1,613	197
Born at sea...	245	328	83
Not specified...	1,544	1,383	818
Total	228,896	215,775	125,706

NEW YORK STATE AND CITY.

New York.		New York city.	
Country.	1910.	1900.	1910.
Australia	1,083	696	791
Austria	249,853	104,532	193,203
Belgium	3,474	1,787	2,249
Canada—French	24,532	27,150	2,844
Canada—Other..	97,829	89,618	23,181
Cuba and other			
West Indies..	6,517	4,087	5,966
Denmark	12,534	8,728	7,989
England	146,386	135,530	78,119
Finland	8,750	4,048	7,400
France	23,401	19,987	18,261
Germany	437,866	499,790	279,242
Greece	10,058	1,573	8,004
Holland	12,636	9,413	4,180
Hungary	91,542	37,168	73,336
Ireland	367,735	425,511	252,528
Italy	471,910	182,243	340,524
Newfoundland..	1,028		859
Norway	24,981	12,601	22,251
Portugal	1,714	854	1,247
Roumania	33,066	10,649	32,210
Russia	558,319	202,953	483,530
Scotland	39,408	33,850	23,098
South America..	2,242	1,063	1,854
Spain	3,722	1,595	3,323
Sweden	53,684	42,704	34,948
Switzerland	16,419	13,676	10,415
Turkey (Asia)...	9,508		6,303
Turkey (Europe)	4,986	1,914	3,679
Wales	7,461	7,304	1,775
Not specified...	6,638	9,099	4,354
Total	2,729,282	1,889,523	1,927,713

1,260,918

NEW JERSEY AND JERSEY CITY.

Country.	New Jersey.		Jersey City.	
	1910.	1900.	1910.	1900.
Austria	58,059	17,644	4,981	1,580
Belgium	1,859	1,197	171	144
Canada—French	1,203	1,105	108	133
Canada—Other..	7,828	5,947	1,004	838
Cuba and other West Indies..	804	590	92	68
Denmark	5,058	3,897	346	319
England	50,272	45,397	4,608	4,637
Finland	1,644	367	681	116
France	6,215	5,541	595	648
Germany	122,939	121,486	16,421	17,887
Greece	1,576	115	179	20
Holland	12,702	10,261	243	145
Hungary	46,006	14,913	1,050	136
Ireland	82,515	94,829	15,834	19,314
Italy	115,337	41,862	12,060	3,832
Norway	5,349	2,296	1,360	647
Roumania	2,215	478	196	51
Russia	93,691	28,397	13,681	3,337
Scotland	17,493	14,209	1,667	1,690
South America..	448	253	32	19
Spain	537	141	72	11
Sweden	10,544	7,335	1,280	897
Switzerland	7,548	6,569	553	442
Turkey	2,774	636	130	32
Wales	1,204	1,194	139	158
Not specified...	2,318	1,471	214	1,050
Total	658,183	430,050	77,697	58,161

OHIO AND CINCINNATI.

Country.	Ohio.		Cincinnati.	
	1910.	1900.	1910.	1900.
Austria	73,162	27,982	1,643	752
Belgium	1,509	600	24	38
Bulgaria	793	.....	61	.....
Canada—French	2,310	2,870	73	100
Canada—Other..	21,068	19,551	868	899
Denmark	1,904	1,468	79	49
England	43,365	44,731	1,872	2,200
Finland	3,990	2,814	19	1
France	5,835	5,600	665	748
Germany	175,130	212,817	28,425	38,304
Greece	2,555	213	180	53
Holland	2,278	1,719	322	369
Hungary	84,657	16,463	6,320	208
Ireland	40,056	55,011	6,223	9,111
Italy	41,581	11,321	2,245	917
Norway	1,101	638	37	12
Portugal	370	116	20	1
Roumania	3,970	100	451	4
Russia	48,752	14,540	4,974	2,320
Scotland	10,704	9,323	458	461
Servia	819	.....	122	.....
Sweden	5,518	3,950	114	111
Switzerland	10,916	12,004	696	656
Turkey (Asia) ..	2,284	.....	264	.....
Turkey (Europe) ..	1,958	163	277	6
Wales	9,392	11,481	177	240
Not specified...	2,268	2,425	192	327
Total	597,245	457,900	56,792	57,887

CLEVELAND AND TOLEDO.

Country.	Cleveland.		Toledo.	
	1910.	1900.	1910.	1900.
Austria	41,942	18,981	888	342
Belgium	90	26	84	49
Bulgaria	23	.....	228	.....
Canada—French	571	759	681	335
Canada—Other..	8,734	7,714	2,424	2,395
Denmark	515	373	118	97
England	11,445	10,617	1,662	1,635
Finland	499	79	5	.....
France	493	482	245	248
Germany	41,310	44,222	15,299	16,194
Greece	275	42	81	20
Holland	1,076	804	55	51
Hungary	31,048	9,558	2,910	647
Ireland	11,316	13,119	1,971	2,684
Italy	10,822	3,065	270	79
Norway	504	248	65	45
Portugal	69	7	20	3

Country.	Cleveland.		Toledo.	
	1910.	1900.	1910.	1900.
Roumania	754	39	83	.....
Russia	25,499	7,726	1,340	1,044
Scotland	2,879	2,178	328	256
Servia	37	.....	6	.....
Sweden	1,653	.....	140	112
Switzerland	1,366	1,288	744	698
Turkey (Asia) ..	686	.....	177	.....
Turkey (Europe) ..	261	41	66	11
Wales	1,313	1,490	61	73
Not specified...	523	497	87	211
Total	195,703	124,354	32,037	27,729

PENNSYLVANIA AND PHILADELPHIA.

Country.	Pennsylvania.		Philadelphia.	
	1910.	1900.	1910.	1900.
Australia	675	475	179	154
Austria	252,083	86,410	19,799	6,393
Belgium	5,248	4,132	478	378
Bulgaria	658	.....	70	.....
Canada—French	1,246	1,450	301	289
Canada—Other..	13,953	13,114	3,641	2,925
Cuba and other West Indies..	868	730	646	593
Denmark	3,049	2,528	1,119	932
England	109,172	114,790	36,641	36,726
Finland	2,411	988	228	103
France	9,991	9,148	2,644	2,511
Germany	194,829	226,776	61,235	73,040
Greece	4,214	465	594	176
Holland	1,266	636	363	257
Hungary	122,471	47,389	12,399	2,781
Ireland	164,991	205,869	83,073	98,395
Italy	196,400	66,651	45,308	17,829
Norway	2,321	1,393	1,142	692
Portugal	533	118	162	24
Roumania	9,249	1,259	5,904	1,036
Russia	239,262	93,708	89,094	35,111
Scotland	32,004	30,382	9,174	8,477
Servia	652	.....	31	.....
South America..	559	224	228	95
Sweden	23,358	24,130	2,429	2,143
Switzerland	7,642	6,706	2,013	1,707
Turkey (Asia) ..	4,513	.....	981	.....
Turkey (Europe) ..	2,706	551	506	197
Wales	29,242	35,449	1,032	1,032
Not specified...	3,513	7,072	1,166	1,673
Total	1,438,719	982,543	382,578	293,669

The foreign born white population of Pittsburgh in 1910 numbered 140,436, as against 114,845 in 1900. The nationalities most numerously represented in 1910 were: Austria, 21,357; Germany, 29,438; Ireland, 18,872; Italy, 14,120; and Russia, 26,371.

WISCONSIN AND MILWAUKEE.

Country.	Wisconsin.		Milwaukee.	
	1910.	1900.	1910.	1900.
Austria	38,862	22,832	11,658	3,962
Belgium	3,783	4,412	83	37
Canada—French	7,970	10,079	218	213
Canada—Other..	16,875	23,832	1,650	1,675
Denmark	16,454	16,171	619	514
England	13,959	17,993	2,086	2,133
Finland	5,893	2,198	113	29
France	1,422	1,637	258	263
Germany	233,018	268,382	64,720	68,968
Greece	2,801	63	1,122	26
Holland	7,379	6,496	615	606
Hungary	10,257	1,123	5,432	331
Ireland	14,047	23,544	1,934	2,653
Italy	9,273	2,172	3,374	726
Norway	56,948	61,575	2,142	1,702
Portugal	260	6	32	4
Roumania	459	53	271	35
Russia	29,786	7,550	12,032	2,380
Scotland	3,893	4,568	655	667
Sweden	25,676	26,196	780	659
Switzerland	7,994	7,665	817	653
Turkey (Asia) ..	815	146	80	66
Turkey (Europe) ..	394	.....	147	.....
Wales	2,515	3,356	231	307
Not specified...	1,836	3,656	355	289
Total	512,569	515,705	111,456	88,948

WHOLESALE PRICES, 1910 AND 1911.

[From bulletin No. 99 of the bureau of labor, Washington, D. C.]

While wholesale prices during 1911 showed a slight decline from those in 1910, the fluctuation from month to month was small, with a slightly upward tendency during the latter half of the year. The most important features in the movement of prices during the year were the advance in the prices of food products and the noticeable decline in those of metals and implements.

The average of wholesale prices in 1911, as measured by the prices of 257 commodities, was 1.7 per cent lower than the average for 1910, but with this decline the level was only 0.2 per cent below the high average of 1907 prices. Wholesale prices during 1911 were 17 per cent higher than in 1909; 44.1 per cent higher than in 1897, the year of lowest prices in the twenty-two year period from 1890 to 1911; 14.5 per cent higher than in 1890 and 29.3 per cent higher than the average price for the ten years 1890 to 1899.

The upward movement of prices which began in the latter part of 1905 reached its highest point in 1907 in October, from which month there was a general decline until August, 1908. Beginning with September, 1908, wholesale prices increased without a break in any month up to March, 1910; in April, May and June prices declined slightly, but from June to December, 1910, they remained at very nearly the same level. Prices in January, 1911, showed a slight decline from those of December, 1910, but through the year 1911 the fluctuation from month to month was small. Wholesale prices in March, 1910, were higher than at any other time in the twenty-two year period from 1890 to 1911, being 10.2 per cent higher than in August, 1908; 7.5 per cent higher than in March, 1909; 21.1 per cent higher than the average yearly price of 1900 and 49.2 per cent higher than the average yearly price of 1897. Wholesale prices in December, 1911, however, were 0.3 per cent lower than in December, 1910, and 3.4 per cent lower than in March, 1910, but they were still 29.2 per cent higher than the average price for the ten years 1890 to 1899 and 44 per cent higher than the prices of 1897.

Comparing 1911 with 1910, the group of commodities showing the greatest decrease in prices was metals and implements, the decrease in the group as a whole being 7.7 per cent. The other decreases were: Cloths and clothing, 3.3 per cent; fuel and lighting, 2.4 per cent; lumber and building materials, 8 per cent; housefurnishing goods, 4 per cent; farm products, 1.6 per cent, and miscellaneous, 1.4 per cent. The only increases were 2.0 per cent in food and 2.3 per cent in drugs and chemicals.

The following table shows the average wholesale prices of certain commodities in the calendar years 1910 and 1911:

FARM PRODUCTS.		1910.	1911.
Commodity.			
Barley, choice to fancy, bu.	.....	\$0.71	\$1.10
Cattle, steers, choice, 100 lbs.	.....	7.77	7.23
Cattle, steers, good, 100 lbs.	.....	7.02	6.73
Corn, cash, bu.	.....	.58	.59
Cotton, upland, middling, lb.	.....	.15	.13
Flaxseed, No. 1, bu.	.....	2.27	2.39
Hay, timothy, No. 1, ton	.....	17.27	19.66
Hides, green, salted, lb.	.....	.15	.15
Hogs, heavy, 100 lbs.	.....	8.94	6.75
Hogs, light, 100 lbs.	.....	9.00	6.73
Horses, New York state, choice, lb.	.....	.26	.36
Horses, draft, good, per head.	.....	221.91	259.75
Mules, 16 hands, per head.	.....	212.50	214.62
Oats, cash, bu.	.....	.39	.38
Poultry, live, fowls, lb.	.....	.17	.14
Rye, No. 2, cash, bu.	.....	.78	.90
Sheep, wethers, good, 100 lbs.	.....	5.54	4.28
Sheep, wethers, plain, 100 lbs.	.....	5.39	3.94
Tobacco, burley, good leaf, 100 lbs.	.....	15.54	11.35
Wheat, cash.	.....	1.10	.98

FOOD, ETC.

Beans, medium, choice, bu.	.....	2.40	2.29
Bread, crackers, oyster, lb.	.....	.07	.07
Bread, crackers, soda, lb.	.....	.07	.07
Bread, loaf (New York market), lb.	.....	.04	.04
Butter, creamery, Elgin, lb.	.....	.30	.26
Canned corn, No. 2, dozen cans.	.....	.98	1.07

Commodity.		1910.	1911.
Canned peas, No. 2, dozen cans.	.....	1.38	1.50
Canned tomatoes, No. 3, dozen cans.	.....	.92	1.11
Cheese, New York state, cream, lb.	.....	.16	.14
Coffee, Rio, No. 7, lb.	.....	.09	.13
Eggs, fresh, fancy, dozen.	.....	.33	.30
Fish, cod, dry, quintal.	.....	6.94	7.96
Fish, herring, split, brl.	.....	7.31	6.86
Fish, mackerel, salt, brl.	.....	14.58	16.00
Fish, salmon, canned, 12 cans.	.....	1.74	2.10
Flour, buckwheat, 100 lbs.	.....	2.14	2.44
Flour, rye, brl.	.....	4.23	4.69
Flour, wheat, spring, brl.	.....	5.60	5.08
Flour, wheat, winter, brl.	.....	4.69	3.98
Fruit, apples, evaporated, lb.	.....	.08	.12
Fruit, currants, in barrels, lb.	.....	.06	.08
Fruit, prunes, in boxes, lb.	.....	.06	.12
Fruit, raisins, California, box.	.....	1.22	1.41
Glucose, 100 lbs.	.....	1.94	1.86
Lard, prime, lb.	.....	.13	.09
Meal, corn, fine white, 100 lbs.	.....	1.54	1.29
Meal, corn, fine yellow, 100 lbs.	.....	1.48	1.29
Meat, bacon, short clear sides, lb.	.....	.13	.09
Meat, bacon, short rib sides, lb.	.....	.13	.09
Meat, beef, fat, lb.	.....	.12	.11
Meat, beef, fat, extra mess, brl.	.....	14.59	12.91
Meat, beef, salt, hams, brl.	.....	25.07	28.60
Meat, hams, smoked, lb.	.....	.16	.14
Meat, mutton, dressed, lb.	.....	.10	.08
Meat, pork, salt, mess, brl.	.....	23.74	19.16
Milk, fresh, quart.	.....	.04	.03
Molasses, New Orleans, gal.	.....	.37	.41
Poultry, dressed, fowl, lb.	.....	.18	.16
Rice, domestic, lb.	.....	.05	.05
Salt, American, brl.	.....	.75	.83
Soda, bicarbonate of, lb.	.....	.01	.01
Spices, pepper, lb.	.....	.08	.10
Starch, pure corn, lb.	.....	.06	.06
Sugar, granulated, lb.	.....	.05	.05
Syrup, corn, lb.	.....	.07	.06
Tea, Formosa, fine, lb.	.....	.24	.24
Vegetables, cabbage, ton.	.....	17.56	10.00
Vegetables, onions, brl.	.....	2.96	3.10
Vegetables, potatoes, bu.	.....	.43	.77
Vinegar, cider, gal.	.....	.17	.20

CLOTHS AND CLOTHING.

Bags, 2 bushel, Amoskeag, each.	.....	.20	.20
Blankets, all wool, 5 lbs. to pair, lb.	.....	1.05	1.00
Blankets, cotton, 2 lbs. to pair, lb.	.....	.55	.57
Boots and shoes, men's brogans, pair.	.....	1.14	1.06
Boots and shoes, men's calf shoes, pair	.....	3.01	3.00
Boots and shoes, women's solid grain, pr.	.....	1.02	1.02
Broadcloths, first quality, yard.	.....	2.04	2.02
Calico, American, prints, yard.	.....	.05	.05
Carpets, Brussels, yard.	.....	1.20	1.20
Carpets, ingrain, yard.	.....	.53	.53
Carpets, Wilton, yard.	.....	2.23	2.23
Cotton flannels, 3 1/2 yards to lb., yard.	.....	.07	.08
Cotton thread, 6 cone, 200 yd. sps., spool	.....	.04	.04
Cotton yarns, cones, 22-1, lb.	.....	.22	.21
Denims, Amoskeag, yard.	.....	1.14	.14
Drillings, brown, yard.	.....	.08	.08
Flannels, white, yard.	.....	.47	.43
Ginghams, Amoskeag, yard.	.....	.07	.07
Horse blankets, wool, lb.	.....	.77	.75
Hosiery, men's cotton 1/2 hose, 12 pairs	.....	.80	.80
Hosiery, women's cotton hose, 12 pairs	.....	1.83	1.84
Leather, harness, oak, lb.	.....	.38	.37
Leather, sole, hemlock, lb.	.....	.25	.24
Overcoatings, covert cloth, yard.	.....	1.90	1.80
Overcoatings, kersey, yard.	.....	1.92	1.75
Print cloths, yard.	.....	.04	.03
Sheetings, bleached, Atlantic, yard.	.....	.22	.21
Sheetings, bleached, Pepperell, yard.	.....	.27	.24
Sheetings, brown, Indian Head, yard.	.....	.08	.09
Shirtings, bleached, Fruit of Loom, yd.	.....	.09	.09
Shirtings, bleached, Wamsutta, yard.	.....	.11	.11
Silk, raw, Italian, lb.	.....	4.00	3.89
Silk, raw, Japan, lb.	.....	3.52	3.47
Suitings, clay worsted, 12 ounce, yard.	.....	1.22	1.09
Suitings, indigo blue, wool, yard.	.....	1.57	1.49
Suitings, serge, yard.	.....	1.27	1.13
Tickings, Amoskeag, yard.	.....	.13	.13
Trouserings, worsted, yard.	.....	2.58	2.38
Underwear, shirts, drawers, wool, doz.	.....	27.00	27.00

Commodity.	1910.	1911.
Women's dress goods, poplar cloth, yard	.20	.20
Wool, Ohio, fine fleece, scoured, lb.	.69	.65
Worsted yarns, lb.	1.25	1.21

FUEL AND LIGHTING.

Candles, 14 ounce, lb.	.07	.07
Coal, anthracite, broken, ton	4.20	4.20
Coal, anthracite, chestnut, ton	4.51	5.00
Coal, anthracite, egg, ton	4.81	4.81
Coal, anthracite, stove, ton	4.82	4.81
Coal, bituminous, ton	3.04	3.02
Coke, Connellsville, ton	1.97	1.64
Matches, parlor, 144 boxes	1.50	1.50
Petroleum, crude, bri.	1.34	1.30
Petroleum, refined, gal.	.08	.07

METALS AND IMPLEMENTS.

Augers, extra, 1 inch, each	.37	.34
Axes, M. C. O. Yankee, each	.68	.65
Bar iron, common, lb.	.02	.01
Barb wire, galvanized, 100 lbs.	2.13	2.18
Chisels, 1 inch, each	.35	.25
Copper, ingot, lb.	.13	.12
Copper, sheet, hot rolled, lb.	.18	.17
Copper, wire bare, lb.	.14	.14
Doorknobs, steel, pair	.47	.25
Files, 8 inch, dozen	.93	.93
Hammers, Maydole, No. 1½, each	.47	.44
Lead, pig, lb.	.04	.04
Lead pipe, 100 lbs.	5.06	5.02
Locks, common mortise, each	.16	.10
Nails, 8 penny, fence, 100 lbs.	1.84	1.71
Pig iron, Bessemer, ton	17.19	15.71
Pig iron, foundry, No. 1, ton	17.36	15.71
Planes, Bailey, No. 5, each	1.66	1.54
Saws, crosscut, Disston, No. 2, each	1.60	1.78
Shovels, Ames, No. 2, dozen	7.74	7.45
Silver, bar, fine, ounce	.54	.54
Spelter, western, lb.	.06	.06
Steel billets, ton	25.38	21.46
Steel rails, ton	28.00	28.00
Tin, pig, lb.	.34	.43
Tinplates, domestic, 100 lbs.	3.84	3.86
Trowels, M. C. O., brick, each	.34	.35
Vises, open, 50 lb, each	4.48	4.27
Wood screws, 1 inch, gross	.15	.10
Zinc, sheet, 100 lbs.	7.02	7.05

LUMBER AND BUILDING MATERIALS.

Brick, common, M.	5.72	5.89
Carbonate of lead, lb.	.07	.07
Cement, Portland, bri.	1.45	1.46
Doors, white pine, each	1.67	1.60
Hemlock, M feet	20.62	20.68
Lime, common, bri.	1.04	1.11
Linseed oil, raw, gal.	.85	.88

RETAIL PRICES OF FOOD, COAL AND GAS.

[From bulletin issued by bureau of labor, Washington, D. C., Aug. 28, 1912.]

FOOD.

The retail prices of fifteen articles of food, which represent approximately two-thirds of the expenditures for food by the average workingman's family, showed the following percentages of increase June 15, 1912, as compared with June 15, 1911:

Article.	Pct. increase.	Article.	Pct. increase.
Bacon, smoked.....	*1	Lard, pure.....	11.3
Milk, fresh.....	2.4	Eggs, strictly fresh.....	11.8
Ham, smoked.....	2.7	Cornmeal.....	12.7
Hens.....	3.8	Butter, creamery.....	15.3
Sugar, granulated.....	6.0	Sirloin steak.....	17.1
Potatoes, Irish.....	7.6	Rib roast.....	17.5
Wheat flour.....	10.7	Round steak.....	18.6
Pork chops.....	11.2		

The following table shows the per cent of increase in the price of each of the fifteen articles of food on June 15, 1912, as compared with the average price for the ten year period 1890 to 1899:

Article.	Percent.	Article.	Percent.
Sugar, granulated.....	8.5	Ham, smoked.....	61.3
Eggs, strictly fresh.....	26.7	Cornmeal.....	63.2
Milk, fresh.....	32.9	Rib roast.....	63.8
Butter, creamery.....	33.3	Round steak.....	84.0
Wheat flour.....	39.3	Pork chops.....	86.0
Lard, pure.....	55.3	Bacon, smoked.....	96.7
Hens.....	58.1	Potatoes, Irish.....	111.9
Sirloin steak.....	59.5		

Commodity.	1910.	1911.
Maple, hard, M feet.....	31.80	34.32
Oak, white, M feet.....	54.25	54.68
Oak, white, quartered, M feet.....	87.75	87.18
Oxide of zinc, lb.....	.05	.05
Pine, white, boards, M feet.....	38.25	38.35
Pine, yellow, flooring, M feet.....	46.30	46.55
Pine, yellow, siding, M feet.....	30.80	30.59
Plate glass, polished, sq. ft.....	.35	.32
Poplar, M feet.....	61.50	61.59
Putty, lb.....	.01	.01
Rosin, good, strained, lb.....	5.23	6.72
Shingles, Cypress, M.....	3.49	3.61
Spruce, M feet.....	24.60	24.27
Tar, bri.....	2.25	2.12
Turpentine, spirits of, gal.....	.68	.63
Window glass, firsts, 50 sq. ft.....	2.93	2.25

DRUGS AND CHEMICALS.

Alcohol, grain, gal.....	2.55	2.53
Alcohol, wood, gal.....	.50	.50
Alum, lump, lb.....	.02	.02
Brimstone, crude, ton.....	22.00	22.00
Glycerin, refined, lb.....	.21	.23
Muriatic acid, lb.....	.01	.01
Oplum, natural, lb.....	5.37	6.43
Quinine, American, oz.....	.14	.14
Sulphuric acid, lb.....	.01	.01

HOUSEFURNISHING GOODS.

Earthenware, plates, white, doz.....	.43	.46
Earthenware, cups and saucers, gross.....	3.41	3.41
Furniture, bedroom sets, each.....	11.87	13.75
Furniture, chairs, maple, doz.....	9.00	9.00
Furniture, chairs, kitchen, doz.....	5.50	5.75
Furniture, tables, kitchen, doz.....	20.00	21.00
Glassware, nappies, doz.....	.11	.11
Glassware, pitchers, doz.....	.94	.80
Glassware, tumblers, common, doz.....	.12	.11
Table cutlery, knives, forks, gross.....	5.00	5.00
Woodenware, pails, doz.....	1.90	1.75
Woodenware, tubs, nest of 3.....	1.61	1.65

MISCELLANEOUS.

Cottonseed meal, ton.....	33.56	29.77
Cottonseed oil, gal.....	.60	.47
Jute, raw, lb.....	.03	.05
Malt, western, bu.....	.89	1.28
Paper, news, lb.....	.02	.02
Paper, manila wrapping, lb.....	.05	.05
Proof spirits, gal.....	1.32	1.34
Rope, manila, lb.....	.09	.09
Rubber, lb.....	1.91	1.11
Soap, castile, lb.....	.10	.08
Starch, laundry, lb.....	.04	.03
Tobacco, plug, lb.....	.47	.44
Tobacco, smoking, granulated, lb.....	.58	.63

PRICES IN 1912 AND 1911 COMPARED.

The following table compares for each of the fifteen articles of food the price on the 15th of January, February, March, April, May and June, 1912, with the price on the corresponding date in 1911 and shows the percentage of increase or decrease (—decrease):

Article.	Jan. 1912.	Feb. 1912.	Mar. 1912.	April 1912.	May 1912.	June 1912.
Sirloin steak...	2.3	3.0	4.3	9.4	15.8	17.1
Round steak....	2.1	2.8	3.7	9.3	16.7	18.6
Rib roast.....	2.1	2.7	3.5	7.6	14.6	17.5
Pork chops.....	—3.8	—6.4	—8	10.9	12.8	11.2
Bacon, smoked.....	—8.6	—3.8	—7.7	—3.2	—7	—1
Ham, smoked.....	—2.3	—2.8	—1.9	1.2	3.5	2.7
Lard, pure.....	—12.4	—11.0	—6.7	3	8.3	11.3
Hens.....	—2.1	—1.4	1.9	3.1	3.9	3.8
Wheat flour.....	—2	1.2	2.7	5.2	9.9	10.7
Cornmeal.....	5.7	6.0	7.0	9.1	12.3	12.7
Eggs, strictly fresh.....	9.6	26.9	5.4	11.5	12.1	11.8
Butter, creamery.....	18.6	17.2	13.6	26.0	24.9	15.3
Potatoes, Irish.....	49.2	55.8	66.7	77.6	48.5	7.6
Sugar, granulated.....	15.2	15.8	16.2	11.5	8.1	6.0
Milk, fresh.....	—2	—1	.3	1.3	2.8	2.4

The following table shows the per cent increase in the price of certain articles of food on June 15,

1912, as compared with the price on June 15, 1911, in some of the larger cities of the United States:

Article.	Chicago.	New York.	San Francisco.
Sirloin steak.....	16.2	18.4	9.4
Round steak.....	21.1	21.9	7.6
Rib roast.....	12.2	22.6	7.1
Pork chops.....	3.5	21.6	7.2
Bacon, smoked.....	2.3	7.7	11.3
Ham, smoked.....	11.0	7.9	4.1
Lard, pure.....	8.4	9.9	4.8
Hens.....	7.7	9.2	*
Wheat flour.....	8.0	6.7	8.7
Cornmeal.....	*	4.4	5.9
Eggs, strictly fresh.....	5.2	9.1	11.1
Butter, creamery.....	4.7	9.5	21.9
Potatoes, Irish.....	28.2	*	114.7
Sugar, granulated.....	13.6	4.2	8.8
Milk, fresh.....	*	*	7.2

*No change. †Decrease. ‡No data.

The following table shows the per cent increase in the price of certain articles of food on June 15, 1912, as compared with the price on June 15, 1911, by geographical divisions. These are indicated thus: North Atlantic, N. A.; South Atlantic, S. A.; North Central, N. C.; South Central, S. C.; Western, W.; United States, U. S.:

Article.	N. A.	S. A.	N. C.	S. C.	W.	U. S.
Bacon, smoked.....	* 2	1.3	7	* 2.0	* 4	* 1
Ham, smoked.....	4.4	2.8	3.1	* 5	2.2	2.7
Lard, pure.....	11.2	12.4	10.8	12.6	9.6	11.3
Hens.....	7.1	4	9.3	* 7	4.0	3.8
Wheat flour.....	8.8	9.0	12.3	12.1	9.0	10.7
Cornmeal.....	7.6	7.6	9.8	21.8	11.8	12.7

Article.	N. A.	S. A.	N. C.	S. C.	W.	U. S.
Eggs, strictly fresh.....	11.1	11.1	12.9	11.6	1.4	11.8
Butter, creamery.....	19.6	19.6	12.3	12.4	13.0	15.3
Potatoes, Irish.....	18.0	20.0	13.0	5.7	* 24.7	7.6
Sugar, granulated.....	4.3	9.8	5.4	4.5	7.3	6.0
Milk, fresh.....	2.7	1.1	3.8	1.0	2.6	2.4

*Decrease.

RELATIVE RETAIL PRICES OF FOOD.

The relative price, or index number, as it is technically called, of any article is the per cent which the price of that article at any certain date is of the price of the same article at a date or period which has been selected as the base or standard. The base selected for the compilation of retail prices of food is the average price for the ten year period 1890 to 1899. The average price for a number of years more nearly represents normal conditions than does the price for a single year, because of unusual conditions which may prevail in any one year. In the first section of the following table is shown for each of the five geographical divisions and for the United States as a whole the simple average of the relative prices of the fifteen articles of food specified in the foregoing tables. In computing the relative prices shown in the second section of the table the relative price of each of the fifteen articles was weighted according to the average consumption in workmen's families in the particular geographical division or in the United States as a whole. The divisions are indicated by letters: N. A., North Atlantic; S. A., South Atlantic; N. C., North Central; S. C., South Central; W., Western; U. S., United States. The average price for 1890-1899 equals 100.

Relative prices, weighted according to the average consumption.

Simple average of relative prices.							Relative prices, weighted according to the average consumption.					
Year. or month.	N. A.	S. A.	N. C.	S. C.	W.	U. S.	N. A.	S. A.	N. C.	S. C.	W.	U. S.
1890.....	101.7	100.4	102.0	100.6	106.0	102.0	101.9	100.6	101.7	100.9	105.2	101.9
1891.....	102.7	101.8	104.5	103.2	107.6	103.6	102.1	101.6	104.4	102.8	106.9	103.4
1892.....	101.7	101.2	101.8	99.9	104.0	101.7	101.8	101.2	101.9	100.1	103.4	101.6
1893.....	104.8	102.5	106.4	104.2	103.0	104.6	104.4	102.7	106.2	104.2	102.1	104.1
1894.....	99.4	99.5	100.0	100.3	98.1	99.5	99.2	99.6	99.6	100.4	98.0	99.2
1895.....	97.2	98.2	97.0	97.8	96.0	97.2	97.2	97.8	97.1	97.9	95.6	97.1
1896.....	95.7	97.1	93.9	95.4	94.1	94.9	95.9	97.3	94.0	95.7	94.2	95.2
1897.....	97.3	97.3	95.8	96.6	94.6	96.4	97.4	97.4	96.1	96.9	94.9	96.7
1898.....	100.3	99.7	99.3	100.4	96.7	99.4	100.2	99.7	99.5	99.9	98.0	99.7
1899.....	99.7	102.3	99.4	101.8	100.3	100.6	100.0	102.0	99.6	101.3	101.8	100.8
1900.....	103.0	104.7	102.5	102.2	100.7	102.9	103.0	104.4	102.5	103.1	102.2	103.0
1901.....	108.9	110.3	110.6	110.5	104.6	109.5	108.0	109.7	109.5	109.7	104.9	108.5
1902.....	116.2	116.7	117.4	119.3	111.9	116.8	114.0	115.6	115.4	118.7	110.1	114.6
1903.....	116.3	115.6	117.3	121.4	112.4	116.9	113.7	114.6	115.5	120.3	109.9	114.7
1904.....	117.6	115.8	118.1	122.2	114.8	118.3	115.5	114.9	116.2	121.1	111.1	116.2
1905.....	116.8	116.3	118.1	122.4	115.4	118.3	115.0	115.7	116.3	121.3	111.8	116.4
1906.....	121.4	120.8	122.3	125.8	118.9	122.4	119.1	120.0	120.6	125.0	115.0	120.3
1907.....	126.4	126.4	127.3	131.7	125.5	128.0	123.9	125.9	126.0	130.9	121.8	125.9
1908.....	129.2	131.0	133.1	138.8	128.4	132.5	126.5	129.8	131.5	137.5	123.9	130.1
1909.....	134.7	139.2	141.4	148.3	137.4	140.3	131.2	137.8	139.1	147.1	131.3	137.2
1910.....	140.3	149.8	149.7	157.8	146.3	148.5	135.2	148.4	147.0	156.7	138.8	144.1
1911.....	139.3	145.2	146.9	158.6	145.9	146.9	134.9	142.9	144.4	157.0	139.1	143.0
1911—												
January.....	139.8	148.2	148.7	160.7	148.1	148.2	135.8	147.7	147.0	159.5	142.6	145.0
February.....	136.2	143.4	144.3	157.1	144.4	144.5	131.3	142.0	141.4	155.6	139.3	140.4
March.....	134.1	140.9	141.9	153.8	143.6	142.1	128.8	139.1	138.8	152.3	137.1	137.6
April.....	131.8	138.8	140.7	153.5	142.3	140.6	125.8	136.2	136.5	151.5	134.0	135.3
May.....	132.3	138.8	141.0	152.8	143.4	140.9	126.1	135.9	136.7	150.6	134.8	135.4
June.....	136.4	141.8	145.9	156.7	145.4	144.8	130.3	138.0	141.5	154.1	136.3	139.2
July.....	141.7	148.0	150.4	160.5	147.5	149.4	135.7	142.9	146.2	157.8	138.5	142.7
August.....	142.7	148.9	149.6	161.4	145.4	149.4	137.3	145.0	146.5	159.1	138.1	144.5
September.....	143.4	150.2	150.2	160.9	145.1	149.8	138.7	147.2	148.0	159.3	138.7	145.7
October.....	143.7	148.7	148.0	159.6	147.0	149.1	140.2	147.1	147.1	158.5	141.6	146.2
November.....	144.3	148.1	149.4	160.4	149.2	149.8	142.8	147.6	149.4	159.7	144.8	148.3
December.....	144.6	148.4	151.4	163.1	147.5	150.6	144.2	148.5	152.2	162.9	144.0	150.0
1912—												
January.....	147.9	152.9	155.3	166.7	147.0	153.7	147.6	153.1	156.5	166.2	144.1	153.5
February.....	147.4	151.3	153.9	162.5	144.6	152.1	146.9	150.5	153.5	161.4	141.8	150.9
March.....	143.5	147.4	152.7	160.8	147.0	150.4	140.7	145.1	151.0	158.9	142.7	147.6
April.....	148.8	153.1	159.3	166.7	150.4	156.0	145.5	149.9	158.0	164.7	144.3	152.7
May.....	151.9	158.0	161.3	168.6	151.0	158.6	148.1	154.3	159.2	166.3	143.6	154.6
June.....	150.7	157.6	161.9	168.1	150.6	158.1	147.9	153.4	158.7	165.2	143.7	154.0

Considering prices in the United States as a whole, the simple average of the relatives for fifteen principal articles of food shows the following per cent advance:

Jan. 15, 1912, compared with Jan. 15, 1911.....	3.7
Feb. 15, 1912, compared with Feb. 15, 1911.....	5.3
March 15, 1912, compared with March 15, 1911.....	5.8

April 15, 1912, compared with April 15, 1911.....11.0
May 15, 1912, compared with May 15, 1911.....12.6
June 15, 1912, compared with June 15, 1911.....9.2

When the relative prices are weighted according to the average consumption of the various articles of food in workmen's families, the changes in prices within a year were as follows:

	Pct. advance.
Jan. 15, 1912, compared with Jan. 15, 1911.....	5.9
Feb. 15, 1912, compared with Feb. 15, 1911.....	7.5
March 15, 1912, compared with March 15, 1911.....	7.3

RELATIVE PRICE OF FOOD BY ARTICLES.

(Average price for 1890-1900=100.)

Year or month.	Sirloin steak.	Round steak.	Rib steak.	Pork chops.	Bacon.	Ham.	Lard.
1890.....	99.3	97.6	98.7	96.5	96.5	98.3	98.5
1891.....	99.7	98.0	99.6	98.8	97.2	99.5	100.0
1892.....	99.6	98.0	99.6	101.1	99.9	101.5	104.4
1893.....	99.4	98.5	98.4	100.0	108.9	107.1	119.2
1894.....	98.1	97.4	97.9	100.9	102.5	101.7	106.4
1895.....	98.7	98.5	98.9	99.7	102.9	101.9	99.8
1896.....	99.8	100.5	99.4	97.8	96.3	96.5	92.1
1897.....	99.6	101.8	100.1	97.5	97.0	98.5	89.0
1898.....	102.1	102.8	102.2	97.7	100.2	97.2	93.5
1899.....	104.4	107.0	106.1	103.2	102.9	100.5	97.1
1900.....	107.1	109.8	109.3	108.9	110.3	106.9	104.9
1901.....	109.4	114.0	112.0	110.9	121.3	111.1	119.6
1902.....	114.6	122.3	118.6	127.8	135.9	120.6	135.6
1903.....	110.6	116.6	117.0	126.1	140.4	122.1	126.0
1904.....	111.0	120.8	117.0	123.1	138.5	119.4	116.3
1905.....	110.6	120.0	116.2	125.0	139.3	119.4	115.8
1906.....	114.2	124.4	120.5	135.9	150.5	127.8	127.3
1907.....	116.7	128.4	123.0	140.9	157.7	131.0	133.5
1908.....	119.9	135.5	126.7	144.6	162.2	133.8	134.5
1909.....	126.1	140.6	132.2	158.8	176.4	142.1	150.5
1910.....	134.0	149.9	137.7	173.3	204.4	159.4	172.9
1911.....	134.9	152.6	138.6	170.3	197.2	155.9	145.3

Year or month.	Wheat.	Corn.	Eggs.	Butter.	Potatoes.	Sugar.	Milk.
1890.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1891.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1892.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1893.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1894.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1895.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1896.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1897.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1898.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1900.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1901.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1902.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1903.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1905.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1906.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1907.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1911.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Year or month.	Wheat.	Corn.	Eggs.	Butter.	Potatoes.	Sugar.	Milk.
1890.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1891.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1892.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1893.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1894.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1895.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1896.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1897.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1898.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1900.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1901.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1902.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1903.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1905.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1906.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1907.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1911.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0

COAL.

Comparing retail prices of coal in ton lots, for household use, on Jan. 15, 1912, with prices Jan. 15, 1911, the average advance for thirty cities in all parts of the United States on Pennsylvania anthracite white ash, stove size, was .6 per cent; the average advance for twenty-eight cities on same coal, chestnut size, was 1.5 per cent, and the average decline for thirty-two cities on bituminous coal was 1 per cent.

Comparing prices on April 15, 1912, with those on April 15, 1911, the average advance for twenty-nine cities on Pennsylvania anthracite white ash, stove size, was 6.4 per cent; on chestnut size (twenty-seven cities), 7.2 per cent, and the average advance for thirty-two cities on bituminous was 3.2 per cent. In New York city anthracite coal, stove size, was 12.4 per cent higher April 15, 1912, than on the same date in 1911; the chestnut size was 11.7 per cent higher and bituminous coal was 9.5 per cent higher. In Chicago the percentages of increase for same period were: Stove size, anthracite, 4.6; chestnut size, 5.7; bituminous, 19.1.

GAS.

Net prices of manufactured and other gas for household use were reported from fifty-four companies in thirty-six cities. Only eight companies reported any change in price on April 15, 1912, as compared with April 15, 1911. Seven companies supplying manufactured gas reduced prices and one company supplying natural gas increased prices, as follows:

Boston—C company reduced price from \$0.90 to \$0.85.

Washington, D. C.—B company reduced price from \$1.00 to \$0.85.

	Pct. advance.
April 15, 1912, compared with April 15, 1911.....	12.9
May 15, 1912, compared with May 15, 1911.....	14.2
June 15, 1912, compared with June 15, 1911.....	10.6

RELATIVE PRICE OF FOOD BY ARTICLES.

(Average price for 1890-1900=100.)

Year or month.	Wheat.	Corn.	Eggs.	Butter.	Potatoes.	Sugar.	Milk.
1890.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1891.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1892.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1893.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1894.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1895.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1896.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1897.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1898.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1900.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1901.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1902.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1903.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1905.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1906.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1907.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1911.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Year or month.	Wheat.	Corn.	Eggs.	Butter.	Potatoes.	Sugar.	Milk.
1890.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1891.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1892.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1893.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1894.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1895.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1896.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1897.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1898.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1900.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1901.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1902.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1903.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1905.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1906.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1907.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1908.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1911.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0

141.2	151.4	130.1	152.9	202.9	166.9	177.8	115.1	134.8
141.1	153.4	130.7	153.3	185.1	156.0	185.4	114.5	135.0
141.2	159.9	181.0	153.7	130.3	145.5	202.1	115.6	134.0
145.6	163.6	132.7	157.6	125.9	148.4	224.7	111.4	134.0
152.6	162.2	138.4	163.0	123.8	143.4	211.6	109.1	133.3
155.3	158.1	139.3	163.7	126.1	133.3	211.9	108.5	132.9

City and company.	Apr. 15, 1911.	Apr. 15, 1912.
South Atlantic division:		
Atlanta, Ga.....	1.00	1.00
Baltimore, Md.....	.90	.90
Charleston, S. C.....	1.20	1.20
Jacksonville, Fla.....	1.25	1.25
Richmond, Va.....	.90	.90
Washington, D. C.—Company A.....	.85	.85
Company B.....	1.00	.85
North central division:		
Chicago, Ill.....	.85	.80
Cleveland, O.....	.80	.80
Detroit, Mich.—Company A.....	.80	.75
Company B.....	.80	.80
Indianapolis, Ind.—Company A.....	.60	.60
Company B.....	.60	.60
Milwaukee, Wis.....	.80	.75
Minneapolis, Minn.....	.85	.85
Omaha, Neb.....	1.15	1.15
St. Louis, Mo.....	.80	.80
South central division:		
Birmingham, Ala.....	1.00	1.00
Little Rock, Ark.....	1.25	†
Louisville, Ky.....	1.00	1.00
Memphis, Tenn.....	1.00	1.00
New Orleans, La.....	1.15	1.10
Western division:		
Denver, Col.....	.90	.85
Los Angeles, Cal.—Company A.....	.80	.80
Company B.....	.75	.75
Portland, Ore.....	.95	.95
Salt Lake City, Utah.....	1.30	1.30
San Francisco, Cal.....	\$.92½	\$.92½
Seattle, Wash.....	1.00	1.00

*For lighting purposes only. †Natural gas distributed after July, 1911. ‡Price 75 cents for cooking and heating purposes. §Price 90 cents for cooking and heating purposes. ¶Gross rate.

HIGH COST OF LIVING.

In a special message to congress March 13, 1912, President Taft transmitted the first installment of

FLOOD IN THE MISSISSIPPI VALLEY.

One of the most destructive floods in the history of the Mississippi valley occurred in the spring of 1912. Owing to the heavy and late snowfalls and the somewhat sudden melting of the snow in the latter part of March and the first part of April a vast volume of water was poured into the Mississippi river by its tributaries. At some places the levees were broken and at other places they were overflowed, with the result that thousands of acres of rich farming lands were inundated. At Cairo, Ill., May 4, the river stood at 53.9 feet, which was 1.7 feet above the high water mark of 1883. At Memphis the high record mark was broken by 3 feet.

At the request of the mayor of Cairo troops were sent to patrol the levees at that city April 2. The soldiers were supplemented by hundreds of railroad and other laborers and through their efforts the dikes protecting the town were strengthened sufficiently to withstand the pressure. The Mobile & Ohio levee broke April 4 and the drainage district north of Cairo was flooded, causing a damage estimated at \$5,000,000. Railroad service was almost cut off being maintained in some instances only by the use of tugs where the lines were under water. April 5 the government levee west of Hickman, Ky., protecting the Reelfoot lake district of Kentucky and Tennessee, gave way and a large area of country was inundated.

April 7 it was estimated by government engineers and state levee boards that as a result of the floods, which then had continued two weeks, thirty

the information collected by the department of state on co-operation and the cost of living in various European countries. The immediate result of the inquiries through the consular offices was to accentuate the fact that the increase in the prices of the common necessities of life was worldwide and that it was engaging the attention of co-operative associations everywhere. It was shown by investigation that even where there had been an advance in wages the percentage had not kept pace with the rise in the cost of food supplies. In London, for example, wages increased 11.1 per cent from 1896 to 1910, while food prices increased 19.5 per cent. The wages of railway employees during the same period had increased only 7.3 per cent. In a table prepared by the Co-Operative Wholesale society of Manchester, England, it was shown that as compared with 1898 the increased cost of living in 1910 was 13.36 per cent.

The consul at Havre, France, reported that a comparison of food prices in November, 1900, and November, 1911, showed heavy increases in all items except sugar. The consul at Lyons reported that the only commodity there that had not increased in price was fish. Reports from Germany, Holland and other countries were of a similar tenor. The consul at Southampton reported that during the last five years there had been an advance of 20 per cent in the purchase price of fresh beef, mutton, bacon, hams, butter, eggs, fruits, sugar, coffee, fuel, tin goods, women's apparel, footwear, clothing, cotton goods, bedding, furniture and underwear. With regard to co-operative associations it was found that they flourished, especially in the united kingdom. In 1862 there were 400 such societies with 90,000 members, while in 1903 they numbered more than 3,000 and had a membership of 2,700,000. The net profits from sales in 1903 amounted to nearly \$55,000,000. Opposition to such associations on the part of tradesmen in general had decreased, though antagonism still existed. Most of the societies had insurance and educational departments and some of them published weekly or monthly papers.

persons had been drowned and 30,000 made homeless, that 2,000 square miles of territory had been inundated and that damage had been caused amounting to \$10,000,000. Several levees on both sides of the Mississippi above and below Memphis had given way and large areas of land in Tennessee, Arkansas, Kentucky, Missouri, Mississippi and Louisiana were under water. In the northern part of the city of Memphis twenty-five blocks were submerged, 1,300 persons were made homeless and 3,000 were thrown out of work by the shutting down of factories. Railroad traffic was interrupted and Hickman, Ky., for a time was on the verge of a famine on account of the lack of supplies. The destitution in the flooded districts was great until relieved by federal and state aid.

In Mississippi, where the flood was at its worst about April 20, many deaths from drowning occurred. Fifteen persons were lost near Benoit in the flood that came from a break in the levee between that place and Beulah. It was reported that altogether about 200 lives were lost in Bolivar county, Mississippi. The majority of the victims were colored.

Congress, at the request of President Taft, appropriated \$350,000 April 2 for the relief of the flood sufferers. May 7 congress appropriated the further sum of \$1,239,179.65 for the same purpose. The money was expended for supplies furnished by the quartermaster-general and the commissary-general of the army.

DEATH OF CLARA BARTON.

Miss Clara Barton, founder of the American Red Cross, died at her home in Glen Echo, Md., April 12, 1912, at the age of 90 years. She suffered an attack of pneumonia in February, 1911, and though she recovered temporarily her health became enfeebled and for the last few months of her life she was an invalid. The American Red Cross was founded by her in co-operation with others in 1881

and she was its president from that date until 1904. She was a nurse in the civil war and also in the Franco-Prussian war, but after the organization of the Red Cross she devoted herself to the relief of the victims of catastrophes in times of peace. She was widely known in nearly all parts of the civilized world.

RELATIVE PRICES OF COMMODITIES.

In this table, prepared by the bureau of labor in Washington, the average wholesale price in New York and other primary markets of each article for the years 1890-1899, inclusive, is taken as

the base price and is represented by 100. The relative price is the average wholesale price for each year from 1899 to 1911, inclusive, compared with the base price.

YEAR.	CATTLE AND CATTLE PRODUCTS.						DAIRY PRODUCTS.		
	Cattle.	Beef, fresh.	Beef, hams.	Beef, mess.	Tallow.	Hides.	Milk.	Butter.	Cheese
1890	113.2	108.3	125.6	115.9	104.1	131.2	99.2	95.8	103.9
1900	111.3	104.3	114.2	121.7	111.5	127.4	107.5	101.7	114.3
1901	116.6	102.1	112.6	116.3	119.1	132.0	102.7	97.7	102.4
1902	139.5	125.9	118.0	147.1	144.6	142.8	112.9	112.1	114.1
1903	105.8	101.7	117.2	113.1	117.2	124.8	112.9	105.7	123.3
1904	110.9	106.1	123.5	109.4	105.5	124.4	107.8	98.4	103.2
1905	111.2	104.0	121.6	125.0	103.2	152.6	113.3	112.8	122.8
1906	114.2	101.2	119.2	110.3	119.3	164.7	118.0	113.1	133.0
1907	122.9	114.7	144.0	122.5	142.8	155.3	131.4	128.5	145.3
1908	127.4	129.5	153.2	124.5	136.7	142.6	129.0	122.1	138.2
1909	137.1	133.8	138.8	137.5	136.8	175.8	132.5	131.7	150.5
1910	147.1	133.2	138.2	182.0	167.6	165.0	144.3	138.5	159.3
1911	139.0	138.0	158.1	161.1	149.2	157.6	131.8	122.8	141.9

YEAR.	HOGS AND HOG PRODUCTS.					SHEEP AND SHEEP PRODUCTS.		
	Hogs.	Bacon.	Hams, smoked.	Messpork.	Lard.	Sheep.	Mutton.	Wool.
1890	91.8	85.8	93.8	80.3	85.0	104.3	94.3	110.8
1900	115.5	111.5	107.2	107.5	105.5	112.0	96.4	117.7
1901	124.5	132.3	109.2	134.2	135.3	92.0	89.5	96.6
1902	155.2	159.0	123.1	154.2	161.9	103.2	97.9	100.8
1903	137.2	142.1	129.2	143.1	134.1	98.4	98.7	110.3
1904	116.7	115.1	108.9	120.6	111.8	109.1	103.2	115.5
1905	120.2	119.0	103.3	123.9	113.9	131.5	113.9	127.3
1906	142.2	139.9	125.5	150.5	135.6	132.6	126.7	121.1
1907	130.2	140.7	132.4	151.0	140.7	129.9	110.0	121.9
1908	129.5	139.1	114.3	137.3	138.8	111.0	114.5	138.3
1909	169.1	146.3	133.1	173.1	171.7	121.7	119.2	135.6
1910	203.3	197.0	167.1	204.1	191.6	124.3	133.3	115.8
1911	152.6	141.1	142.1	164.7	138.8	93.5	99.7	107.8

YEAR.	CORN, ETC.			FLAXSEED, ETC.		RYE AND RYE FLOUR.		WHEAT AND WHEAT FLOUR.		BREAD, ETC.		
	Corn.	Glucose.	Meal.	Flaxseed.	Linseed oil.	Rye.	Rye flour.	Wheat.	Wheat flour.	Wheat.	Crackers.	Loaf bread
1890	87.6	95.6	91.2	104.0	94.1	104.4	99.4	94.7	87.9	87.9	99.1	100.8
1900	100.2	104.9	97.0	145.7	138.7	97.9	103.3	93.7	88.3	88.3	102.7	100.8
1901	130.6	116.0	115.5	145.8	140.0	100.8	109.1	95.7	87.4	87.4	108.2	100.8
1902	156.9	153.6	143.2	135.0	130.8	102.5	103.8	98.7	89.7	89.7	108.2	100.8
1903	121.1	129.7	124.7	94.1	91.9	97.5	94.9	105.1	97.1	97.1	101.3	100.8
1904	132.6	126.3	129.5	90.6	91.7	133.4	131.1	138.3	125.4	125.4	103.4	106.0
1905	131.7	125.1	128.4	107.6	103.1	134.5	134.7	134.5	122.2	122.2	113.8	110.9
1906	121.8	142.9	122.5	99.1	89.3	145.5	115.9	105.6	96.8	96.8	112.1	110.9
1907	138.8	150.4	131.5	106.1	95.7	145.4	138.7	120.8	108.6	108.6	112.1	110.9
1908	179.9	186.2	156.4	108.0	96.5	148.0	142.8	131.8	118.8	118.8	112.1	114.5
1909	175.5	174.4	156.7	140.6	137.9	148.0	135.2	159.7	138.6	138.6	112.8	117.1
1910	152.7	136.9	146.3	203.7	135.7	147.0	127.5	146.1	135.8	135.8	120.7	117.9
1911	155.1	131.0	125.2	214.8	138.9	170.5	141.5	131.1	111.5	111.5	116.4	117.9

YEAR.	COTTON AND COTTON GOODS.										
	Cotton, upland, mid'ling	Bags, 2-bushel Am's/kg	Calico, Cocheo prints.	Cotton flannels.	Cotton thread.	Cotton yarns.	Denims.	Drillings.	Ginghams.	Hosiery.	
1899.	84.7	103.4	87.3	88.0	98.4	88.5	85.8	88.5	89.7	82.5	
1900.	123.8	112.6	94.9	101.6	120.1	115.5	102.8	105.0	96.3	87.3	
1901.	111.1	101.0	90.4	95.4	120.1	88.3	100.2	102.2	92.3	85.9	
1902.	115.1	102.4	90.4	96.1	120.1	94.0	100.6	102.0	92.2	85.2	
1903.	144.7	104.2	91.1	106.8	120.1	112.9	108.0	109.6	101.8	90.1	
1904.	155.9	128.4	95.7	125.6	120.1	119.5	116.6	126.7	99.9	89.2	
1905.	123.1	109.6	93.5	119.7	120.1	105.7	103.7	123.8	93.4	87.5	
1906.	142.0	129.1	99.5	128.2	120.1	120.8	118.1	138.8	104.7	89.7	
1907.	153.0	138.5	121.0	139.5	134.8	133.9	132.3	147.2	122.0	97.4	
1908.	134.8	134.3	104.3	119.2	131.7	108.8	111.1	130.6	101.5	89.5	
1909.	156.0	134.6	97.1	108.4	126.4	118.6	119.9	139.7	107.2	92.3	
1910.	194.8	146.0	106.8	128.9	126.4	133.4	138.9	154.2	123.2	93.1	
1911.	168.0	146.0	100.4	137.2	126.4	125.0	131.9	153.4	120.2	93.6	

RELATIVE PRICES OF COMMODITIES.—CONTINUED.

YEAR.	COTTON AND COTTON GOODS.				WOOL AND WOOLEN GOODS.					
	Print cloths.	Sheet-ings.	Shirts-ings.	Tick-ings.	Wool.	Blan-k'ts.all wool.	Broad-cloths.	Car-pets.	Flan-nels.	Horse blan-kets.
1899	96.3	92.2	87.8	87.0	110.8	95.2	98.2	99.5	99.5	94.2
1900	108.6	105.9	100.4	102.2	117.7	107.1	108.0	102.7	108.7	115.7
1901	99.3	101.8	98.9	95.5	96.6	101.2	110.3	101.9	100.8	109.9
1902	108.9	101.4	98.8	96.0	100.8	101.2	110.5	102.5	105.8	109.9
1903	113.3	110.6	103.2	104.1	110.3	110.1	110.3	108.6	114.3	117.8
1904	117.3	121.1	104.7	114.3	115.5	110.1	110.5	110.0	117.6	122.2
1905	110.0	113.5	101.2	102.1	127.3	119.0	115.2	115.7	118.4	130.9
1906	127.7	122.4	111.1	119.0	121.1	122.0	116.6	117.7	122.4	135.3
1907	167.4	132.2	137.4	129.4	121.5	119.0	116.6	123.2	123.1	130.9
1908	118.0	120.0	120.0	106.0	118.3	113.1	115.6	118.9	122.4	126.5
1909	126.5	119.6	116.4	111.3	126.5	119.0	116.6	116.8	121.9	126.5
1910	134.8	131.5	119.8	121.1	115.8	125.5	117.8	117.3	123.5	135.3
1911	122.8	124.3	113.3	125.6	107.8	113.0	116.6	117.3	114.1	130.6

YEAR.	WOOL AND WOOLEN GOODS.					HIDES, LEATHER, BOOTS AND SHOES.			PETROLEUM.	
	Over-coat-ings (all wool).	Suit-ings.	Under-ware (all wool).	Dress goods (all wool).	Worsted yarns.	Hides.	Leath-er.	Boots and shoes.	Crude.	Re-fined.
1899	100.6	106.1	100.4	102.7	106.7	131.8	109.3	96.8	142.1	118.0
1900	116.1	115.8	100.4	118.7	118.4	127.4	113.2	99.4	148.5	133.6
1901	105.3	104.9	100.4	107.9	102.2	132.0	110.8	99.2	132.9	119.3
1902	105.3	105.8	100.4	109.8	111.7	142.8	112.7	98.9	135.9	118.8
1903	110.2	109.0	100.4	114.4	118.0	124.8	112.0	100.2	174.5	142.8
1904	110.3	109.0	100.4	115.6	116.5	124.4	108.5	101.1	178.8	140.6
1905	115.2	122.7	100.4	129.7	124.7	152.6	112.1	107.4	162.1	126.6
1906	126.1	134.8	115.8	134.1	128.5	164.7	120.4	121.8	175.5	131.8
1907	124.8	135.1	115.8	130.9	127.9	155.3	124.0	125.9	190.5	139.1
1908	122.6	127.6	115.8	127.0	117.6	142.6	119.4	121.3	195.6	143.1
1909	109.8	135.1	115.8	133.4	130.2	175.8	126.8	128.1	132.7	138.7
1910	110.7	134.7	115.8	136.3	123.7	165.0	125.3	126.6	147.7	120.5
1911	102.7	121.9	115.8	131.3	115.6	157.6	121.1	125.4	142.8	109.0

SUMMARY OF RELATIVE PRICES OF COMMODITIES, 1896 TO 1910, BY GROUPS.
Average price for 1890-1899—100.

YEAR.	Farm prod'cts.	Food, etc.	Cloths and clothing.	Fuel and lighting.	Metals and imple-ments.	Lumber and building material.	Drugs and chemi-cals.	House-hold goods.	Mis-cella-neous.	All com-mod-ities.
1899	100.0	98.3	106.8	105.0	114.7	105.8	111.3	95.1	97.7	101.7
1900	109.5	104.2	101.0	120.9	120.5	115.7	115.7	106.1	109.8	110.6
1901	116.9	105.9	102.0	119.5	111.9	116.7	115.2	110.9	107.4	108.5
1902	130.5	111.3	107.1	134.3	117.2	118.8	114.2	112.2	114.1	112.9
1903	118.8	107.1	106.6	149.3	117.6	121.4	112.6	113.0	113.6	113.6
1904	126.2	107.2	109.8	132.6	109.6	122.7	110.0	111.7	111.7	113.0
1905	124.2	108.7	112.0	128.8	122.5	127.8	109.1	109.1	112.8	115.9
1906	123.6	112.6	120.0	129.5	135.2	140.1	101.2	111.0	121.1	122.4
1907	137.1	117.8	126.7	155.0	143.4	146.9	109.6	118.5	127.1	129.5
1908	133.1	120.6	116.9	150.8	125.4	139.1	110.4	114.0	119.9	122.8
1909	153.1	124.7	119.6	129.3	124.8	138.4	112.4	111.7	125.9	126.5
1910	164.6	128.7	123.7	125.4	128.5	153.2	117.0	111.6	133.1	131.6
1911	162.0	131.3	119.6	122.4	119.4	151.9	120.3	111.1	131.2	129.3

HEIGHTS AND WEIGHTS OF ADULTS.

Height.	Weight.	Height.	Weight.	Height.	Weight.	Height.	Weight.
5 ft. 1 in.....123 pounds	5 ft. 4 in.....149 pounds	5 ft. 7 in.....153 pounds	5 ft. 10 in.....181 pounds	5 ft. 1 in.....135 pounds	5 ft. 4 in.....155 pounds	5 ft. 7 in.....166 pounds	5 ft. 10 in.....186 pounds
5 ft. 2 in.....135 pounds	5 ft. 5 in.....152 pounds	5 ft. 8 in.....173 pounds	5 ft. 11 in.....190 pounds	5 ft. 3 in.....142 pounds			

HEIGHTS AND WEIGHTS OF CHILDREN.

Height,Weight, lbs.	Height,Weight, lbs.	Height,Weight, lbs.	Height,Weight, lbs.
At birth.1 ft. 8 in. 8	2 years.3 ft. 0 in. 32	6 years.3 ft. 10 in. 49	10 years.4 ft. 6 in. 68
6 months.2 ft. 0½ in. 16	3 years.3 ft. 4 in. 36½	7 years.4 ft. 0 in. 52½	11 years.4 ft. 8 in. 74
1 year.2 ft. 5 in. 24	4 years.3 ft. 6 in. 41	8 years.4 ft. 2 in. 56½	12 years.4 ft. 10 in. 80
1½ years.2 ft. 8½ in. 28	5 years.3 ft. 8 in. 45	9 years.4 ft. 4 in. 62	

PULSE AT DIFFERENT AGES.

Newborn infants, per minute.....130 to 140	Seventh to fourteenth year, per minute.... 80 to 90
First year, per minute.....115 to 130	In adult age, per minute..... 70 to 75
Second year, per minute..... 95 to 110	In old age, per minute..... 60 to 75
Third year, per minute..... 85 to 95	

HIGHEST MOUNTAINS IN THE WORLD.

Mountain.	Feet.	Mountain.	Feet.	Mountain.	Feet.	Mountain.	Feet.
Asla—Mt. Everest.....29,002		Nanda Devi.....25,600		Huascan.....22,051		Chimborazo.....20,498	
Godwin-Austen.....28,280		Mustaghata.....24,400		Anconhuma.....21,490		Tupungato.....20,286	
Kunchinginga.....28,156		Chumalari.....23,946		Illampu.....21,192		Haina.....20,171	
Gusherbrum.....26,378		South America—		Huandoy.....21,098		San Jose.....20,030	
Dhawalagiri.....25,326		Aconagua.....23,080		Illimani.....21,030		North America—	
Kutha Kangir.....24,740		Mercedario.....22,315		Pamiri.....20,735		McKinley.....20,500	

WEIGHTS AND MEASURES USED IN THE UNITED STATES.

LONG MEASURE.		MARINERS' MEASURE.		LIQUID MEASURE.	
12 inches = 1 foot.		6 feet = 1 fathom.		4 gills = 1 pint.	
3 feet = 1 yard = 36 inches.		120 fathoms = 1 cable length.		2 pints = 1 quart.	
5½ yards = 1 rod = 16½ feet.		7¼ cable lengths = 1 mile.		4 quarts = 1 gallon.	
40 rods = 1 furlong = 660 feet.		5280 feet = 1 statute mile.		31½ gallons = 1 barrel.	
8 furlongs = 1 mile = 5,280 feet.		6085 feet = 1 nautical mile.		2 barrels = 1 hogshead.	
8 marine miles = 1 marine league.					
SQUARE MEASURE.		CUBIC MEASURE.		DRY MEASURE.	
144 square inches = 1 square foot.		1,728 cubic inches = 1 cubic foot.		2 pints = 1 quart.	
9 square feet = 1 square yard.		27 cubic feet = 1 cubic yard.		8 quarts = 1 peck.	
30¼ square yards = 1 square rod.		128 cubic feet = 1 cord of wood or stone.		4 pecks = 1 bushel.	
160 square rods = 1 acre.		1 gallon contains 231 cubic inches.			
640 acres = 1 square mile.		1 bushel contains 2,150.4 cubic inches.			
36 square miles = 1 township.		A cord of wood is 8 ft. long, 4 ft. wide & 4 ft. high.			
CIRCULAR MEASURE.		APOTHECARIES' WEIGHT.		AVOIRDUPOIS WEIGHT.	
60 seconds = 1 minute.		20 grains = 1 scruple		27 11-32 grains = 1 dram.	
60 minutes = 1 degree.		3 scruples = 1 dram.		16 drams = 1 ounce.	
360 degrees = 1 circle.		8 drams = 1 ounce.		16 ounces = 1 pound.	
1 degree = 60 geographic miles.		12 ounces = 1 pound.		2,000 lbs. = 1 short ton.	
1 geographic mile = 1.1527 statute miles.				2,240 lbs. = 1 long ton.	
1 degree of the equator = 69.124 statute miles.					
TROY WEIGHT.		TIME MEASURE.		STATIONERS' TABLE.	
24 grains = 1 pennyweight.		60 seconds = 1 minute.		24 sheets = 1 quire.	
20 pennyw's = 1 ounce.		60 minutes = 1 hour.		20 quires = 1 ream.	
12 ounces = 1 pound		24 hours = 1 day.		2 reams = 1 bundle.	
		365 days = 1 year.		5 bundles = 1 bale.	
		100 years = 1 century.			
CLOTH MEASURE.		MISCELLANEOUS.		COUNTING.	
2½ inches = 1 nail.		3 inches = 1 palm.		12 things = 1 dozen.	
4 nails = 1 quarter		4 inches = 1 hand.		12 dozen = 1 gross.	
4 quarters = 1 yard.		6 inches = 1 span.		12 gross = 1 great gross	
		18 inches = 1 cubit.		20 things = 1 score.	
		21.8 inches = 1 bible cubit.			
		2½ feet = 1 military pace.			

Statutory weights and measures in Illinois not included in the above tables are: Flour, per barrel, 196 pounds; per half-barrel, 98 pounds; per quarter-barrel sack, 49 pounds; per eighth barrel sack, 24½ pounds. Cornmeal, per bushel sack, 48 pounds; per half-bushel sack, 24 pounds;

per quarter-bushel sack, 12 pounds. Stone coal, per bushel, 80 pounds. Unslacked lime, per bushel, 80 pounds. Fine salt, per bushel, 55 pounds; coarse salt, 50 pounds. Hair (plastering), per bushel, 50 pounds.

THE METRIC SYSTEM.

The metric system is in general use in all the principal nations of Europe and America with the exception of Great Britain, Russia and the United States, where it is authorized but not compulsory. Its use for scientific purposes is common throughout the world.

WEIGHTS.

Milligram (.001 gram)	=	.0154 grain.
Centigram (.01 gram)	=	1.543 grains.
Decigram (.1 gram)	=	1.5432 grains.
Gram	=	15.432 grains.
Decagram (10 grams)	=	.3527 ounce.
Hectogram (100 grams)	=	3.5274 ounces.
Kilogram (1,000 grams)	=	2.2046 pounds.
Myriagram (10,000 grams)	=	22.046 pounds.
Quintal (100,000 grams)	=	220.46 pounds.
Millier or tonneau—ton (1,000,000 grams)=	=	2,204.6 pounds.

DRY.

Milliliter (.001 liter)	=	.061 cubic inch.
Centiliter (.01 liter)	=	.6102 cubic inch.
Deciliter (.1 liter)	=	6.1022 cubic inches.
Liter	=	.908 quart.
Decaliter (10 liters)	=	9.08 quarts.
Hectoliter (100 liters)	=	2.338 bushels.
Kiloliter (1,000 liters)	=	1.308 cubic yards.

LIQUID.

Milliliter (.001 liter)	=	.0388 fluid ounce.
Centiliter (.01 liter)	=	.388 fluid ounce.
Deciliter (.1 liter)	=	.345 gill.
Liter	=	1.0567 quarts.
Decaliter (10 liters)	=	2.6418 gallons.
Hectoliter (100 liters)	=	26.417 gallons.
Kiloliter (1,000 liters)	=	264.18 gallons.

LENGTH.

Millimeter (.001 meter)	=	.0394 inch.
Centimeter (.01 meter)	=	.3937 inch.
Decimeter (.1 meter)	=	3.937 inches.
Meter	=	39.37 inches.
Decameter (10 meters)	=	393.7 inches.
Hectometer (100 meters)	=	328 feet 1 inch.
Kilometer (1,000 meters)	=	621.37 mile (3,280 feet 10 inches).
Myriameter (10,000 meters)=	=	6,213.7 miles.

SURFACE.

Centare (1 square meter)	=	1.550 sq. inches.
Are (100 square meters)	=	119.6 sq. yards.
Hectare (10,000 sq. meters)=	=	2.471 acres.

ELECTRICAL UNITS DEFINED.

Ohm—Unit of resistance; represents resistance offered to an unvarying electric current by a column of mercury at the temperature of ice, 14.5421 grams in mass, of a cross-sectional area of 1.00003 square millimeters and of the length of 106.3 centimeters.

Ampere—Unit of current; decomposes .0009324 of a gram of water in one second or deposits silver at the rate of .001118 of a gram per second, when passed through a solution of nitrate of silver in water.

Volt—Unit of electro motive force; one volt equals one ampere of current passing through a substance having one ohm of resistance.

Coulomb—Unit of quantity; amount of electricity transferred by a current of one ampere in one second.

Farad—Unit of capacity; capacity of a condenser charged to a potential of one volt by one coulomb. A microfarad is one-millionth of a farad.

Joule—Unit of work; equivalent to energy expended in one second by one ampere current in one ohm resistance.

Watt—Unit of power; equivalent to work done at the rate of one joule per second. A kilowatt is 1,000 watts.

SIMPLE INTEREST TABLE.

NOTE.—To find the amount of interest at $\frac{3}{4}$ per cent on any given sum, divide the amount given for the same sum in the table at 5 per cent by 2; at $\frac{3}{4}$ per cent divide the amount at 1 per cent by 2, etc.

Amt.	Interest.	TIME.											
		1 day.	2 days.	3 days.	4 days.	5 days.	6 days.	7 days.	8 days.	9 days.	10 days.	20 days.	1 month.
\$1	3												
	4												
	5												
	6												
	7												
\$2	3												
	4												
	5												
	6												
	7												
\$3	3												
	4												
	5												
	6												
	7												
\$4	3												
	4												
	5												
	6												
	7												
\$5	3												
	4												
	5												
	6												
	7												
\$10	3												
	4												
	5												
	6												
	7												
\$25	3												
	4												
	5												
	6												
	7												
\$50	3												
	4												
	5												
	6												
	7												
\$100	3												
	4												
	5												
	6												
	7												

COMPOUND INTEREST ON ONE DOLLAR.

Years.	3%.	4%.	5%.	6%.	7%.	Years.	3%.	4%.	5%.	6%.	7%.
1	1.03	1.04	1.05	1.06	1.07	9	1.30	1.42	1.55	1.70	1.85
1½	1.04	1.06	1.07	1.09	1.10	9½	1.32	1.45	1.59	1.75	1.92
2	1.06	1.08	1.10	1.12	1.14	10	1.34	1.48	1.63	1.80	1.98
2½	1.07	1.10	1.13	1.15	1.18	100	19.25	50.50	131.50	340.00	868.00
3	1.09	1.12	1.15	1.19	1.22	WHEN MONEY DOUBLES AT INTEREST.					
3½	1.10	1.14	1.18	1.22	1.27	Interest.					
4	1.12	1.17	1.21	1.26	1.31	Simple Comp'd.					
4½	1.14	1.19	1.24	1.30	1.36	Interest.					
5	1.16	1.21	1.28	1.34	1.41	Simple Comp'd.					
5½	1.17	1.24	1.31	1.38	1.45	Rate.					
6	1.19	1.26	1.34	1.42	1.51	Years.					
6½	1.21	1.29	1.37	1.46	1.56	Rate.					
7	1.23	1.31	1.41	1.51	1.61	Years.					
7½	1.24	1.34	1.44	1.55	1.67	Rate.					
8	1.26	1.37	1.48	1.60	1.73	Years.					
8½	1.28	1.39	1.52	1.65	1.79	Rate.					

FATAL THEATER FIRES AND PANICS SINCE 1811.

Theater or hall and date.	Lives lost.	Theater or hall and date.	Lives lost.
Banquet theater, Oporto, March 21, 1838.....	200	Front Street theater, Baltimore, Dec. 8, 1895.....	23
Barnsley, England (hall), Jan. 11, 1908.....	16	Iroquois, Chicago, Dec. 30, 1903.....	575
Bologno, Russia, March 6, 1911.....	120	Lehman's theater, St. Petersburg, 1836.....	700
Canonsburg, Pa., opera house, Aug. 26, 1911.....	26	Opera Comique, Paris, May 25, 1887.....	75
Carlsruhe theater, St. Petersburg, 1847.....	200	Rhode's opera house, Boyertown, Pa., Jan. 13, 1908.....	170
Central theater, Philadelphia, April 25, 1892.....	6	Richmond (Va.) theater, Dec. 28, 1811.....	70
Conway's theater, Brooklyn, Dec. 5, 1876.....	295	Ring theater, Vienna, Dec. 3, 1831.....	447
Exeter theater, England, Sept. 5, 1887.....	200	Villareal theater, Spain, May 27, 1912.....	80
Flora theater, Acapulco, Mex., Feb. 14, 1909.....	250		

STATUTORY WEIGHTS OF THE BUSHEL.

STATE OR TERRITORY.	Wheat.	Rye.	Oats.	Barley.	Buckwheat.	Shelled corn.	Corn on cob.	Cornmeal.	Bran.	Potatoes, Irish.	Potatoes, sweet.	Carrots.	Onions.	Turnips.	Beets.	Beans.	Peas.	Apples.	Dried apples.	Dried peaches.	Castor beans.	Flax seed.	Hemp seed.	Millet.	Timothy seed.	Blue grass seed.	Hungarian gr. seed.	Clover seed.
United States.....	60	56	32	48	42	56	70	48	60	60	55	57	57	55	60	60	60	50	56	50	56	50	50	60	14	60	60	
Alabama.....	60	56	32	47	45	56	70	48	60	60	55	57	57	55	60	60	60	24	38	38	50	56	50	60	14	60		
Arizona.....	60	56	32	48	45	54	54	60	60	60	50	57	57	55	60	60	60	50	24	33	50	56	50	60	14	60		
Arkansas.....	60	56	32	48	45	56	59	60	60	60	50	57	57	55	60	60	60	50	24	33	50	56	50	60	14	60		
California.....	60	54	32	48	45	52	56	70	60	60	54	50	57	52	60	60	60	50	24	33	50	56	50	60	14	60		
Colorado.....	60	56	32	48	45	52	56	70	50	60	54	50	57	52	60	60	60	48	25	33	50	56	50	60	14	60		
Connecticut.....	60	56	32	48	48	56	56	60	20	60	54	50	57	52	60	60	60	48	25	33	55	56	50	60	14	60		
Delaware.....	60	56	32	48	56	56	60	60	60	60	54	50	57	52	60	60	60	48	25	33	55	56	50	60	14	60		
District of Columbia.....	60	56	32	48	56	56	60	60	60	60	54	50	57	52	60	60	60	48	24	33	55	56	50	60	14	60		
Florida.....	60	56	32	48	56	56	70	48	20	60	55	57	57	55	60	60	60	48	24	33	48	56	50	60	14	60		
Georgia.....	60	56	32	47	52	56	70	48	20	60	55	57	57	55	60	60	60	48	24	33	56	56	50	60	14	60		
Hawaii.....	60	56	32	48	56	56	60	60	60	60	55	57	57	55	60	60	60	48	24	33	56	56	50	60	14	60		
Idaho.....	60	56	32	48	42	56	70	48	60	60	50	57	57	55	60	60	60	45	28	28	56	56	50	60	14	60		
Illinois.....	60	56	32	48	52	56	68	60	60	60	55	57	57	55	60	60	60	48	24	33	46	56	50	60	14	60		
Indiana.....	60	56	32	48	52	56	68	60	60	60	55	57	57	55	60	60	60	48	24	33	46	56	50	60	14	60		
Iowa.....	60	56	32	48	52	56	70	50	20	60	46	57	57	55	60	60	60	48	24	33	46	56	50	60	14	60		
Kansas.....	60	56	32	48	50	56	70	50	20	60	50	57	57	55	60	60	60	48	24	33	50	56	50	60	14	60		
Kentucky.....	60	56	32	47	56	56	70	50	20	60	55	57	57	55	60	60	60	24	39	39	45	56	50	60	14	60		
Louisiana.....	60	56	32	48	56	56	60	50	60	60	50	52	52	50	60	60	60	44	24	39	45	56	50	60	14	60		
Maine.....	60	50	32	48	48	56	50	60	60	60	50	52	52	50	60	60	60	44	24	39	45	56	50	60	14	60		
Maryland.....	60	56	32	48	56	56	60	60	60	60	50	52	52	50	60	60	60	44	24	39	45	56	50	60	14	60		
Massachusetts.....	60	56	32	48	48	56	50	20	60	60	54	50	52	58	60	60	60	48	25	33	55	56	50	60	14	60		
Michigan.....	60	56	32	48	48	56	70	48	20	60	55	55	55	55	60	60	60	48	25	33	46	56	50	60	14	60		
Minnesota.....	60	56	32	48	48	56	72	48	20	60	55	55	55	55	60	60	60	50	22	28	46	56	50	60	14	60		
Mississippi.....	60	56	32	48	48	56	72	48	20	60	50	57	57	55	60	60	60	48	25	33	46	56	50	60	14	60		
Missouri.....	60	56	32	48	52	56	70	50	20	60	56	50	57	52	60	60	60	48	24	33	46	56	50	60	14	60		
Montana.....	60	56	32	48	52	56	70	50	20	60	50	50	57	55	60	60	60	45	24	33	46	56	50	60	14	60		
Nebraska.....	60	56	32	48	52	56	70	50	20	60	50	50	57	55	60	60	60	24	33	33	46	56	50	60	14	60		
New Hampshire.....	60	56	32	48	56	56	60	60	60	60	50	50	57	55	60	60	60	48	25	33	46	56	50	60	14	60		
New Jersey.....	60	56	30	48	50	56	70	48	20	60	54	50	57	55	60	60	60	50	25	33	55	56	50	60	14	60		
New York.....	60	56	32	48	48	56	60	50	20	60	54	50	57	55	60	60	60	48	25	33	55	56	50	60	14	60		
North Carolina.....	60	56	32	48	50	56	70	48	20	60	46	50	52	55	60	60	60	50	24	33	55	56	50	60	14	60		
North Dakota.....	60	56	32	48	42	56	68	60	60	60	50	50	52	55	60	60	60	50	24	33	55	56	50	60	14	60		
Ohio.....	60	56	32	48	56	56	68	60	60	60	46	50	52	55	60	60	60	45	28	28	56	56	50	60	14	60		
Oklahoma.....	60	56	32	48	42	56	70	50	20	60	46	50	52	55	60	60	60	45	28	28	56	56	50	60	14	60		
Oregon.....	60	56	32	46	42	56	60	60	60	60	50	50	50	50	60	60	60	48	25	33	46	56	50	60	14	60		
Pennsylvania.....	60	56	32	47	48	56	60	60	60	60	56	50	50	50	60	60	60	48	25	33	46	56	50	60	14	60		
Rhode Island.....	60	56	32	48	48	56	70	50	20	60	54	50	50	50	60	60	60	48	25	33	46	56	50	60	14	60		
South Carolina.....	60	56	32	48	42	56	70	48	20	60	46	50	52	55	60	60	60	50	24	33	56	56	50	60	14	60		
South Dakota.....	60	56	32	48	42	56	68	60	60	60	50	50	52	55	60	60	60	50	24	33	56	56	50	60	14	60		
Tennessee.....	60	56	32	48	42	56	70	48	20	60	55	57	57	55	60	60	60	46	28	28	46	56	50	60	14	60		
Texas.....	60	56	32	48	42	56	70	48	20	60	55	57	57	55	60	60	60	50	28	28	46	56	50	60	14	60		
Vermont.....	60	56	32	48	48	56	60	60	60	60	56	50	52	55	60	60	60	46	28	28	46	56	50	60	14	60		
Virginia.....	60	56	32	48	42	56	70	50	60	60	56	50	52	55	60	60	60	46	28	28	46	56	50	60	14	60		
Washington.....	60	56	32	48	42	56	70	50	60	60	56	50	52	55	60	60	60	46	28	28	46	56	50	60	14	60		
West Virginia.....	60	56	32	48	52	56	70	50	20	60	54	50	57	42	60	60	60	50	25	33	56	56	50	60	14	60		
Wisconsin.....	60	56	32	48	50	56	70	50	20	60	54	50	57	42	60	60	60	50	25	33	56	56	50	60	14	60		

NOTE—Rye meal takes 48 pounds to the bushel in the District of Columbia and 50 in Maine, Massachusetts, New York, Rhode Island and Wisconsin.

sin. The metric system is used in the Philippines and Porto Rico.

TABLE OF SPECIFIC GRAVITY.

Compared with water.

Water, distilled	100	Iron, cast	721
Water, sea	103	Ivory	183
Alcohol	81	Lead	1,135
Aluminum	256	Mahogany	106
Ash	84	Maple	75
Beech	95	Marble	270
Ber	102	Milk, cow's	103
Brass	840	Milk, goat's	104
Butter	94	Oak	117
Cedar	61	Oil, olive	92
Chalk	279	Opium	134
Cider	102	Platina	2,150
Coal	130	Porcelain	226
Copper	895	Silver	1,047
Cork	24	Steel	783
Diamond	353	Sulphur	203
Ebony	133	Tin	729
Fir	55	Turpentine	99
Glass	259	Walnut	67
Gold	1,925	Wine	100
Ice	92	Zinc	591
Indigo	77		

THERMOMETERS COMPARED

There are three kinds of thermometers, with varying scales, in general use throughout the world—the Fahrenheit, Reaumur and centigrade. The freezing and boiling points on their scales compare as follows:

Thermometer.	Freezing pt.	Boiling pt.
Fahrenheit	32 degrees	212 degrees
Reaumur	zero	80 degrees
Centigrade	zero	100 degrees

The degrees on one scale are reduced to their equivalents on another by these formulas:

Fahrenheit to Reaumur—Subtract 32, multiply by four-ninths.

Fahrenheit to Centigrade—Subtract 32, multiply by five-ninths.

Reaumur to Fahrenheit—Multiply by nine-fourths, add 32.

Reaumur to Centigrade—Multiply by five-fourths.

Centigrade to Fahrenheit—Multiply by nine-fifths, add 32.

Centigrade to Reaumur—Multiply by four-fifths.

DAYS OF GRACE, INTEREST AND STATUTE OF LIMITATIONS.

STATE.	Days of grace.	INTEREST.		LIMITATIONS.			STATE.	Days of grace.	INTEREST.		LIMITATIONS.		
		Legal rate.	By con- tract.	Judge- ments.	Notes.	Accounts.			Legal rate.	By con- tract.	Judge- ments.	Notes.	Accounts.
		P. ct.	P. ct.	Yrs.	Yrs.	Yrs.			P. ct.	P. ct.	Yrs.	Yrs.	Yrs.
Alabama.....	Yes	8	8	20	16	3	Nebraska.....	No	7	10	5	5	4
Arkansas.....	Yes	8	10	10	5	3	Nevada.....	No	7	Any	6	6	4
Arizona.....	No	6	12	5	4	3	New Hampshire.....	No*	6	6	20	6	6
California.....	No	7	Any	5	4	2	New Jersey.....	No	6	6	20	6	6
Colorado.....	No	8	Any	20	6	6	New Mexico.....	Yes	6	12	7	6	4
Connecticut.....	No	6	6	1	1	6	New York.....	No	6	6	20	6	6
Delaware.....	No	6	6	10	6	3	North Carolina.....	Yes*	6	6	10	3	3
Dist. of Columbia.....	No	6	10	12	5	4	North Dakota.....	No	7	12	10	6	6
Florida.....	No	8	10	20	5	4	Ohio.....	No	6	8	20	15	6
Georgia.....	No	7	8	7	6	4	Oklahoma.....	Yes	6	10	5	5	3
Idaho.....	No	7	12	6	5	4	Oregon.....	Yes	6	10	10	6	6
Illinois.....	No	7	7	20	10	5	Pennsylvania.....	No	6	6	20	6	6
Indiana.....	No	6	8	20	10	6	Rhode Island.....	Yes*	6	Any	20	6	6
Iowa.....	No	6	8	20	10	5	South Carolina.....	Yes*	7	8	10	6	6
Kansas.....	No	6	10	5	5	3	South Dakota.....	Yes	7	12	20	6	6
Kentucky.....	No	6	6	15	15	5	Tennessee.....	No	6	6	10	6	6
Louisiana.....	No	5	8	10	5	3	Texas.....	Yes*	6	10	10	4	2
Maine.....	Yes*	6	Any	20	6	6	Utah.....	No	8	12	8	6	4
Maryland.....	No	6	6	12	3	3	Vermont.....	No	6	6	8	6	6
Massachusetts.....	Yes*	6	Any	20	6	6	Virginia.....	No	6	6	20	5	2
Michigan.....	No	5	7	10	6	6	Washington.....	No	6	12	6	6	3
Minnesota.....	No	6	10	10	6	6	West Virginia.....	No	6	6	10	10	5
Mississippi.....	Yes	6	10	7	6	3	Wisconsin.....	No	6	10	20	6	6
Missouri.....	No	6	8	10	10	5	Wyoming.....	No	8	12	5	5	8
Montana.....	No	8	Any	10	8	5							

*Sight, yes; demand, no. †Under seal 10. ‡No law. §Negotiable notes 6, nonnegotiable 17.

TABLE OF MONTHLY WAGES.

DAYS.	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	\$23	\$24	\$25
1.....	.38	.42	.46	.50	.54	.58	.62	.65	.69	.73	.77	.81	.85	.88	.92	.96
2.....	.77	.85	.92	1.00	1.08	1.15	1.23	1.31	1.38	1.46	1.54	1.62	1.69	1.77	1.85	1.92
3.....	1.15	1.27	1.38	1.50	1.62	1.73	1.85	1.96	2.08	2.19	2.31	2.42	2.54	2.65	2.77	2.88
4.....	1.54	1.69	1.85	2.00	2.15	2.31	2.46	2.62	2.77	2.92	3.08	3.23	3.38	3.54	3.69	3.85
5.....	1.92	2.12	2.31	2.50	2.69	2.88	3.08	3.27	3.46	3.65	3.85	4.04	4.23	4.42	4.62	4.81
6.....	2.31	2.54	2.77	3.00	3.23	3.46	3.69	3.92	4.15	4.38	4.62	4.85	5.08	5.31	5.54	5.77
7.....	2.69	2.96	3.25	3.50	3.77	4.04	4.31	4.58	4.85	5.12	5.38	5.65	5.92	6.19	6.46	6.73
8.....	3.08	3.38	3.69	4.00	4.31	4.62	4.92	5.23	5.54	5.85	6.15	6.46	6.77	7.08	7.38	7.69
9.....	3.46	3.81	4.15	4.50	4.85	5.19	5.54	5.88	6.23	6.58	6.92	7.27	7.62	7.96	8.31	8.65
10.....	3.83	4.23	4.62	5.00	5.38	5.77	6.15	6.54	6.92	7.31	7.69	8.08	8.46	8.85	9.23	9.62
11.....	4.23	4.65	5.08	5.50	5.92	6.35	6.77	7.19	7.62	8.04	8.46	8.88	9.31	9.73	10.15	10.58
12.....	4.62	5.08	5.44	6.00	6.46	6.92	7.38	7.85	8.31	8.77	9.23	9.69	10.15	10.62	11.08	11.54
13.....	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50
14.....	5.38	5.92	6.46	7.00	7.54	8.08	8.62	9.15	9.69	10.20	10.77	11.31	11.85	12.38	12.92	13.46
15.....	5.77	6.35	6.92	7.50	8.08	8.65	9.23	9.81	10.38	10.96	11.54	12.12	12.69	13.27	13.85	14.42
16.....	6.15	6.77	7.38	8.00	8.62	9.23	9.85	10.46	11.08	11.69	12.31	12.92	13.54	14.15	14.77	15.38
17.....	6.54	7.19	7.85	8.50	9.15	9.81	10.46	11.12	11.77	12.42	13.08	13.73	14.38	15.04	15.69	16.35
18.....	6.92	7.62	8.31	9.00	9.69	10.38	11.08	11.77	12.46	13.15	13.85	14.54	15.23	15.92	16.62	17.31
19.....	7.31	8.04	8.77	9.50	10.23	10.96	11.69	12.42	13.15	13.88	14.62	15.35	16.08	16.81	17.54	18.27
20.....	7.69	8.46	9.23	10.00	10.77	11.54	12.31	13.08	13.85	14.62	15.38	16.15	16.92	17.69	18.46	19.23
21.....	8.08	8.88	9.69	10.50	11.31	12.12	12.92	13.73	14.54	15.35	16.15	16.96	17.77	18.58	19.38	20.19
22.....	8.46	9.31	10.15	11.00	11.85	12.69	13.54	14.38	15.23	16.08	16.94	17.77	18.62	19.46	20.31	21.15
23.....	8.85	9.73	10.62	11.50	12.38	13.27	14.15	15.04	15.92	16.81	17.69	18.58	19.46	20.35	21.23	22.12
24.....	9.23	10.15	11.08	12.00	12.92	13.85	14.77	15.69	16.62	17.54	18.46	19.38	20.31	21.23	22.15	23.08
25.....	9.62	10.58	11.54	12.50	13.46	14.42	15.38	16.35	17.31	18.27	19.23	20.19	21.15	22.12	23.08	24.04

TABLE OF YEARLY WAGES.

Per year.	Per month.	Per week.	Per day.	Per year.	Per month.	Per week.	Per day.	Per year.	Per month.	Per week.	Per day.
\$20 is	\$1.67	\$0.38	\$0.05	\$100 is	\$8.33	\$1.92	\$0.27	\$180 is	\$15.00	\$3.45	\$0.49
25	2.08	.48	.07	105	8.75	2.01	.29	185	15.42	3.55	.51
30	2.50	.58	.08	110	9.17	2.11	.30	190	15.83	3.64	.52
35	2.92	.67	.10	115	9.58	2.21	.32	195	16.25	3.74	.53
40	3.33	.77	.11	120	10.00	2.30	.33	200	16.67	3.84	.55
45	3.75	.86	.12	125	10.42	2.40	.34	205	17.08	3.93	.56
50	4.17	.96	.14	130	10.83	2.49	.36	210	17.50	4.03	.58
55	4.58	1.06	.15	135	11.25	2.59	.37	215	17.92	4.12	.59
60	5.00	1.15	.16	140	11.67	2.69	.38	220	18.33	4.22	.60
65	5.42	1.25	.18	145	12.08	2.78	.40	225	18.75	4.31	.62
70	5.83	1.34	.19	150	12.50	2.88	.41	230	19.17	4.41	.63
75	6.25	1.44	.21	155	12.92	2.97	.42	235	19.58	4.51	.64
80	6.67	1.53	.22	160	13.33	3.07	.44	240	20.00	4.60	.66
85	7.09	1.63	.23	165	13.75	3.16	.45	245	20.42	4.70	.67
90	7.50	1.73	.25	170	14.17	3.26	.47	250	20.83	4.79	.69
95	7.92	1.82	.26	175	14.58	3.36	.48				

MINERAL PRODUCTS OF THE UNITED STATES.

[Prepared by the United States geological survey.]

MINERALS.	Unit of measure.	1908.		1909.		1910.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Aluminum.....	Pounds.....	11,152,000	\$2,431,600	34,210,000	\$6,575,000	47,734,000	\$8,955,700
Asbestos.....	Short tons.....	996	19,624	3,085	62,603	3,693	68,357
Asphaltum.....	Short tons.....	185,352	1,888,881	208,665	1,938,273	260,087	3,080,067
Barytes (crude).....	Short tons.....	38,537	120,442	55,577	186,561	42,975	121,746
Bauxite.....	Long tons.....	52,167	283,983	129,101	679,447	42,857	716,259
Borax.....	Pounds.....	25,000	975,000	41,434	1,594,356	1,201,842	1,201,842
Cement.....	Barrels.....	52,910,925	44,477,653	65,399,889	52,797,973	77,785,141	68,758,082
Clay products.....	Short tons.....	133,197,762	8,745	186,321,213	1,028	170,115,974	170,115,974
Coal, anthracite.....	Long tons.....	74,847,102	158,178,849	72,374,249	149,415,847	75,433,246	160,275,802
Coal, bituminous.....	Short tons.....	332,573,944	374,155,268	379,744,257	405,496,777	417,114,142	469,281,719
Copper.....	Pounds.....	942,570,721	124,419,339	1,002,361,624	142,083,711	1,080,159,509	137,180,257
Corundum, emery.....	Short tons.....	669	8,745	19,185	1,028	15,077	15,077
Feldspar.....	Short tons.....	67,240	400,918	75,539	401,788	81,102	502,452
Fluorspar.....	Short tons.....	38,795	225,988	50,102	291,747	62,247	490,196
Fuller's earth.....	Short tons.....	29,714	278,367	33,486	301,604	32,322	293,709
Garnet (abrasive).....	Short tons.....	1,996	64,620	2,972	102,315	3,814	113,574
Gold (coining value).....	Troy ounces.....	4,574,340	94,500,000	4,821,701	99,673,400	4,657,018	96,239,100
Graphite.....	Pounds.....	2,288,000	132,840	6,294,400	313,271	5,500,592	285,733
Grindstones.....	Short tons.....	536,095	804,051	804,051	804,051	796,294	796,294
Gypsum.....	Short tons.....	1,721,829	4,138,500	2,252,785	5,906,738	2,379,057	6,523,029
Insufurial earth.....	Long tons.....	15,936,018	97,442	122,948	419,175,000	27,308,567	130,106
Iron (pig).....	Short tons.....	310,762	25,104,008	354,188	30,460,168	372,227	425,115,736
Lead.....	Long tons.....	1,544	62,779	1,675	10,695	2,258	22,892
Manganese ore.....	Pounds.....	972,964	234,021	1,809,532	234,482	2,476,190	283,832
Mica, sheet.....	Short tons.....	2,417	33,904	4,090	46,047	4,065	53,265
Mica, scrap.....	Short tons.....	68,694	2,410,967	79,688	2,419,710	85,685	2,174,735
Mineral paints.....	Gals. sold.....	56,108,820	7,287,269	64,674,486	6,894,134	62,030,125	6,357,590
Mineral waters.....	Short tons.....	56,108,820	7,287,269	64,674,486	6,894,134	62,030,125	6,357,590
Natural gas.....	Barrels.....	179,572,479	129,706,255	182,134,274	128,245,753	200,556,048	127,836,328
Oilstones.....	Long tons.....	2,386,138	11,399,124	2,330,152	10,772,120	2,654,988	10,917,000
Platinum.....	Troy ounces.....	750	14,250	638	15,950	773	25,277
Precious stones.....	Short tons.....	222,598	857,113	247,070	1,028,157	238,154	958,908
Pyrite.....	Short tons.....	47,316	190,157	135,469	249,466	63,577	198,757
Quartz.....	Flasks.....	19,752	824,145	21,075	888,710	20,601	968,153
Quicksilver.....	Barrels.....	28,822,062	7,382,646	30,115,646	8,349,331	30,905,656	7,900,344
Salt.....	Troy ounces.....	52,440,800	20,050,000	54,721,500	28,455,200	57,137,900	30,551,500
Salt (commercial value).....	Short tons.....	369,444	6,668,215	239,312	4,432,066	255,534	4,905,113
Sulphur.....	Short tons.....	46,615	703,832	81,802	862,002	79,006	864,213
Talc, soapstone.....	Short tons.....	190,749	17,930,406	230,225	24,864,300	252,479	27,267,732
Zinc.....	Short tons.....	56,292	5,072,460	68,974	6,156,755	59,533	5,325,636
Zinc oxide.....	Short tons.....	56,292	5,072,460	68,974	6,156,755	59,533	5,325,636
Total*.....			1,566,670,186		1,885,925,183		2,003,714,869

*Includes also minerals not mentioned in list.

COAL PRODUCTION BY STATES (1910).

In tons of 2,240 pounds.

ANTHRACITE.		BITUMINOUS.	
Pennsylvania.....	75,433,426	Montana.....	2,608,009
Colorado-New Mexico.....	80,960	New Mexico.....	3,095,530
		North Dakota.....	356,287
		Ohio.....	30,544,346
		Oklahoma.....	2,362,702
		Oregon.....	60,297
		Pennsylvania.....	134,394,220
		Tennessee.....	6,358,375
		Texas.....	1,689,443
		Utah.....	2,248,044
		Virginia.....	5,810,712
		Washington.....	3,492,767
		West Virginia.....	55,063,410
		Wyoming.....	6,725,971
		Total bituminous.....	372,339,603
		Grand total.....	447,853,909
		Total 1909.....	411,431,621

COAL PRODUCTION BY YEARS

Tons of 2,240 pounds.

Year.	Anthracite.	Bituminous.
1870.....	14,287,597	14,126,095
1880.....	26,971,244	33,337,055
1890.....	40,666,933	85,430,842
1900.....	53,944,647	172,609,988
1901.....	51,221,353	189,567,957
1902.....	60,242,560	201,632,376
1903.....	36,340,710	232,336,468
1904.....	65,613,454	252,454,775
1905.....	65,318,490	248,803,294
1906.....	69,339,152	281,306,058
1907.....	63,645,010	306,138,274
1908.....	76,432,421	352,463,493
1909.....	74,347,102	296,941,021
1910.....	64,619,865	339,057,372
1911.....	75,433,246	372,420,663

PIG IRON PRODUCTION IN THE UNITED STATES.

In tons of 2,240 pounds. Calendar year 1911.

State.	Tons.	State.	Tons.	State.	Tons.	State.	Tons.
Alabama.....	1,712,311	Kentucky.....	95,202	Ohio.....	5,310,506	Wisconsin.....	276,807
Colorado.....	395,368	Maryland.....	255,816	Pennsylvania.....	9,807,073		
Connecticut.....	9,649	Michigan.....	1,163,932	Tennessee.....	324,648	Total.....	23,649,547
Georgia.....	1,200	New Jersey.....	40,663	Virginia.....	293,642	Total, 1910.....	27,303,567
Illinois.....	2,108,092	New York.....	1,562,756	West Virginia.....	291,472		

NOTE.—In the foregoing table the figures for Indiana are included with those for Michigan. Massachusetts is combined with Connecticut, Minnesota with Wisconsin, Texas with Georgia, and Missouri, Washington, California and Oregon with Colorado.

MINES AND QUARRIES IN THE UNITED STATES.

[From report of census bureau, 1912.]

In 1909 in the United States, exclusive of Alaska, Hawaii, Porto Rico and other outlying noncontiguous territory, 23,682 operators conducted 27,240 mines and quarries and 166,448 petroleum and natural gas wells. Of the operators 3,749 were engaged solely in development work upon which, in 1909, the sum of \$31,548,736 was expended. In Alaska in 1909 there were 673 operators, who employed 8,025 persons, in the mining industry. The total expenses of these operators amounted to \$13,220,200, while the capital invested was reported as \$47,749,164. The total value of products was \$16,933,427, of which amount \$16,327,752 consisted of gold and silver. In Hawaii and Porto Rico the total value of product for the eighteen operators reported was only \$26,414.

The total number of persons engaged in connection with producing mines, quarries and wells, as reported on Dec. 15, 1909, or nearest representative day, was 1,139,332, of whom wage earners numbered 1,065,283, proprietors and firm members 292 and salaried employees 44,127. In mines, quarries and wells for which development work only was carried on there were a total of 27,616 persons, of whom 21,499 were wage earners. Of the total number of persons, 1,166,948, employed in productive and non-productive mines, 1,153,775 were men 16 years of age and over, and 8,173 were boys under 16 years of age. Distributed by sex, 1,162,840 were male and 4,108 female, the latter being employed in supervisory and clerical capacities.

The total capital invested in all mining enterprises on Dec. 31, 1909, as reported, was \$3,662,567,064, of which \$3,380,525,841 was invested in productive enterprises and \$282,001,223 in those in which development work only was carried on.

SUMMARY BY INDUSTRIES.

Industry.	Mines, etc.	Expenses.	Value products.	Persons engaged.
Fuels.....				
Coal, anth.....	423	\$139,324,467	\$149,180,471	178,004
Coal, bitum.....	6,013	395,907,026	427,962,464	592,677
Petroleum and natural gas, 166,320	135,638,624	185,416,684	62,172	
Peat.....	10	96,034	109,047	203
Metals.....				
Iron.....	483	74,071,830	106,947,082	55,176
Copper.....	368	107,679,212	134,616,987	55,258
Precious metals.....				
Deep mines.....	2,845	68,764,692	83,885,928	37,755
Placer mines.....	880	6,810,482	10,237,252	5,438
Quicksilver.....	1,142	24,453,299	31,363,094	24,397
Manganese.....	12	719,861	868,465	640
Manganese.....	8	21,725	20,435	65
Building stone.....				
Limestone.....	1,916	23,875,507	29,832,492	41,029
Granite.....	826	16,192,138	18,997,976	22,211
Sandstone.....	677	6,626,438	7,702,423	11,025
Marble.....	108	4,842,835	6,239,120	6,649
Slate.....	219	5,831,256	6,054,174	10,121
Traprock.....	220	5,090,538	5,578,317	6,748
Bluestone.....	637	1,182,873	1,588,406	3,020
Miscellaneous.....				
Asbestos.....	20	72,747	65,140	88
Asphaltum and bitum. rock.....	19	301,673	466,461	241
Barytes.....	42	176,967	224,766	372
Bauxite.....	10	316,221	670,829	726
Bohr and mill stones.....	14	18,354	34,441	79
Clay.....	336	2,289,198	2,945,948	4,351
Corundum and emery.....	6	7,459	18,185	19
Feldspar.....	28	238,896	271,437	363
Feldspar.....	15	319,426	288,509	376
Fuller's earth.....	21	321,762	380	380
Garnet.....	4	98,206	101,920	120
Graphite.....	20	328,690	344,130	436
Grindstones.....	25	339,261	413,296	430
Gypsum.....	222	4,905,662	5,812,810	4,215
Infusorial earth.....	16	61,083	75,503	99
Magnesite.....	13	62,444	68,463	84
Marl.....	3	17,812	13,307	308
Mica.....	78	182,828	206,794	638
Mineral pigments.....	26	115,860	151,015	246
Monazite and zircon.....	4	50,909	64,472	34

Industry.	Mines, etc.	Expenses.	Value products.	Persons engaged.
Oil, scythe and whet stones.....	45	99,269	206,028	232
Phosphate rock.....	153	7,421,430	10,731,192	8,573
Precious stones.....	27	195,908	315,464	145
Pumice.....	4	6,087	30,097	25
Pyrite.....	12	734,355	676,984	1,160
Quartz.....	14	155,418	231,025	268
Sulphur.....	4	4,539,359	4,432,066	460
Talc and soap-stone.....	46	1,036,371	1,474,516	1,452
Tripoli.....	7	42,493	66,557	73
Tungsten.....	116	365,780	563,457	227
All other industries*.....	27	740,874	778,938	560

Total..... 1,042,642,692 1,238,410,322 1,139,332

*Includes enterprises as follows: Antimony, 1; bismuth, 1; borax, 2; chromite, 2; manganiferous iron, 2; nickel and cobalt, 1; tin, 1.

SUMMARY BY STATES.

State.	Mines.	Wells.	Expenses.	Value product.
Maine.....	102	.....	\$1,876,341	\$2,056,063
New Hampshire.....	53	.....	1,204,966	1,808,597
Vermont.....	182	.....	6,795,268	8,221,323
Massachusetts.....	147	.....	2,987,175	3,467,838
Rhode Island.....	27	.....	673,877	897,606
Connecticut.....	75	.....	1,158,491	1,375,765
New York.....	752	11,342	9,987,768	13,334,975
New Jersey.....	151	.....	4,507,940	8,347,501
Pennsylvania.....	3,000	59,780	300,977,955	349,059,786
Ohio.....	964	35,067	53,852,530	63,767,112
Indiana.....	490	10,373	20,312,752	21,934,201
Illinois.....	759	10,918	68,718,121	76,668,974
Michigan.....	173	21	51,819,838	67,714,479
Wisconsin.....	286	.....	5,508,751	7,469,404
Minnesota.....	270	.....	38,574,180	58,664,852
Iowa.....	431	.....	13,694,714	13,377,781
Missouri.....	1,224	39	27,515,101	31,667,525
North Dakota.....	53	6	570,140	564,812
South Dakota.....	43	3	5,154,263	6,432,417
Nebraska.....	20	.....	260,049	322,517
Kansas.....	582	3,402	15,831,787	18,722,634
Delaware.....	9	.....	508,937	516,213
Maryland.....	173	.....	5,006,157	5,782,045
Virginia.....	244	.....	8,863,954	8,795,646
West Virginia.....	118	15,146	71,347,631	76,287,889
North Carolina.....	130	.....	1,416,075	1,358,617
South Carolina.....	32	.....	1,034,523	1,252,792
Georgia.....	129	.....	2,064,236	2,874,595
Florida.....	96	.....	5,909,532	8,846,665
Kentucky.....	442	1,109	11,721,722	12,100,075
Tennessee.....	365	1	11,969,257	12,692,547
Alabama.....	302	.....	22,442,278	24,500,667
Arkansas.....	146	62	4,309,211	4,603,845
Louisiana.....	2	246	6,641,555	6,647,050
Oklahoma.....	212	12,113	21,071,609	25,637,892
Texas.....	92	2,279	8,177,783	10,742,150
Montana.....	543	.....	46,520,545	64,991,961
Idaho.....	370	.....	7,193,763	8,649,342
Wyoming.....	85	.....	9,053,467	10,572,160
Colorado.....	1,575	76	38,630,288	45,680,135
New Mexico.....	285	.....	5,553,423	5,587,744
Arizona.....	251	.....	28,608,216	34,217,651
Utah.....	235	.....	16,606,028	22,083,282
Nevada.....	374	.....	14,415,728	20,271,597
Washington.....	170	.....	7,900,722	10,537,556
Oregon.....	161	.....	1,223,468	1,191,512
California.....	1,279	4,316	52,565,278	63,382,454
Geographic divisions.....				
New England.....	586	.....	14,696,118	17,327,242
Middle Atlantic.....	1,122	.....	315,473,663	370,742,262
East N. Central.....	2,662	56,379	200,211,992	237,534,170
West N. Central.....	3,652	3,450	101,600,234	130,252,538
South Atlantic.....	1,652	15,146	96,151,345	105,714,262
East S. Central.....	1,109	1,110	46,133,257	49,143,289
West S. Central.....	452	14,700	40,200,158	47,530,937
Mountain.....	3,728	97	166,586,458	205,053,900
Pacific.....	1,610	4,316	61,589,468	75,111,522

Total U. S..... 18,164 166,320 1,042,642,693 1,238,410,322
 The states leading in the number of persons engaged in mining, quarrying, etc. were: Pennsylvania, 405,685; Illinois, 36,389; West Virginia, 82,808; Ohio, 62,874; Michigan, 42,133; Alabama, 32,643; Missouri, 32,462; Indiana, 31,292.

LIFE INSURANCE IN THE UNITED STATES.

YEAR.	ORDINARY.		INDUSTRIAL.		TOTAL.	
	Policies.	Amount.	Policies.	Amount.	Policies.	Amount.
1850.....	29,407	\$68,614,189	.....	.....	.....	.....
1860.....	60,000	180,000,000	.....	.....	.....	.....
1870.....	838,226	2,332,547,000	.....	.....	.....	.....
1880.....	679,680	1,564,135,532	.....	.....	.....	.....
1890.....	1,319,561	3,620,057,439	3,883,529	429,621,123	5,203,090	\$1,884,717,001
1900.....	3,176,051	7,093,152,380	11,219,296	1,468,986,366	14,395,347	\$8,562,138,746
1910.....	6,954,119	13,227,213,168	23,084,463	3,177,047,874	29,988,582	16,404,261,042
	Total income.	Payments to policyholders.	Assets.	Liabilities.	Surplus.	
1890.....	\$196,938,069	\$80,007,820	\$770,972,061	\$678,681,809	\$92,290,752	
1900.....	400,257,603	168,687,601	1,742,414,173	1,493,378,709	249,035,464	
1910.....	781,011,249	387,302,073	3,875,877,059	3,325,878,966	549,998,633	

AMERICAN TABLE OF MORTALITY.

Used by insurance companies in computing expectation of life.

Age.	No. living.	No. Exp't'n dying.	Age.	No. living.	No. Exp't'n dying.	Age.	No. living.	No. Exp't'n dying.			
10.....	100,000	749	48.72	39.....	78,862	756	28.90	68.....	43,133	2,243	9.47
11.....	99,251	746	48.08	40.....	78,106	765	28.18	69.....	40,890	2,321	8.91
12.....	98,505	743	47.45	41.....	77,341	774	27.45	70.....	38,569	2,391	8.46
13.....	97,762	740	46.80	42.....	76,567	785	26.72	71.....	36,178	2,448	8.02
14.....	97,022	737	46.16	43.....	75,782	797	26.00	72.....	33,730	2,487	7.65
15.....	96,285	735	45.50	44.....	74,985	812	25.27	73.....	31,243	2,505	7.11
16.....	95,550	732	44.85	45.....	74,173	828	24.54	74.....	28,738	2,501	6.68
17.....	94,818	729	44.19	46.....	73,345	848	23.81	75.....	26,237	2,476	6.27
18.....	94,089	727	43.53	47.....	72,497	870	23.08	76.....	23,761	2,431	5.88
19.....	93,362	725	42.87	48.....	71,627	896	22.36	77.....	21,330	2,369	5.49
20.....	92,637	723	42.20	49.....	70,731	927	21.63	78.....	18,961	2,291	5.11
21.....	91,914	722	41.53	50.....	69,804	962	20.91	79.....	16,670	2,196	4.74
22.....	91,192	721	40.85	51.....	68,842	1,001	20.20	80.....	14,474	2,091	4.39
23.....	90,471	720	40.17	52.....	67,841	1,044	19.49	81.....	12,383	1,964	4.05
24.....	89,751	719	39.49	53.....	66,797	1,091	18.79	82.....	10,419	1,816	3.71
25.....	89,032	718	38.81	54.....	65,706	1,143	18.09	83.....	8,603	1,648	3.39
26.....	88,314	718	38.12	55.....	64,563	1,199	17.40	84.....	6,955	1,470	3.08
27.....	87,596	718	37.43	56.....	63,364	1,260	16.72	85.....	5,485	1,292	2.77
28.....	86,878	718	36.73	57.....	62,104	1,325	16.05	86.....	4,193	1,114	2.47
29.....	86,160	719	36.03	58.....	60,779	1,394	15.39	87.....	3,079	933	2.18
30.....	85,441	720	35.33	59.....	59,385	1,468	14.74	88.....	2,146	744	1.91
31.....	84,721	721	34.63	60.....	57,917	1,546	14.10	89.....	1,492	555	1.66
32.....	84,000	723	33.92	61.....	56,371	1,628	13.47	90.....	847	385	1.42
33.....	83,277	726	33.21	62.....	54,743	1,713	12.86	91.....	462	246	1.19
34.....	82,551	729	32.50	63.....	53,030	1,800	12.26	92.....	216	137	.98
35.....	81,822	732	31.78	64.....	51,230	1,889	11.67	93.....	79	58	.80
36.....	81,090	737	31.07	65.....	49,341	1,980	11.10	94.....	21	18	.64
37.....	80,353	742	30.35	66.....	47,361	2,070	10.54	95.....	3	3	.50
38.....	79,611	749	29.62	67.....	45,291	2,158	10.00				

FIRE AND MARINE INSURANCE.

YEAR.	Com-panies.	Income.	PAYMENTS TO POLICYHOLDERS		
			Losses.	Dividends	Total.
1890.....	580	\$157,857,983	\$75,334,517	\$5,334,495	\$80,768,012
1900.....	438	198,312,577	108,307,171	8,446,110	116,753,281
1910.....	593	880,210,864	167,184,300	20,682,580	187,866,880

CASUALTY AND MISCELLANEOUS INSURANCE.

YEAR.	Com-panies.	Income.	Payments to policy-holders.
1890.....	34	\$9,758,413	\$2,983,806
1900.....	62	32,309,619	10,166,796
1910.....	177	111,041,748	41,465,472

BURIAL PLACES OF AMERICAN PRESIDENTS.

George Washington—Mount Vernon, Va.

John Adams—Quincy, Mass.

Thomas Jefferson—Monticello, Va.

James Madison—Montpelier, Va.

James Monroe—Richmond, Va.

John Quincy Adams—Quincy, Mass.

Andrew Jackson—Hermitage, Nashville, Tenn.

Martin Van Buren—Kinderhook, N. Y.

William Henry Harrison—North Bend, O.

John Tyler—Richmond, Va.

James Knox Polk—Nashville, Tenn.

Zachary Taylor—Springfield, Ky.

Millard Fillmore—Buffalo, N. Y.

Franklin Pierce—Concord, N. H.

James Buchanan—Lancaster, Pa.

Abraham Lincoln—Springfield, Ill.

Ulysses S. Grant—New York, N. Y.

Rutherford B. Hayes—Fremont, O.

James A. Garfield—Cleveland, O.

Chester A. Arthur—Albany, N. Y.

Benjamin Harrison—Indianapolis, Ind.

William McKinley—Canton, O.

Grover Cleveland—Princeton, N. J.

FIRE IN HOUSTON, TEX.

Houston, Tex., was visited by a fire on the morning of Feb. 21, 1912, which destroyed \$7,000,000 worth of property and made several hundred persons homeless. Twenty-five squares of buildings were burned, including many manufacturing plants

and a number of cotton warehouses. More than 250 structures, all in the eastern part of the city, were swept away by the flames, which were fanned by a strong and cold wind from the north. The loss on cotton alone was more than \$2,000,000.

NATIONAL RAILWAY, TELEGRAPH AND POSTAL STATISTICS.

[From report compiled by bureau of statistics, Washington, D. C.]

COUNTRY.	Year.	Rail-ways.	Tele-graphs.	Post-offices.	Postal routes.	Postal service performed.	Val. domes-tic money and postal orders sent.	Value for-foreign money orders sent.
		Miles.	Miles.	No.	Miles.	Miles.		
Argentina.....	1910	17,392	37,905	2,953	43,336	14,613,700	\$8,632,122	\$292,807
Australian Commonwealth.....	1910	17,432	42,298	7,724	126,601	33,586,165	38,282,240	2,384,470
New Zealand.....	1910	2,746	10,901	2,206			8,964,038	2,269,161
Austria-Hungary.....	1910	27,511						
Austria.....	1910		39,554	10,777	141,168	53,381,320	208,742,738	63,604,808
Hungary.....	1909		15,554	5,986	82,553	1,019,710	214,490,113	50,965,575
Belgium.....	1910	5,288	4,617	1,562	5,551	65,180,291	67,864,269	8,852,489
Belgian Kongo.....	1910	575	1,683*	66	13,875	902,639	28,501	115,178
Bolivia.....	1911	635	3,111	198				
Brazil.....	1910	13,219	36,199	3,246				
Bulgaria.....	1910	1,176	3,688	2,070	14,654	4,475,685	5,395,241	5,656,615
Canada.....	1910	24,731	36,517	12,887			41,595,206	19,371,957
Central America—Costa Rica.....	1910	427	1,473*	109				
Guatemala.....	1910	450	4,209	28				
Honduras.....	1910	106	3,220*	264				
Nicaragua.....	1910	171	3,637*	135				
Panama.....	1910	202		96				
Salvador.....	1910	97	2,491*	96	1,848	36,601		2,838
Chile.....	1910	3,573	24,651*	1,068	28,752	7,564,518	4,754,350	648,931
China.....	1911	5,404	26,413	5,357				
Colombia.....	1910	614	10,676	500				
Cuba.....	1910	2,123	5,065	487	5,324	2,545,828		
Denmark.....	1910	2,141	2,364	1,557	6,357	9,643,414	47,791,102	3,173,081
Ecuador.....	1910	350	2,608	81				
Egypt.....	1911	3,639	7,895	1,645	6,399	6,055,257	21,108,101	3,209,255
France.....	1910	30,686	111,149	13,631	78,221	371,898,627	479,002,355	18,762,163
Algeria.....	1910	2,049	9,359	650	8,137	7,988,374	73,149,778	507,892
Tunis.....	1910	952	2,877	404	5,090	2,456,670	4,903,553	2,983,777
Indo-China.....	1910	1,103	8,753	310	20,282	6,691,169	4,190,329	1,872,161
Colonies.....	1910	1,801	16,556	519	66,185	5,777,588	5,688,775	2,546,526
German empire.....	1910	37,991	139,680	50,575	93,073		2,624,323,444	47,326,020
Colonies.....	1910	1,841	4,973	183			19,002,307	
Greece.....	1910	982	5,039	1,072			3,230,285	414,155
Haiti.....	1910	64	124	80		102,944		
India, British.....	1911	32,399	72,746	19,411	158,806	115,619,120	121,676,815	3,007,900
Italy.....	1911	10,689	34,655	10,287	51,516	62,556,431	526,879,944	6,147,508
Japan.....	1910	5,130	23,307	6,943	67,549	77,088,053	90,011,441	313,005
Formosa.....	1910	271	506	133				
Korea.....	1911	674	3,397	439	21,273	5,285,466	7,871,520	16,555
Luxemburg.....	1910	318	436	123	812	1,148,492	5,474,871	7,548,876
Mexico.....	1911	15,358	22,452	2,843	55,258	24,426,137	25,414,233	1,982,408
Netherlands.....	1910	1,985	4,676	1,483	9,911	20,946,134	32,760,633	3,658,831
East Indies.....	1909	1,552	9,007	1,682	11,254,550	16,634,632	4,245,899	812,924
West Indies, etc.....	1909	104		17			6,827,803	258,900
Norway.....	1910	1,921	6,475	3,807	46,533	11,874,447	10,650,832	1,966,881
Paraguay.....	1911	232	2,000	385				
Persia.....	1909	34	612	24				
Peru.....	1910	1,628	7,072	669			7,995,322	
Portugal.....	1910	1,808	5,795	3,861	19,675	12,221,657	10,753,395	471,139
Colonies.....	1909	936	5,059	735	26,854	2,745,792	317,396	570,440
Roumania.....	1910	2,239	4,754	2,970	64,402	16,724,615	11,915,387	3,891,049
Russia.....	1910	46,522	121,327	14,963	206,629	92,053,486	959,530,049	10,166,307
Finland.....	1910	2,275		2,045				
Santo Domingo.....	1910	150	1,029	81				
Serbia.....	1911	232	2,300	1,501	2,084	1,006,642	7,227,086	634,350
Siam.....	1911	677	4,527	179				
Spain.....	1910	9,317	22,999	5,272	22,909			
Sweden.....	1910	8,599	6,383	4,053	39,974	28,288,436	53,251,751	3,226,687
Switzerland.....	1910	2,921	2,282	4,193	7,480	18,379,165	124,833,896	14,306,677
Turkey.....	1910	967	28,251	900	30,175	7,026,300	13,792,380	85,461
Crete.....	1909		229	28			546,837	98,659
Union of South Africa.....	1910	7,586	19,520	2,865		14,101,700		6,403,131
United Kingdom.....	1910	23,387	58,380	24,062			419,724,376	11,874,347
British colonies.....	1910	5,554	23,177	2,312				
United States.....	1910	241,004	219,219	59,239	435,489	569,077,851	573,111,005	108,694,659
Philippines.....	1911	606	4,303	556			4,890,835	
Porto Rico.....	1911	340	500					
Uruguay.....	1910	1,472	4,849*	1,018				
Venezuela.....	1910	542	4,903*	282				
Total.....		637,282	1,306,726	306,724	13,251,436	1,771,017,036	6,787,829,550	421,998,621

*Miles of wire. Other figures are for miles of line.

RAILROAD OFFICIALS KILLED IN WRECK.

James T. Harahan, former president of the Illinois Central Railroad company, F. O. Melcher, second vice-president, and E. B. Peirce, general solicitor of the Rock Island Railroad company, and Eldridge E. Wright, son of former Secretary of War Luke E. Wright, were killed in a wreck on the Illinois Central line at Kilmundy, Ill., at 1 a. m., Jan. 22, 1912. A number of other passengers and several trainmen were injured. Mr. Harahan and

the others killed were asleep in a private car attached to the rear of an express train, which had stopped at Kilmundy to take water. While it was standing still the Panama Limited, running at fifty miles an hour, crashed into the private car, demolishing it and instantly killing the men named. Both trains were behind time. The Limited was not scheduled to stop at Kilmundy.

NATIONAL NOMINATING CONVENTIONS IN 1912.

In chronological order.

SOCIALIST LABOR.

New York city, April 7-10.

OFFICERS.

Temporary chairman—Patrick E. De Leon, Troy, N. Y.

Temporary secretary—Charles H. Chase, New York, N. Y.

Permanent secretary—Albert Schnabel, Milwaukee, Wis.

Chairmen—First day, Daniel De Leon, New York; second day, August Gillhaus, New York; third day, Mr. Poelling, Missouri; fourth day, Frank Zerman, Illinois.

Delegates, 42; states represented, 20.

NOMINEES.

For president—Arthur Reimer, Massachusetts.

For vice-president—August Gillhaus, New York.

SOCIALIST.

Indianapolis, Ind., May 12-13.

OFFICERS.

Chairmen—Morris Hillquit of New York, J. Mahlon Barnes of Pennsylvania and others.

Secretaries—John M. Reilly, New Jersey; Bessie Goldenstein, Massachusetts; John E. Russel, New York.

Delegates—275.

NOMINEES.

For president—Eugene V. Debs of Terre Haute, Ind. No nominating speeches were made, the names of candidates being presented as each delegation was called. Arkansas nominated Mr. Debs, California Emil Seidel and Colorado Charles Edward Russell. Job Harriman was named by North Carolina and Duncan McDonald by Oklahoma, but both withdrew from the race. Mr. Debs was nominated on the first roll call, receiving 165 votes to 56 for Mr. Seidel and 54 for Mr. Russell.

For vice-president—Emil Seidel of Milwaukee, Wis. Dan Hogan and John W. Slayton were also nominated, but Mr. Seidel won on the first ballot by a vote of 159 to 73 for Mr. Hogan and 24 for Mr. Slayton.

REPUBLICAN.

Chicago, June 18-22.

OFFICERS.*

Chairman—Elihu Root, New York.

Secretary—Lafayette B. Gleason, New York.

Assistant secretary—H. G. Lindsey, Nebraska.

Official reporter—M. W. Blumenthal, Washington, D. C.

Sergeant-at-arms—William F. Stone, Maryland.

Assistant sergeant-at-arms—E. P. Thayer, Indiana.

Chief doorkeeper—J. J. Hanson, Maryland.

Number of delegates—1,078.

Necessary to a choice—540.

*Temporary officers made permanent.

NOMINEES.

For president—William Howard Taft of Ohio. Nominating speech made by Warren G. Harding of Ohio, seconded by John Wanamaker of Pennsylvania and Nicholas Murray Butler of New York.

For vice-president—James Schoolcraft Sherman of New York. Nominating speech made by J. Van Vechten Alcott of New York, seconded by Harry Daugherty of Ohio.

William Howard Taft was made the republican nominee for president of the United States on the first ballot at 9:25 o'clock on the evening of June 22. The only other candidate formally named for the position was Robert M. LaFollette of Wisconsin. He was placed in nomination by Michael B. Oldrich of the same state and the nomination was seconded by Robert M. Pollock of North Dakota. For reasons, which will appear hereafter, the name of Col. Theodore Roosevelt was not presented.

BALLOT FOR PRESIDENT BY STATES. Not

State.	Dele-	Roose-LaFol-Cum-	Taft.	velt.	lette.	mins.	ing.
Alabama	24	22	...	...	...	...	2
Arizona	6	6	...	...	...	...	1
Arkansas	18	17	...	...	...	...	1

State.	Dele-	Taft.	Roose-LaFol-Cum-	velt.	lette.	mins.	ing.
California	26	2	...	...	...	...	24
Colorado	12	12	...	...	...	...	...
Connecticut	14	14	...	...	...	...	...
Delaware	6	6	...	...	...	...	...
Florida	12	12	...	...	...	...	...
Georgia	28	28	...	...	...	...	...
Idaho	8	1	...	...	...	...	7
Illinois*	58	2	53	...	...	...	2
Indiana	30	20	8	...	...	...	7
Iowa	26	16	...	...	...	...	10
Kansas	20	2	...	...	...	...	...
Kentucky	26	24	2	...	...	...	...
Louisiana	20	20	...	...	...	...	...
Maine	12	...	...	...	...	...	12
Maryland*	16	1	9	...	...	...	5
Massachusetts	36	20	...	...	...	...	16
Michigan	30	20	9	...	...	...	1
Minnesota	24	...	...	...	...	...	24
Mississippi	20	17	...	...	...	...	3
Missouri	36	16	...	...	...	...	20
Montana	16	8	...	...	...	...	...
Nebraska	18	8	2	...	...	...	14
Nevada	6	8	...	...	...	...	...
New Hampshire	8	8	...	...	...	...	...
New Jersey	28	...	2	...	...	...	26
New Mexico	8	7	1	...	...	...	...
New York	90	76	8	...	...	...	6
North Carolina	24	1	1	...	...	...	22
North Dakota	10	...	...	10	...	...	...
Ohio	48	14	...	...	...	...	34
Oklahoma	20	4	1	...	...	...	15
Oregon	10	...	8	...	...	...	2
Pennsylvania*†	76	9	2	...	...	...	62
Rhode Island	10	10	...	...	...	...	...
South Carolina	18	16	...	...	...	...	...
South Dakota	10	...	5	5	...	...	1
Tennessee	24	23	1	...	...	...	...
Texas*	40	31	...	...	...	...	8
Utah	8	8	...	...	...	...	...
Vermont	8	6	...	...	...	...	2
Virginia*	24	22	...	...	...	...	1
Washington	14	14	...	...	...	...	...
West Virginia	16	...	...	...	...	...	16
Wisconsin	26	...	...	26	...	...	...
Wyoming	6	6	...	...	...	...	...
Alaska	2	2	...	...	...	...	...
Dist. of Columbia	2	2	...	...	...	...	...
Hawaii	6	6	...	...	...	...	...
Philippines	2	2	...	...	...	...	...
Porto Rico	2	2	...	...	...	...	...

Total1,078 561 107 41 17 344

*One absent. †Two for Charles E. Hughes.

VOTE FOR VICE-PRESIDENT.

James S. Sherman, New York, 597.

Herbert S. Hadley, Missouri, 14.

William E. Borah, Idaho, 21.

Charles E. Merriam, Illinois, 20.

Albert J. Beveridge, Indiana, 2.

Howard T. Gillette, Illinois, 1.

Of the 1,078 delegates 352 declined to vote and 71 were absent. Gov. Hadley received 8 votes from Idaho, 2 from Indiana, 3 from Massachusetts and 1 from Michigan. Senator Borah received 10 votes from Iowa, 3 from Michigan and 8 from Oregon. Prof. Merriam received 20 votes from Wisconsin. Mr. Beveridge 2 from Nebraska and Mr. Gillette 1 from Illinois.

FEATURES OF CONVENTION.

The republican national nominating convention of 1912 was held in the Coliseum, Chicago, beginning at noon, Tuesday, June 18, and ending at 10:30 on the evening of Saturday, June 22. Details of the preceding contest for delegates will be found elsewhere in this volume under the title "The Presidential Campaign of 1912." It is sufficient to say here that the struggle was chiefly between William H. Taft, candidate for renomination, and Theodore Roosevelt, candidate for a third term as president of the United States. The former was supported by the "conservative" and the latter by the "progressive" element of the republican party. Contesting

delegations were chosen in many of the states and, in order to pass upon them before the opening of the convention, the national committee met in Chicago June 6. Victor Rosewater of Nebraska acted as chairman and William Hayward of the same state as secretary. It was decided to have the hearings open to the extent of admitting ten representatives of press associations. Contests were reported from Alabama, Arizona, Arkansas, California, Florida, Georgia, Indiana, Kentucky, Louisiana, Michigan, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, Washington and the District of Columbia. The total number of seats involved was 252, but a number of the contests were between rival sets of delegates favoring the same candidate. The seats contested by Taft and Roosevelt delegates numbered 246 and of these 233 were awarded to Mr. Taft and 13 to Col. Roosevelt, as follows:

For Taft—		For Taft—	
Alabama	16	Tennessee	8
Arizona	6	Texas	26
Arkansas	16	Virginia	20
California	2	Washington	14
Florida	12	District of Columbia..	2
Georgia	28		
Indiana	12	Total	233
Kentucky	17		
Louisiana	20	For Roosevelt—	
Michigan	6	Kentucky	1
Mississippi	18	Missouri	8
Missouri	6	Texas	4
Oklahoma	2		
South Carolina	2	Total	13

Before the contests were taken up it was decided that twenty votes would be necessary to demand a roll call. As the members of the committee favoring the Roosevelt candidacy did not exceed that number the roll calls were comparatively few, most of the cases being decided by voice vote. The committeemen who generally voted to seat Roosevelt contestants included George A. Knight (Cal.), T. C. Dupont (Del.), W. E. Borah (Idaho), A. B. Burnam (Ky.), Pearl Wight (La.), Frank B. Kellogg (Minn.), John G. Capers (S. C.), Thomas Thorson (S. D.), C. E. Loose (Utah), A. T. Rogers (Wis.) and Sidney Bieber (D. C.). From the start of the hearings the Taft committeemen were charged with using "steam roller" tactics in keeping Roosevelt delegates off the temporary roll of the convention. The charge was denied and the claim made that each case was decided on its merits and in accordance with republican precedent and usage.

Col. Roosevelt, whose interests in Chicago had been looked after by United States Senator Joseph M. Dixon of Montana and others, sent State Senator William Flinn of Pittsburgh, Pa., to assist them at the sessions of the national committee and finally came in person, June 15, to lead what he publicly said was a "naked fight against theft and thieves." In a signed statement, published June 17, he further declared that "the theft of Texas and Washington, with which the national committeemen closed a thoroughly disreputable career, marked in some respects the climax of what had been done. The theft of these two states was no worse in kind than the theft of the delegates from Arizona, California and certain other states. But more delegates were stolen in Texas and in Washington than in any of the other states." At a mass meeting of his friends in the Auditorium on the night before the opening of the convention Col. Roosevelt severely criticised the national committee and said, among other things, that "it is our duty to the people of the country to insist that no action of the convention which is based on the votes of these fraudulently seated delegates binds the republican party or imposes any obligation upon any republican."

ELIHU ROOT FOR CHAIRMAN.

Immediately after the convention was called to order by Victor Rosewater at noon, June 18, Gov. Herbert S. Hadley of Missouri made a motion to substitute for the temporary roll of the convention prepared by the national committee a roll prepared by the Roosevelt forces containing the names of ninety-two Roosevelt delegates in certain contested cases. James E. Watson of Indiana raised the point

of order that nothing was in order until the convention had been organized. The question was debated and the chairman ruled that Gov. Hadley's motion was out of order. Then Mr. Rosewater offered Elihu Root of New York as the national committee's nomination for temporary chairman. The nomination was seconded by Job E. Hedges of New York, Senator William O'Connell Bradley of Kentucky and others representing the Taft adherents. The Roosevelt candidate was Gov. Francis E. McGovern of Wisconsin, who was nominated by Henry F. Cochems of the same state, the nomination being seconded by Gov. Hadley, Gov. Hiram Johnson of California, William Flinn of Pennsylvania, Francis J. Heney of California and other speakers. Something of a stir was caused when Walter L. Houser of Wisconsin, Senator LaFollette's campaign manager declared that in obedience to the wishes of the senator the Wisconsin delegation had decided to support no candidate for temporary chairman. This caused Mr. Cochems to withdraw from the delegation. The roll was called by individual delegates instead of by states and resulted in the election of Elihu Root by a vote of 558 to 502, as follows:

McGov-		McGov-	
State.	Root. ern.	State.	Root. ern.
Alabama	22	Ohio	14
Arizona	6	Oklahoma	4
Arkansas	17	Oregon	3
California	2	Pennsylvania	64
Colorado	12	Rhode Island	10
Connecticut	14	South Carolina	11
Delaware	6	South Dakota	10
Florida	12	Tennessee	23
Georgia	22	Texas	31
Idaho	8	Utah	7
Illinois	9	Vermont	6
Indiana	20	Virginia	22
Iowa	16	Washington	14
Kansas	2	West Virginia	16
Kentucky	23	Wisconsin	13
Louisiana	20	Wyoming	6
Maine	12	Alaska	2
Maryland	8	D. C.	2
Massachusetts	18	Hawaii	6
Michigan	19	Philippines	2
Minnesota	24	Porto Rico	2
Mississippi	15		
Missouri	16	Total	558 502
Montana	8	*One absent. †One not voting.	
Nebraska	16	‡One for Walter L. Houser. ¶Two for L. Houser. Nine for Lauder. One for Gronna.	
Nevada	6	2 One not voting.	
New Hampshire	8	Absent, 1; not voting.	
New Jersey	28	4; for Houser, 3; for Lauder, 9; for Gronna, 1.	
New Mexico	6		
New York	76		
North Carolina	3		
North Dakota	21		

When the result of the ballot had been announced Senator Root made his "keynote" speech, at the conclusion of which the convention adjourned until 11 a. m. on the following day.

The Roosevelt delegates, who were refused admission to the temporary roll, were distributed as follows:

Alabama	2	Oklahoma	2
Arizona	6	Tennessee	4
Arkansas	2	Texas	26
California	2	Washington	14
Indiana	2	Virginia	18
Kentucky	6	District of Columbia..	2
Michigan	6		

On the reassembling of the delegates at 11 a. m. Wednesday, the chairman announced that the unfinished business was the motion of Mr. Watson to proceed to the appointment of the regular committees and the substitute motion of Gov. Hadley to seat the Roosevelt delegates in place of an equal number of Taft men on the temporary roll. By agreement three hours were devoted to debate. The principal pleas of the Roosevelt side were made by Gov. Hadley of Missouri, George L. Record of New Jersey and Henry J. Allen of Kansas. The leading speakers of the other side were Mr. Watson of Indiana, W. F. Dorell of Washington, James A. Hemenway of Indiana, Robert E. Morris of Arizona and Thomas J. Devine of Colorado. After considerable confusion and a forty minute Roosevelt dem-

onstrations, started by Mrs. W. A. Davis of Chicago, Mr. Watson moved to refer to the credentials committee the motion to seat the ninety-two Roosevelt delegates. Gov. Charles S. Deneen moved an amendment providing that no contested delegates should vote on the membership of the credentials committee or on its report. Mr. Watson then moved to table the Deneen motion and on this the roll was called by states and the Deneen amendment was tabled by a vote 564 to 510. The motion to appoint the standing committees was then adopted without a contest and the names suggested by the state caucuses were sent in, after which the convention adjourned until noon of the following day, Thursday.

CREDENTIALS COMMITTEE.

The committee on credentials, to which the contests were now referred and which therefore became the center of interest, was composed of the following delegates:

Alabama.....	Alex C. Birch	N. Carolina.....	C. H. Cowles
Arizona.....	J. C. Adams	N. Dakota.....	W. S. Lauder
Arkansas.....	R. S. Granger	Ohio.....	John J. Sullivan
California.....	F. J. Heney	Oklahoma.....	Daniel Norton
Colorado.....	T. H. Devine	Oregon.....	A. V. Swift
Connecticut.....	J. H. Roraback	Pennsylvania.....	Lex N. Mitchell
Delaware.....	Ed Mitchell	Rhode Island.....	George R. Lawton
Florida.....	M. B. MacFarlane	South Carolina.....	R. R. Tolbert, Jr.
Georgia.....	H. Blum, Jr.	South Dakota.....	S. X. Way
Illinois.....	R. R. McCormick	Tennessee.....	J. H. Early
Indiana.....	J. A. Hemenway	Texas.....	C. A. Warnken
Iowa.....	J. A. Devitt	Utah.....	Gov. William Spry
Idaho.....	Clency St. Clair	Vermont.....	J. Gray
Kansas.....	Ralph Harris	Virginia.....	L. P. Summers
Kentucky.....	M. L. Galvin	Washington.....	W. T. Dovel
Louisiana.....	W. L. Cohen	West Virginia.....	H. Shaw
Maine.....	Jesse M. Libby	Wisconsin.....	M. B. MacFarlane
Massachusetts.....	.....	Wyoming.....	F. W. Mondell
Maryland.....	.....	Hawaii.....	Charles A. Rice
Michigan.....	E. C. Carrington, Jr.	Alaska.....	L. P. Shackleford
Minnesota.....	T. N. Atwood	District of Columbia.....	Aaron Bradshaw
Mississippi.....	H. T. Halbert	Porto Rico.....	S. Behn
Missouri.....	J. M. Moseley	Philippine Islands.....	Thomas L. Hartigan
Montana.....	C. M. Lanstrom		
Nebraska.....	H. E. Sackett		
Nevada.....	E. E. Roberts		
New Hampshire.....	.....		
New Jersey.....	Fred W. Estabrook		
New Mexico.....	J. B. Avis		
New York.....	H. Seaberg		
	G. R. Maltby		

RULES.

The committee organized by the election of Thomas J. Devine, national committeeman from Colorado and an anti-Roosevelt man, as chairman. He defeated W. S. Lauder of North Dakota by a vote of 30 to 18. The states voting for Lauder were California, Idaho, Illinois, Kansas, Maine, Maryland, Minnesota, Missouri, Nebraska, New Jersey, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, West Virginia and Wisconsin. James A. Hemenway of Indiana made a motion to adopt a set of rules, one of which provided that ten minutes should be given each side for the presentation of cases affecting the delegations at large and five minutes for district contests. Before any further action was taken the Roosevelt members of the committee, led by Mr. Heney of California, left the room and went to the Roosevelt headquarters in the Congress hotel. This was done, it was said, at the request of Col. Roosevelt himself. Those who went out included Messrs. Heney, Galvin, Mitchell, Libby, Carrington, Halbert, Sackett, Cowles, Sullivan, Swift, Norton and Ray. Four Roosevelt adherents remained and voted against the adoption of the rules. These were C. St. Clair of Idaho, Robert R. McCormick of Illinois, W. S. Lauder of North Dakota and John N. Early of Tennessee. The rules, as amended after the retirement of the Roosevelt men and adopted by a vote of 36 to 4, were as follows:

1. The roll of the states shall first be called to ascertain what contests are to be submitted, and they shall be heard in the alphabetical order of states and territories and the District of Columbia.
2. Cases consolidated by the national committee shall be consolidated for hearing by the committee on credentials.

3. Contestants not seated by the national committee shall open their case.

4. Thirty minutes to each side will be allowed in contests over delegates at large and twenty minutes in district contests. The contestant may reserve five minutes of this time to close the argument. Parties to contests shall be given all time that may be reasonably necessary to present before the committee all their evidence.

5. Immediately after each case is heard the committee will, after discussion, pass upon it.

6. No member of this committee shall be permitted to vote in any case wherein such member holds his seat in the facts involved in the contests, and such member shall retire from the room while the committee is discussing and acting upon his case.

7. No one shall be admitted to the hearings before the committee except the officers and employees of the committee and the parties to the case being heard and their attorneys, except the five press associations admitted by the national committee.

PROPOSED BOLT.

Talk of a bolt by the Roosevelt delegates was common at this stage of the proceedings and a large number of them met in the Florentine room of the Congress hotel at 12:30 o'clock on the morning of Thursday, after the walkout from the credentials committee. In the course of a speech made to them Col. Roosevelt said:

"So far as I am concerned I am through. If you are voted down I hope you—the real and lawful majority of the convention—will organize as such and you will do it if you have the courage and loyalty of your convictions."

At a later meeting held in the same place the following resolution, prepared by Henry J. Allen of Kansas, was adopted unanimously:

"The Roosevelt delegates will not permit the title to the nomination of the presidency of the United States to be stolen. If the action of the convention on the report of the committee on credentials removes from the roll the fraudulently seated delegates, the Roosevelt forces will continue in the convention. If it does not, they will remain in their seats and will cease to vote with any delegates fraudulently seated and will not consider themselves bound by any of its acts."

There was, however, considerable opposition on the part of some of the delegates to a bolt or walkout and also to the plan to refrain from voting. Illinois' delegation at a caucus held Thursday afternoon went on record by a vote of 50 to 2 as declining to bolt.

The credentials committee was in session practically day and night from Wednesday evening until Saturday afternoon, when its report as a whole was accepted by the convention. The findings of the committee were the same as those of the national committee, the votes usually standing 34 to 14 for the Taft delegates. Most of the Roosevelt members of the committee returned and took part in the discussions. They laid the greatest stress on the Arizona, California, Texas and Washington cases.

CONTESTS BEFORE CONVENTION.

Thursday but two brief sessions of the convention were held, one at noon and the other at 4 p. m. No business was transacted, as the credentials committee was not ready to report. Friday at noon partial reports were made by the credentials committee to the convention and these were taken up one by one and voted on by the delegates. Most of the balloting was *intra voce*, but a number of roll calls were had. The closest vote was on the contest from the 4th California district, in which the committee was sustained by 542 yeas to 529 nays. Saturday the rest of the contested cases were disposed of in a similar way, after which the committee on permanent organization made its report. It recommended that the temporary organization be made permanent. The report was adopted without opposition.

STATEMENT BY ROOSEVELT.

Then by unanimous consent Henry J. Allen of Kansas made a speech, in which he read the following statement from Col. Roosevelt:

"A clear majority of the delegates honestly elected to this convention were chosen by the people

to nominate me. Under the direction and with the encouragement of Mr. Taft, the majority of the national committee, by the so called "steam roller" methods, and with scandalous disregard of every principle of elementary honesty and decency, stole eighty or ninety delegates, putting on the temporary roll call a sufficient number of fraudulent delegates to defeat the legally expressed will of the people, and to substitute a dishonest for an honest majority.

"The convention has now declined to purge the roll of the fraudulent delegates placed thereon by the defunct national committee, and the majority which thus indorsed fraud was made a majority only because it included the fraudulent delegates themselves, who all sat as judges on one another's cases. If these fraudulent votes had not thus been cast and counted the convention would have been purged of their presence. This action makes the convention in no proper sense any longer a republican convention representing the real republican party. Therefore I hope the men elected as Roosevelt delegates will now decline to vote on any matter before the convention. I do not release any delegate from his honorable obligation to vote for me if he votes at all, but under the actual conditions I hope he will not vote at all.

"The convention as now composed has no claim to represent the voters of the republican party. It represents nothing but successful fraud in overriding the will of the rank and file of the party. Any man nominated by the convention as now constituted would be merely the beneficiary of this successful fraud; it would be deeply discreditable to any man to accept the convention's nomination under these circumstances; and any man thus accepting it would have no claim to the support of any republican on party grounds, and would have forfeited the right to ask the support of any honest man of any party on moral grounds.

"THEODORE ROOSEVELT,"

After Mr. Allen had concluded his speech the report of the committee on rules was tabled, leaving the convention to operate under the old rules. The report of the committee on platform was also adopted after a platform presented by the LaFollette adherents had been tabled. The roll was called on the adoption of the platform, with the result that 666 delegates voted for the platform and 53 against it. Nineteen were reported as absent, while 343 Roosevelt delegates refrained from voting.

NOMINATIONS MADE.

Nominations for president and vice-president were then made. The call of states and the voting began at 8:23 p. m. and ended at 9:25 p. m., with the announcement that William H. Taft was the nominee of the republican party for president. The naming of James S. Sherman for vice-president followed immediately, being accomplished without organized opposition. A resolution offered by Mr. Hemenway authorizing the removal of members of the national committee refusing to support Taft and Sherman in the campaign and the substitution of others in their places was adopted and then the convention at 10:30 p. m. adjourned sine die.

THIRD PARTY MOVEMENT.

Just before the convention adjourned a meeting of Roosevelt adherents, including regular and contested delegates from twenty-two states and men of prominence in the progressive movement, met in Orchestra hall and took preliminary steps to form a third party, with Theodore Roosevelt at its head. Gov. H. W. Johnson of California presided. In reply to a set of resolutions nominating him for the presidency Col. Roosevelt appeared and made a speech of acceptance. The meeting, which was the closing feature of convention week in Chicago, ended early Sunday morning. Further details of the action taken on this occasion and of the progress of the third party movement will be found elsewhere in this volume.

DEMOCRATIC.

Baltimore, Md., June 25-July 3.

OFFICERS.

Temporary chairman—Alton B. Parker, New York.
Permanent chairman—Ollie James, Kentucky.

Secretary—E. E. Britton, North Carolina.
Assistant secretary—Urey Woodson, Kentucky.
Sergeant-at-arms—John I. Martin, Missouri.
Number of delegates—1,088.
Necessary to a choice—726.

NOMINEES.

For president—Woodrow Wilson of New Jersey. Nominating speech made by John W. Westcott of New Jersey; seconded by P. H. O'Brien of Michigan and Alfred Jacques of Minnesota.

For vice-president—Thomas Riley Marshall of Indiana. Nominating speech made by G. F. Menzies of Indiana.

STORY OF CONVENTION.

Before the democratic national nominating convention opened in the 5th regiment armory in Baltimore, Md., June 25, the national committee, against the protest of William J. Bryan of Nebraska, voted to present Alton B. Parker of New York as candidate for temporary chairman. It also took up the contest against the six delegates at large from Illinois and those from the first ten congressional districts, comprising the city of Chicago. The contests were brought by the so called Hearst-Harrison faction against the Roger C. Sullivan faction. The Sullivan delegates were placed on the temporary roll by the unanimous vote of the committee.

Shortly after the convention had been called to order at noon on the opening day by the chairman of the national committee, Norman E. Mack, Alton B. Parker was named as the committee's choice for temporary chairman. Mr. Bryan suggested that Senator John W. Kern of Indiana be substituted, but the latter declined to allow his name to go before the convention and instead nominated William J. Bryan for the place. On the roll being called Judge Parker was elected by a vote of 579 to 510 for Mr. Bryan. Mr. Parker's "keynote" speech was devoted in the main to criticisms of the republican party and especially to the scores enacted in the Chicago convention the week before.

UNIT RULE MODIFIED.

Undaunted by his defeat on the temporary chairmanship, Mr. Bryan went into the convention of the following day and won several notable victories. One was the adoption of a minority report modifying the unit rule. The substance of the report was that "the chair shall recognize and enforce a unit rule adopted by a state convention except in such states which by statute have provided for the nomination and election of delegates in congressional districts and have not subjected the delegates so selected to the authority of the state committee or convention of the party, in which case no such rule shall be held to apply."

The vote in favor of abrogating the unit rule to the extent indicated was 553½ for to 491½ against and was regarded as a distinct victory for the "progressives" in the convention. Mr. Bryan's plan to delay the consideration of the platform until after the nominations were made was also adopted and at his suggestion Senator Kern was made chairman of the platform committee. It was further decided that Senator-elect Ollie James of Kentucky, who was favored by Mr. Bryan and his friends, should be permanent chairman of the convention.

The committee on credentials, to which had been referred the Illinois contests, decided by a vote of 40 to 10 in favor of seating the Sullivan delegates. The Hearst-Harrison faction threatened to carry the fight to the floor of the convention, but finally gave up the plan in the interest of harmony. Nothing further was done in the matter.

CAPITALISTS ATTACKED.

Mr. Bryan was again the central figure of the convention at the sessions held on the 27th. The morning was devoted to routine business, but in the evening the Nebraskan caused a decided sensation by offering the following resolution:

"Resolved, That in this crisis in our party's career and in our country's history this convention sends greeting to the people of the United States and assures them that the party of Jefferson and of Jackson is still the champion of popular government and equity before the law. As proof of our fidelity to the people we hereby declare our-

selves opposed to the nomination of any candidate for president who is the representative of or under any obligations to J. Pierpont Morgan, Thomas F. Ryan, August Belmont or any other member of the privilege hunting and favor seeking class. Be it further

"Resolved, That we demand the withdrawal from this convention of any delegate or delegates constituting or representing the above named interests." [Last paragraph withdrawn.]

Objection was made to immediate consideration of the resolution, whereupon Mr. Bryan moved to suspend the rule and consider the resolution at once. After some discussion and at the request of the delegates from Virginia he withdrew the last part of the resolution asking the withdrawal of delegates. In the course of his speech, which was frequently interrupted by angry protests, Mr. Bryan said:

"This is an extraordinary resolution, but extraordinary conditions need extraordinary remedies. We are now engaged in conducting a convention that will place before the country the democratic nominee, and I assume that each delegate is here because he wants that nominee elected, and it is in order that we may advance the interests of our candidate that I introduce this resolution.

"There are questions upon which we may assume the American people are informed. And there is not a delegate in this convention who does not know that an effort is being made right now to sell the democratic party into the bondage of the predatory interests.

"It is a most brazen, impudent and insolent attempt to make the nominee of this convention the bond slave of the men who exploit the people of this country."

It required a two-thirds vote to suspend the rules and pass the resolution and when it became apparent that this would easily be obtained several of the states changed their vote to yea. The result of the roll call was: Yeas, 889; nays, 196; not voting, 2; absent, 1.

BALLOTS FOR PRESIDENT.

Following the adoption of the Bryan resolution, which had thrown the convention into an uproar, nominations for the presidency were in order. Oscar W. Underwood of Alabama was placed in nomination by John H. Bankhead of the same state; Champ Clark's name was presented by Senator James A. Reed of Missouri; Henry Wade Rogers of New Haven nominated Gov. Simon E. Baldwin of Connecticut; John W. Westcott of Camden, N. J., placed Woodrow Wilson in nomination; Senator Benjamin F. Shively of Indiana nominated Gov. Thomas R. Marshall of the same state, and M. A. Daugherty of Ohio nominated Gov. Judson Harmon of the same state. Long demonstrations followed the naming of each candidate, those for Clark and Wilson lasting more than an hour each. This, together with the numerous seconding speeches, prolonged the session, which began at 8 o'clock Thursday evening to 6:43 o'clock Friday morning, when the first ballot for the presidential nomination was begun. It resulted as follows:

State.	Delegates.	Clark.	son.	Wil-	Har-	Under-
						wood.
Alabama	24	...	...	...	...	24
Arizona	6	6	...	...	...	...
Arkansas	18	18	...	...	...	...
California	26	26	...	...	...	...
Colorado	12	12	...	...	...	...
Connecticut	14	...	...	...	...	...
Delaware	6	...	6	...	...	...
Florida	12	...	...	...	...	12
Georgia	28	...	...	...	...	28
Idaho	8	8	...	...	...	...
Illinois	58	58	...	...	...	...
Indiana	30	...	...	...	...	...
Iowa	26	26	...	...	...	...
Kansas	20	20	...	...	...	...
Kentucky	26	26	...	...	...	...
Louisiana	20	7	9	...	...	...
Maine	12	1	9	...	...	2
Maryland	16	16	...	...	...	...
Massachusetts	36	36	...	...	...	...
Michigan	30	12	10	7	...	...
Minnesota	24	...	20	...	...	...
Mississippi	20	...	...	...	...	20

State.	Delegates.	Clark.	son.	Wil-	Har-	Under-
						wood.
Missouri	36	36	...	...	...	...
Montana	8	8	...	...	...	...
Nebraska	16	12	...	...	4	...
Nevada	6	6	...	...	...	...
New Hampshire	8	8	...	...	...	...
New Jersey	28	2	24	...	...	2
New Mexico	8	8	...	...	...	...
New York	90	...	...	90	...	...
North Carolina	24	...	16½	1½	7	...
North Dakota	10	...	...	10	...	...
Ohio	48	1	10	35	...	...
Oklahoma	20	10	10	...	...	...
Oregon	10	...	10	...	...	...
Pennsylvania	76	...	71	5	...	...
Rhode Island	10	10	...	...	...	...
South Carolina	18	...	18	...	...	...
South Dakota	10	...	10	...	...	...
Tennessee	24	6	6	6	6	...
Texas	40	...	40	...	...	...
Utah	8	1½	6	½	...	...
Vermont	8	...	...	...	...	...
Virginia	24	...	9½	...	14½	...
Washington	14	14	...	...	...	...
West Virginia	16	16	...	...	...	...
Wisconsin	26	6	19	...	...	...
Wyoming	6	6	...	...	...	...
Alaska	6	4	...	...	...	...
District of Columbia	6	6	...	...	...	...
Hawaii	6	2	3	...	...	1
Porto Rico	6	2	3	...	...	1

Total 1,088 440½ 324 148 117½
Necessary to choice, 726.

Marshall received 30 from Indiana and 1 from Michigan. Baldwin received 14 from Connecticut and 8 from Vermont. Ohio cast 1 for Bryan and 1 was absent. One delegate from Wisconsin was absent. Alaska cast 2 for Congressman Sulzer.

The convention, after taking the first ballot, adjourned at 7:14 a. m. to 4 p. m., when the balloting was resumed. It continued without any decisive result until 3:30 o'clock Saturday morning, when an adjournment was taken until 1 o'clock in the afternoon. On the tenth ballot New York cast its ninety votes for Clark instead of for Harmon and for a time it looked as though a stampede would set in for the Missouri candidate. He received 556 votes, which, as announced, was more than a majority, but far short of the required two-thirds vote. It was the high water mark of the Clark wave after that it receded steadily.

The afternoon session continued until 11 o'clock and after a total of twenty-six ballots had been taken the convention adjourned until Monday morning at 11 o'clock. Wilson made a net gain in the course of the day of fifty-one votes. Clark began with 554 and fell to 463½, a loss of 90½ votes. When the state of Nebraska was reached on the call of the roll for the fourteenth ballot Mr. Bryan changed his vote from Clark to Wilson, explaining that the latter was this state's second choice. He said in part:

"Every candidate has proclaimed himself a progressive—no candidate would have any considerable following in this convention if he admitted himself out of harmony with progressive ideas. By your resolution, adopted night before last, you, by a vote of more than four to one, pledged the country that you would nominate for the presidency no man who represented or was obligated to Morgan, Ryan, Belmont or any other member of the privilege seeking, favor hunting class.

"This pledge, if kept, will have more influence on the result of the election than the platform or the name of the candidate. How can that pledge be made effective? There is but one way, namely, to nominate a candidate who is under no obligation to those whom these influences directly or indirectly control.

"The vote of the state of New York in this convention, as cast under the unit rule, does not represent the intelligence, the virtue, the democracy or the patriotism of the ninety men who are here. It represents the will of one man—Charles F. Murphy—and he represents the influences that nominated a republican candidate and which are trying to dominate here. If we nominate a candidate

under conditions that enable these influences to say to our candidate, 'Remember now thy creator,' we cannot hope to appeal to the confidence of the progressive democrats and republicans of the nation. * * * Speaking for myself and for any of the delegation which may decide to join me, I withhold my vote from Mr. Clark as long as New York's vote is recorded for him."

While Mr. Bryan was making his explanation he was frequently interrupted and the convention was in such an uproar that he had difficulty in making himself heard. Twelve of the Nebraska delegates voted for Wilson and four for Clark. While the effect of the change was not very apparent on this or the other ballots taken on this day, it was understood that Speaker Clark's chances had practically vanished, and he himself afterward said that Mr. Bryan was responsible for his defeat.

Balloting was resumed when the convention opened at noon on Monday and continued until 12:43 o'clock Tuesday morning. The feature of the session was the continuous growth of the Wilson vote. On the thirtieth ballot Wilson for the first time passed Clark, his vote being 460 to 455 for the speaker. On the thirty-ninth and fortieth ballots the New Jersey candidate received 501½ votes, the highest number so far cast for him.

When the thirty-third ballot had been completed and the delegates were awaiting the announcement of the result some of the Missouri delegates appeared with a banner, on which was an inscription quoting Mr. Bryan as having said in 1910: "I have known Champ Clark for eighteen years. He is absolutely incorruptible and his life is above reproach. Never in these years have I known him to be on but one side of the question and that was on the side that represented the people." The Missouri men carried the banner up to the Nebraska delegates and in front of Mr. Bryan himself. A melee followed, in which blows were struck and epithets exchanged. Mr. Bryan went to the Missouri delegation and asked Senator Stone, the chairman, if "the gratuitous insult just offered has the sanction of Mr. Clark's managers." Another riot followed, in which the police had to protect Mr. Bryan from personal violence. Later, when some degree of quiet had been secured, Mr. Bryan arose to a question of personal privilege. Chairman James permitted him to begin his statement, but soon interrupted and, declaring that it was not a matter of personal privilege, denied the Nebraskan the right to continue. The anti-Bryan demonstration was attended by scenes of disorder and violence such as had not previously been witnessed in the convention and was in marked contrast with the favor shown the leader on the previous days.

Forty-two ballots had been taken when the convention adjourned until noon, the last ballot showing 494 votes for Wilson, 430 for Clark and 104 for Underwood, with scattering votes for Harmon, Marshall, Baldwin, Bryan, Sulzer and Kern. On reassembling the delegates took three more ballots without result, though the outcome could be foreseen when on the forty-third ballot Illinois, under the unit rule, cast fifty-eight votes for Wilson. The governor made other gains, swelling his total to 602, while Clark dropped back to 329. The forty-fourth ballot gave Wilson 629 and the forty-fifth made it 633. On the forty-sixth ballot there was a general break in favor of Wilson and he was nominated by a vote of 990 to 84 for Clark and 12 for Harmon. Before the result was announced the vote was made unanimous. The forty-sixth and final ballot was as follows:

WilsonClarkHar'n				WilsonClarkHar'n			
Texas	40	..	..	Vermont	8	..	..
Louisiana	18	2	..	Virginia	24	..	..
Maine	12	..	..	Washington	14	..	..
Maryland	16	..	..	West Virginia	16	..	..
Massachusetts	36	..	..	Wisconsin	26	..	..
Michigan	30	..	..	Wyoming	6	..	..
Minnesota	24	..	..	Alaska	6	..	..
Mississippi	20	..	..	Dist. Columbia	6	..	..
Missouri	36	..	..	Hawaii	6	..	..
Montana	8	..	..	Porto Rico	6	..	..
Nebraska	16	..	..				
Nevada	6	..	..	Total	990	84	12
New Hampshire	8	..	..	*Absent, 2.			
Utah	8	..	..				

BALLOTS SUMMARIZED.

Following is a summary of all the ballots taken:

	Clark	Wilson	Harmon	Underwood	Marshall	Baldwin	Bryan	Kern
1	440½	324	148	117	31	22	1	..
2	454½	331½	141	111½	31	14	2	..
3	441	345	140½	114½	31	14	1	..
4	443	349½	136½	111	31	14	1	2
5	443	351	141½	119½	31	..	..	2
6	445	354	135	121	31	1	1	1
7	449½	352½	129½	123½	31	1	1	1
8	448½	351½	130	123	31	1	1	1
9	452	351½	127	122½	31	1	1	1
10	456	350½	31	117½	31	1	1	1
11	454	354½	29	118½	30	1	1	1
12	459	354	29	123	30	1	1	1
13	454½	356	29	115½	30	1	1	2
14	450	362	29	113	30	2	2	2
15	453	362½	29	110½	30	2	2	2
16	451	362½	29	112½	30	1	2	2
17	445	362½	29	112½	30	1	4½	4½
18	435	361	29	125	30	1	4½	4½
19	432	358	29	130	30	7	1	1
20	431	388½	29	121½	30	1	2	1
21	408	395½	29	118½	30	1	5	1
22	400½	396½	29	115	30	1	45	1
23	479½	399	..	114½	30	1	45	..
24	495	402½	..	115½	30	1	43	..
25	469	405	29	108	30	1	43	..
26	463½	407½	29	112½	30	1	43	..
27	468	406½	28	112	30	1	38	..
28	468½	407½	29	112½	..	1	38	1
29	463½	436	29	112	..	1	38	4
30	455	460	19	121½	..	30	2	2
31	446½	475½	17	116½	..	30	2	2
32	446½	477½	14	119½	..	28	2	2
33	447½	477½	29	103½	..	28	2	2
34	447½	479½	29	101½	..	28	2	2
35	433½	494½	29	101½	..	28	1	1
36	434½	496½	29	98½	..	28	1	1
37	432½	496½	29	100½	..	28	1	1
38	425	498½	29	106	..	28	1	1
39	422	501½	29	106	..	28	1	1
40	423	501½	28	106	..	28	1	1
41	420	499½	27	106	..	1	28	1
42	430	494	27	104	..	1½	28	1
43	429	602	28	98½	..	1	27	1
44	406	629	27	99	..	..	27	..
45	406	633	25	97	..	..	27	..
46	84	990	12	..	..	..	..	..

Necessary to a choice, 726.

Sulzer received two on the first and two on the second ballot.

Gaynor received one on the eighth, ninth, twenty-third, forty-first and forty-second ballots.

Ollie James received one on the eighth and three on the twentieth and twenty-fifth and one on the forty-second.

J. Hamilton Lewis received one vote on the forty-second ballot.

MARSHALL FOR VICE-PRESIDENT.

After Chairman James had officially declared Gov. Wilson the nominee of the democratic party for president the convention, at 3:35 p. m. on Tuesday, July 2, adjourned until 9 p. m., when the convention resumed work by adopting the platform and choosing a candidate for the vice-presidency. An effort was made to nominate Clark for the second place on the ticket, but he declined the honor. The names of Gov. Thomas R. Marshall of Indiana, Martin J. Wade of Iowa, Gov. John Burke of North Dakota, Elmore W. Hurst of Illinois, Mayor James Preston of Baltimore, Senator George E.

WilsonClarkHar'n				WilsonClarkHar'n			
Arizona	6	..	..	Kentucky	26	..	..
Alabama	24	..	..	New Jersey	24	4	..
Arkansas	18	..	..	New Mexico	8	..	..
California	2	25	..	New York	90	..	..
Colorado	10	2	..	North Carolina	24	..	..
Connecticut	14	..	..	North Dakota	10	..	..
Delaware	6	..	..	Ohio*	33	1	12
Florida	7	5	..	Oklahoma	20	..	..
Georgia	28	..	..	Oregon	10	..	..
Idaho	53	..	..	Pennsylvania	76	..	..
Illinois	58	..	..	Rhode Island	10	..	..
Indiana	30	..	..	South Carolina	18	..	..
Iowa	26	..	..	South Dakota	10	..	..
Kansas	20	..	..	Tennessee	24	..	..

Chamberlain of Oregon and William J. Bryan of Nebraska were presented. Some of these gentlemen declined to be considered in connection with the position. Mr. Bryan was one of them, and in making what he called his "valedictory speech" said: "To-night with joy I surrender the standard I have borne in three campaigns to the nominee of this convention, and I challenge any one to say that it has ever been lowered in the face of the enemy." Gov. Marshall was nominated on the second ballot by the following vote:

Delegates Marshall BurkeChamberlain

Alabama	24	20	4	..
Arizona	6	5	..	1
Arkansas	18	18	..	..
California	26	..	26	..
Colorado	12	..	12	..
Connecticut	14	..	14	..
Delaware	6	5	..	1
Florida	12	5	5	2
Georgia	28	28	..	..
Idaho	8	..	8	..
Illinois	58	58	..	..
Indiana	30	30	..	..
Iowa	26	8	18	..
Kansas	20	..	20	..
Kentucky	26	12	3 1/2	..
Louisiana	20	18	2	..
Maine	12	12	..	..
Maryland	16	15 1/2	..	1/2
Massachusetts	36	33	3	..
Michigan	30	30	..	..
Minnesota	24	..	24	..
Mississippi	20	20	..	..
Missouri	36	36	..	..
Montana	8	2	6	..
Nebraska	16	..	15	1
Nevada	6	6	..	..
New Hampshire	8	3	..	..
New Jersey	28	12	12	..
New Mexico	8	..	8	..
New York	90	90	..	..
North Carolina	24	15	9	..
North Dakota	10	..	10	..
Ohio	48	..	48	..
Oklahoma	20	10	10	..
Oregon	10	1	9	..
Pennsylvania	76	27	19	..
Rhode Island	10	10	..	..
South Carolina	18	18	..	..
South Dakota	10	..	10	..
Tennessee	24	24	..	..
Texas	40	..	40	..
Utah	8	2	6	..
Vermont	8	8	..	..
Virginia	24	24	..	..
Washington	14	..	14	..
West Virginia	16	15	..	1
Wisconsin	26	2	18	6
Wyoming	6	6	..	..
Alaska	6	3	3	..
District of Columbia	6	6	..	..
Hawaii	6	..	6	..
Porto Rico	6	5	1	..

Total1,088 645 387 12 1/2

Necessary to choice, 726.

Ten and one-half absent from Kentucky.

Massachusetts cast one vote for Brewer of Mississippi, one for Hurst, while three were absent.

Four absent from New Jersey.

Thirty absent from Pennsylvania.

The nomination of Marshall was made unanimous and then the convention, at 1:53 a. m. July 3, adjourned sine die.

PROHIBITION.

Atlantic City, N. J., July 10-12.

OFFICERS.

Temporary chairman—Clinton N. Howard, New York.

Permanent chairman—Dr. Charles Henry Mead, New York.

Permanent secretary—Mrs. Frances E. Beauchamp, Kentucky.

Number of delegates—Eligible, 1,484; present, 872.

Necessary to a choice—437.

NOMINEES.

For president—Eugene Wilder Chafin of Arizona.
For vice-president—Aaron Sherman Watkins of Ohio.

The national nominating convention of the prohibition party was held in the auditorium on the steel pier at Atlantic City, N. J., July 10-12, and resulted in the nomination of Eugene W. Chafin of Arizona for the presidency and Aaron S. Watkins of Ohio for the vice-presidency on the first ballot. Four candidates for president were placed in nomination against Mr. Chafin. They were F. W. Emerson of California, Finley C. Hendrickson of Maryland, Aaron S. Watkins of Ohio and Andrew Jackson Houston of Texas. Each of these withdrew his name when it appeared on the first ballot that Chafin was supported by a majority of the delegates. The same thing occurred after the first ballot on the vice-presidency, Mr. Emerson of California, Felix T. McWhirter of Indiana and George B. Stockwell of New York, who had been placed in nomination, withdrawing their names.

V. G. Hinshaw of Portland, Ore., was chosen national chairman to succeed Charles H. Jones of Chicago, and Mrs. Frances E. Beauchamp of Lexington, Ky., was made secretary.

PROGRESSIVE.

Chicago, Aug. 5-7.

OFFICERS.

(Temporary and permanent.)

Chairman—Albert J. Beveridge, Indiana.

General secretary—Oscar King Davis, Washington, D. C.

Chief assistant secretary—Wilson Brooks, Illinois.

Sergeant-at-arms—Chauncey Dewey, Illinois.

Number of delegates, 1,100 (about); voting strength, 534.

NOMINEES.

For president—Theodore Roosevelt of New York. Nominating speech made by William Prendergast, New York; seconding speeches made by Jane Addams, Illinois; Col. T. P. Floyd, Florida; Judge Ben Lindsey, Colorado; Gen. Horatio King, New York; John H. McDowell, Tennessee; Henry Allen, Kansas; P. V. Collins, Minnesota; John J. Sullivan, Ohio; Robert S. Fisher, Oklahoma; Alexander T. Hamilton, Georgia, and ex-Gov. L. F. C. Garvin, Rhode Island.

For vice-president—Hiram W. Johnson of California. Nominating speech made by John M. Parker, Louisiana; seconding speeches made by C. S. Wheeler, California; James R. Garfield, Ohio; Frederick Landis, Indiana; Raymond Robins, Illinois; Bainbridge Colby, New York; Gifford Pinchot, Washington, D. C.; William Flinn, Pennsylvania; F. R. Glud, New York, and Gov. Robert S. Vessey, South Dakota.

The national nominating convention of the seceding republican faction, officially designated as the progressive party, was held in the Coliseum, Chicago, Aug. 5, 6 and 7. All the states in the union except South Carolina were represented by delegates to the number of more than 1,100, the voting strength, however, being limited to 534. There were no important contests and, as the nominations were unanimous, there were no roll calls. The naming of Theodore Roosevelt for president was a foregone conclusion and caused no surprise.

There was some talk of making either Judge Ben Lindsey of Colorado or John M. Parker of Louisiana the candidate for the vice-presidency, but the sentiment of the delegates crystallized in favor of Gov. Hiram W. Johnson of California and he was nominated without opposition. The features of the convention were the "keynote" speeches of Theodore Roosevelt and Chairman Beveridge, the barring of certain negro delegates from the south and the appearance of a woman—Miss Jane Addams of Chicago—in the role of seconding the nomination of Mr. Roosevelt.

The committee on rules made a report, which was adopted by the convention, that the name of the new organization should be the "progressive party." It was also decided on the recommendation of the same committee that the basis of representation at the next national convention shall be one delegate for each congressional district, and in districts where the party vote is greater than 5,000 one additional delegate for each additional 5,000 votes or

major fraction thereof. Each state is to have in addition two delegates at large. The District of Columbia, Alaska and Hawaii are to have one delegate each. The platform adopted will be found in full elsewhere in this volume.

For the circumstances leading up to the formation of the progressive party see "The Presidential Campaign of 1912" and the proceedings of the republican national convention detailed in this issue of The Daily News Almanac and Year-Book.

POPULIST.

St. Louis, Mo., Aug. 13.

OFFICERS.

Chairman—S. W. Williams, Indiana.
Secretary—Joseph A. Parker, Missouri.
Delegates—Eight.

Eight delegates, representing the populist party of the United States, held a convention at the New St. James hotel in St. Louis, Mo., Aug. 13. No attempt was made to make any nominations for president and vice-president, nor were the candidates of any other party indorsed. The members of the organization were advised that they were at liberty to vote for any candidate they pleased. Samuel W. Williams of Vincennes, Ind., was elected chairman of the organization; F. J. Robinson of Cloverland, Ind., secretary, and J. A. Parker of Parma, Mo., vice-chairman. It was announced that no treasurer was needed. The principal work of the gathering was to draw up and adopt a platform, a summary of which will be found elsewhere in this volume. (See index.)

VALUES OF RARE AMERICAN COINS.

The prices given are those quoted for the rarest of each denomination by dealers in New York and Chicago:

GOLD COINS.		Date.	Value.
TEN DOLLARS—EAGLE.		1828	\$15 to \$20
Date.	Value.	1829	15 to 18
1797 (small eagle) \$20 to \$22		1829 (new type).	17 to 20
1798	20 to 25	1830	8 to 12
FIVE DOLLARS—HALF-EAGLE.		1831	8 to 12
1795 (small eagle) \$6 to \$8		1832	9 to 14
1795 (large eagle) 15 to 18		1833	7 to 10
1796	7 to 10	FOUR DOLLARS.	
1797 (small eagle) 12 to 15		1879	\$12 to \$15
1797 (large eagle) 15 to 20		1880	20 to 25
1798 (small eagle) 20 to 30		THREE DOLLARS.	
1815	75 to 100	1875	\$20 to \$30
1819	10 to 15	Any date.	3.55
1820	8 to 10	QUARTER-EAGLE (\$2.50).	
1821	10 to 15	1796 (with stars)	\$12 to \$18
1822	100 to 150	1797	10 to 15
1823	8 to 10	1826	15 to 20
1824	16 to 20	ONE DOLLAR.	
1825	9 to 14	1864	\$5 to \$8
1826	10 to 15	1875	8 to 12
1827	9 to 14	Any date.	1.60
SILVER COINS.			
DOLLARS.			
1794	\$20 to \$40	1851	\$20 to \$30
1804	.650 to 3.600	1852	20 to 30
1838 (flying eagle) 30 to 50		1858	15 to 20
1839 (flying eagle) 25 to 35			

Date.	HALF-DOLLARS.	Value.
1796		\$20 to \$35
1797		15 to 25
1833 (mint mark "O" bet. date and bust).		15 to 30
1853 (without arrow heads at date).		20 to 30
Date.	QUARTER-DOLLARS.	Value.
1823	\$20 to \$30	
1827	30 to 50	
1893 Col. (Isabella).	40c	
Date.	TWENTY-CENT PIECES.	Value.
1874	\$2 to \$4	
1877	1 to 2	
Date.	DIMES.	Value.
1797	\$2.00 to \$4.00	
1800	2.00 to 3.50	
Date.	NICKEL COINS.	Value.
FIVE-CENT PIECES.		
1877	.75 to \$1.00	
Date.	COPPER COINS.	Value.
TWO-CENT PIECES.		
1873	\$1 to \$2	
Date.	CENTS.	Value.
1793	\$1 to \$5	
1799	4 to 15	
1804	3 to 10	
Date.	HALF-CENTS.	Value.
1793	.50 to \$3	
1796	.50 to 25	
1802	.50 to 2	
1831	3.00 to 10	
THREE-CENT PIECES.		
1877	.50 to \$1.00	
THREE-CENT PIECES.		
1836	\$4.00 to \$8	
1840	2.00 to 7	
1841	2.00 to 7	
1842	3.00 to 10	
1843	2.00 to 7	
1844	2.00 to 7	
1845	2.00 to 7	
1846	2.00 to 10	
1847	4.00 to 12	
1848	3.00 to 10	
1849 (small date)	2.50 to 8	
1852	2.00 to 6	

MEMBERS OF THE FRENCH ACADEMY.

Name.	Elected.	Name.	Elected.	Name.	Elected.
Ollivier, Emile, b. 1825.	1870	Hervieu, Paul, b. 1857.	1899	Aicard, Jean, b. 1848.	1909
Mezieres, Alfred, b. 1826.	1874	Faguet, Emile, b. 1871.	1900	Brieux, Eugene, b. 1858.	1909
Haussonville, Comte de, b. 1848.	1888	Rostand, Edmond, b. 1868.	1901	Poincare, Raymond, b. 1850.	1909
Claretie, Jules, b. 1840.	1888	Vogte, Charles de, b. 1829.	1901	Duchesne, Mgr., b. 1848.	1910
Freyinet, Charles de, b. 1828.	1890	Bazin, Rene, b. 1853.	1903	Regnier, Henri de, b. 1864.	1911
Loti-Viaud, Pierre, b. 1850.	1891	Masson, Frederick, b. 1847.	1903	Roujon Roujon.	1911
Lavisse, Ernest, b. 1842.	1892	Lamy, Etienne, b. 1845.	1905	Cochin, Denys, b. 1851.	1911
Thureau-Dangin, Paul, b. 1837.	1893	Barres, Maurice, b. 1862.	1906		
Houssaye, Henri, b. 1848.	1894	Ribot, Alexandre, b. 1842.	1905		
Bourget, Paul, b. 1852.	1894	Donnay, Maurice, b. 1866.	1907		
Lemaître, Jules, b. 1853.	1895	Segur, Marqu' Anatole de, b. 1825.	1907		
France, Anatole, b. 1844.	1896	Charmes, Francis, b. 1848.	1908		
Mun, Albert Comte de, b. 1841.	1897	Richetin, Jean, b. 1849.	1908		
Hanotaux, Gabriel, b. 1853.	1897	Doumie, Rene, b. 1860.	1909		
Lavedan, Henri, b. 1859.	1898	Prevost, Marcel, b. 1862.	1909		
Deschanel, Paul, b. 1856.	1899				

DEATH OF WILBUR WRIGHT.

Wilbur Wright, aeroplane inventor and aviator, died at his home in Dayton, O., at 3:15 a. m., Thursday, May 30, 1912, from an attack of typhoid fever. He became ill May 4 while on a business trip in Boston and after his return rapidly grew worse until the end came. Wilbur Wright and his brother Orville were the first persons to make aviation a practical art and a commercial success. For a long time they worked in secret and their ability to fly in a heavier-than-air machine was

doubted until finally it was demonstrated in public in the United States and France. Both won many prizes at home and abroad and in 1909 congress awarded them a gold medal "in recognition and appreciation of their ability, courage and success in navigating the air." He and his brother abandoned actual flying in 1910 and devoted themselves to the manufacture of aeroplanes. Wilbur Wright was born in 1867 on a farm in Henry county, Indiana.

NATIONAL PARTY PLATFORMS OF 1912.

SOCIALIST LABOR.

Adopted at New York city, April 10.

The programme of the socialist labor party is revolution—the industrial or socialist republic, the social order where the political state is overthrown; where the congress of the land consists of the representatives of the useful occupations of the land; where, accordingly, government is an essential factor in production; where the blessings to man that the trust is instinct with are freed from the trammels of the private ownership that now turn the potential blessings into a curse; where, accordingly, abundance can be the patrimony of all who work, and the shackles of wage slavery are no more.

In keeping with the goals of the different programmes are the means for their execution.

The means in contemplation by reaction is the bayonet. To this end reaction is seeking, by means of the police spy and other agencies, to lash the proletariat into acts of violence that may give a color to the resort to the bayonet. By its maneuvers it is egging the working class on to deeds of fury. The capitalist press echoes the policy, while the pure and simple political socialist party press, generally, is snared into the trap.

On the contrary, the means firmly adhered to by the socialist labor party is the constitutional method of political action, backed by the industrially and class consciously organized proletariat to the exclusion of anarchy, and all that thereby hangs.

At such a critical period in the nation's existence the socialist labor party calls upon the working class of America, more deliberately serious than ever before, to rally at the polls under the party's banner. And the party also calls upon all intelligent citizens to place themselves squarely upon the ground of working class interests, and join us in this mighty and noble work of human emancipation, so that we may put summary end to the existing barbarous class conflict by placing the land and all the means of production, transportation and distribution into the hands of the people as a collective body, and substituting for the present state of planless production, industrial war and social disorder, the socialist or industrial commonwealth—a commonwealth in which every worker shall have the free exercise and full benefit of his faculties, multiplied by all the modern factors of civilization.

SOCIALIST.

Adopted at Indianapolis, Ind., May 17.

The socialist party of the United States declares that the capitalist system has outgrown its historical function and has become utterly incapable of meeting the problems confronting society. We denounce this outgrown system as incompetent and corrupt and the source of unspeakable misery and suffering to the whole working class.

Under this system the industrial equipment of the nation has passed into the absolute control of a plutocracy which exacts an annual tribute of millions of dollars from the producers in payment of any organized resistance. It stretches out its greedy hands over the still undeveloped resources of the nation—the land, the mines, the forests and the water powers of every state in the union.

In spite of the multiplication of labor saving machines and improved methods in industry which cheapen the cost of production, the share of the producers grows ever less, and the prices of all the necessities of life steadily increase. The boasted prosperity of this nation is for the owning class alone. To the rest it means only greater hardship and misery. The high cost of living is felt in every home. Millions of wage workers have seen the purchasing power of their wages decrease until life has become a desperate battle for mere existence.

Multitudes of unemployed walk the streets of our cities or trudge from state to state awaiting the will of the masters to move the wheels of industry.

The farmers in every state are plundered by the increasing prices exacted for tools and machinery and by extortionate rent, freight rates and storage charges.

Capitalist concentration is mercilessly crushing

the class of small business men and driving its members into the ranks of propertyless wage workers. The overwhelming majority of the people of America are being forced under a yoke of bondage by this soulless industrial despotism.

It is this capitalist system that is responsible for the increasing burden of armaments, the poverty, slums, child labor, most of the insanity, crime and prostitution and much of the disease that afflicts mankind.

Under this system the working class is exposed to poisonous conditions, to frightful and needless perils of life and limb, is walled around with court decisions, lifejunctions and unjust laws and is preyed upon incessantly for the benefit of the controlling oligarchy of wealth. Under it also the children of the working class are doomed to ignorance, drugging toll and darkened lives.

In the face of these evils, so manifest that all thoughtful observers are appalled at them, the legislative representatives of the republican, democratic and all reform parties remain the faithful servants of the oppressors. Measures designed to secure to the wage earners of this nation as humane and just treatment as is already enjoyed by the wage earners of all other civilized nations have been smothered in committee without debate, and laws ostensibly designed to bring relief to the farmers and general consumers are juggled and transformed into instruments for the exaction of further tribute. The growing unrest under oppression has driven these two old parties to the enactment of a variety of regulative measures, none of which has limited in any appreciable degree the power of the plutocracy, and some of which have been perverted into means of increasing that power. Antitrust laws, railroad restrictions and regulations, with the prosecutions, indictments and investigations based upon such legislation, have proved to be utterly futile and ridiculous.

Nor has this plutocracy been seriously restrained or even threatened by any republican or democratic executive. It has continued to grow in power and insolence alike under the administrations of Cleveland, McKinley, Roosevelt and Taft.

In addition to this legislative juggling and this executive connivance the courts of America have sanctioned and strengthened the hold of this plutocracy as the Dred Scott and other decisions strengthened the slave power before the civil war.

We declare, therefore, that the longer sufferance of these conditions is impossible and we purpose to end them all. We declare them to be the product of the present system, in which industry is carried on for private greed, instead of for the welfare of society. We declare, furthermore, that for these evils there will be and can be no remedy and no substantial relief except through socialism, under which industry will be carried on for the common good and every worker receive the full social value of the wealth he creates.

Society is divided into warring groups and classes, based upon material interests. Fundamentally this struggle is a conflict between the two main classes, one of which, the capitalist class, owns the means of production, and the other, the working class, must use these means of production on terms dictated by the owners.

The capitalist class, though few in number, absolutely controls the government—legislative, executive and judicial. This class owns the machinery of gathering and disseminating news through its organized press. It subsidizes seats of learning—the colleges and schools—and even religious and moral agencies. It has also the added prestige which established customs give to any order of society, right or wrong.

The working class, which includes all those who are forced to work for a living, whether by hand or brain, in shop, mine or on the soil, vastly outnumbers the capitalist class. Lacking effective organization and class solidarity, this class is unable to enforce its will. Given such class solidarity and effective organization, the workers will have the power to make all laws and control all industry in their own interest.

All political parties are the expression of economic and class interests. All other parties than

the socialist party represent one or another group of the ruling capitalist class. Their political conflicts reflect merely superficial rivalries between competing capitalist groups. However they result, these conflicts have no issue of real value to the workers. Whether the democrats or republicans win politically, it is the capitalist class that is victorious economically.

The socialist party is the political expression of the economic interests of the workers. Its defeats have been their defeats and its victories their victories. It is a party founded on the science and laws of social development. It proposes that, since all social necessities to-day are socially produced, the means of their production and distribution shall be socially owned and democratically controlled.

In the face of the economic and political aggressions of the capitalist class the only reliance left the workers is that of their economic organizations and their political power. By the intelligent and class conscious use of these they may resist successfully the capitalist class, break the fetters of wage slavery and fit themselves for the future society, which is to displace the capitalist system. The socialist party appreciates the full significance of class organization and urges the wage earners, the working farmers and all other useful workers everywhere to organize for economic and political action, and we pledge ourselves to support the toilers of the fields as well as those in the shops, factories and mines, of the nation in their struggles for economic justice.

In the defeat or victory of the working class party in this new struggle for freedom lies the defeat or triumph of the common people of all economic groups, as well as the failure or the triumph of popular government. Thus the socialist party is the party of the present day revolution, which marks the transition from economic individualism to socialism, from wage slavery to free co-operation, from capitalist oligarchy to industrial democracy.

As measures calculated to strengthen the working class in its fight for the realization of its ultimate aim, the co-operative commonwealth, and to increase its power of resistance against capitalist oppression, we advocate and pledge ourselves and our elected officers to the following programme:

1. The collective ownership and democratic management of railroads, wire and wireless telegraphs and telephones, express services, steamboat lines and all other social means of transportation and communication and of all large scale industries.

2. The immediate acquirement by the municipalities, the states or the federal government of all grain elevators, stockyards, storage warehouses and other distributing agencies, in order to reduce the present extortionate cost of living.

3. The extension of the public domain to include mines, quarries, oil wells, forests and water power.

4. The further conservation and development of natural resources for the use and benefit of all the people:

- (a) By scientific forestation and timber protection.

- (b) By the reclamation of arid and swamp tracts.

- (c) By the storage of flood waters and the utilization of water power.

- (d) By the stoppage of the present extravagant waste of the soil and of the products of mines and oil wells.

- (e) By the development of highway and waterway systems.

5. The collective ownership of land wherever practicable, and in cases where such ownership is impracticable the appropriation by taxation of the annual rental value of all land held for speculation.

6. The collective ownership and democratic management of the banking and currency system.

The immediate government relief of the unemployed by the extension of all useful public works. All persons employed on such works to be engaged directly by the government under a workday of not more than eight hours and at not less than the prevailing union wages. The government also to establish employment bureaus; to lend money to states and municipalities without interest for the purpose of carrying on public works, and to take such other measures within its power as will lessen

the widespread misery of the workers caused by the misuse of the capitalist class.

The conservation of human resources, particularly of the lives and well-being of the workers and their families:

1. By shortening the workday in keeping with the increased productiveness of machinery.

2. By securing to every worker a rest period of not less than a day and a half in each week.

3. By securing a more effective inspection of workshops, factories and mines.

4. By forbidding the employment of children under 16 years of age.

5. By the co-operative organization of industries in federal penitentiaries and workshops for the benefit of convicts and their dependents.

6. By forbidding the interstate transportation of the products of child labor, of convict labor and of all uninspected factories and mines.

7. By abolishing the profit system in government work and substituting either the direct hire of labor or the awarding of contracts to co-operative groups of workers.

8. By establishing minimum wage scales.

9. By abolishing official charity and substituting a noncontributory system of old age pensions, a general system of insurance by the state of all its members against unemployment and invalidism and a system of compulsory insurance by employers of their workers, without cost to the latter, against industrial diseases, accidents and death.

POLITICAL DEMANDS.

1. The absolute freedom of press, speech and assemblage.

2. The adoption of a graduated income tax, the increase of the rates of the present corporation tax and the extension of inheritance taxes, graduated in proportion to the value of the estate and to nearness of kin—the proceeds of these taxes to be employed in the socialization of industry.

3. The abolition of the monopoly ownership of patents and the substitution of collective ownership, with direct awards to inventors by premiums or royalties.

4. Unrestricted and equal suffrage for men and women.

5. The adoption of the initiative, referendum and recall and of proportional representation, nationally as well as locally.

6. The abolition of the senate and of the veto power of the president.

7. The election of the president and the vice-president by direct vote of the people.

8. The abolition of the power usurped by the Supreme Court of the United States to pass upon the constitutionality of the legislation enacted by congress. National laws to be repealed only by act of congress or by a referendum vote of the whole people.

9. The abolition of the present restrictions upon the amendment of the constitution, so that the instrument may be made amendable by a majority of the voters in a majority of the states.

10. The granting of the right of suffrage in the District of Columbia, with representation in congress and a democratic form of municipal government for purely local affairs.

11. The extension of democratic government to all United States territory.

12. The enactment of further measures for general education and particularly for vocational education in useful pursuits. The bureau of education to be made a department.

13. The enactment of further measures for the conservation of health. The creation of an independent bureau of health with such restrictions as will secure full liberty for all schools of practice.

14. The separation of the present bureau of labor from the department of commerce and labor and its elevation to the rank of a department.

15. Abolition of all federal district courts and the United States Circuit Court of Appeals. State courts to have jurisdiction in all cases arising between citizens of the several states and foreign corporations. The election of all judges for short terms.

16. The immediate curbing of the power of the courts to issue injunctions.

17. The free administration of justice.

18. The calling of a convention for the revision of the constitution of the United States.

Such measures of relief as we may be able to force from capitalism are but a preparation of the workers to seize the whole powers of government in order that they may thereby lay hold of the whole system of socialized industry and thus come to their rightful inheritance.

REPUBLICAN.

Adopted at Chicago June 22.

The republican party, assembled by its representatives in national convention, declares its unchanging faith in government of the people, by the people, for the people. We renew our allegiance to the principles of the republican party and our devotion to the cause of republican institutions established by the fathers.

It is appropriate that we should now recall with a sense of veneration and gratitude the name of our first great leader, who was nominated in this city, and whose lofty principles and superb devotion to his country are an inspiration to the party he honored—Abraham Lincoln. In the present state of public affairs we should be inspired by his broad statesmanship and by his tolerant spirit toward men.

The republican party looks back upon its record with pride and satisfaction, and forward to its new responsibilities with hope and confidence. Its achievements in government constitute the most luminous pages in our history. Our greatest national advance has been made during the years of its ascendancy in public affairs. It has been genuinely and always a party of progress; it has never been either stationary or reactionary. It has gone from the fulfillment of one great pledge to the fulfillment of another in response to the public need and to the popular will.

We believe in our self-controlled representative democracy, which is a government of laws, not of men, and in which order is the prerequisite of progress.

The principles of constitutional government, which make provision for orderly and effective expression of the popular will, for the protection of civil liberty and the rights of men and for the interpretation of the law by an untrammelled and independent judiciary, have proved themselves capable of sustaining the structure of a government which, after more than a century of development, embraces 100,000,000 of people, scattered over a wide and diverse territory, but bound by common purposes, common ideals and common affection to the constitution of the United States.

GROWTH OF UNITED STATES.

Under the constitution and the principles asserted and vitalized by it the United States has grown to be one of the great civilized and civilizing powers of the earth. It offers a home and an opportunity to the ambitious and the industrious from other lands. Resting upon the broad basis of a people's confidence and a people's support, and managed by the people themselves, the government of the United States will meet the problems of the future as satisfactorily as it has solved those of the past.

The republican party is now, as always, a party of advanced and constructive statesmanship. It is prepared to go forward with the solution of those new questions which social, economic and political development have brought into the forefront of the nation's interest. It will strive not only in the nation but in the several states to enact the necessary legislation to safeguard the public health: to limit effectively the labor of women and children; to protect wage earners engaged in dangerous occupations; to enact comprehensive and generous workmen's compensation laws in place of the present wasteful and unjust system of employers' liability, and in all possible ways to satisfy the just demand of the people for the study and solution of the complex and constantly changing problems of social welfare.

RIGHTS OF THE INDIVIDUAL.

In dealing with these questions it is important that the rights of every individual to the freest possible development of his own powers and resources and to the control of his own justly ac-

quired property, so far as those are compatible with the rights of others, shall not be interfered with or destroyed.

The social and political structure of the United States rests upon the civil liberty of the individual, and for the protection of that liberty the people have wisely, in the national and state constitutions, put definite limitations upon themselves and upon their governmental officers and agencies. To enforce these limitations, to secure the orderly and coherent exercise of governmental powers and to protect the rights of even the humblest and least favored individual are the function of independent courts of justice.

The republican party reaffirms its intention to uphold at all times the authority and integrity of the courts, both state and federal, and it will ever insist that their powers to enforce their process and to protect life, liberty and property shall be preserved inviolate. An orderly method is provided under our system of government by which the people may, when they choose, alter or amend the constitutional provisions which underlie that government.

LAWS AGAINST LONG DELAYS.

Until these constitutional provisions are so altered or amended, in orderly fashion, it is the duty of the courts to see to it that when challenged they are enforced.

That courts, both federal and state, may bear the heavy burden laid upon them to the complete satisfaction of public opinion, we favor legislation to prevent long delays and the tedious and costly appeals which have so often amounted to a denial of justice in civil cases and to a failure to protect the public at large in criminal cases.

Since the responsibility of the judiciary is so great, the standards of judicial action must be always and everywhere above suspicion and reproach. While we regard the recall of judges as unnecessary and unwise, we favor such action as may be necessary to simplify the process by which any judge who is found to be derelict in his duty may be removed from office.

Together with peaceful and orderly development at home, the republican party earnestly favors all measures for the establishment and protection of the peace of the world and for the development of closer relations between the various nations of the earth. It believes most earnestly in the peaceful settlement of international disputes and in the reference of all justiciable controversies between nations to an international court of justice.

MONOPOLY AND PRIVILEGE.

The republican party is opposed to special privilege and to monopoly. It placed upon the statute book the interstate commerce act of 1887 and the important amendments thereto, and the antitrust act of 1890, and it has consistently and successfully enforced the provisions of these laws. It will take no backward step to permit the re-establishment in any degree of conditions which were intolerable.

Experience makes it plain that the business of the country may be carried on without fear or without disturbance, and at the same time without resort to practices which are abhorrent to the common sense of justice.

The republican party favors the enactment of legislation supplementary to the existing antitrust act which will define as criminal offenses those specific acts that uniformly mark attempts to restrain and to monopolize trade, to the end that those who honestly intend to obey the law may have a guide for their action, and that those who aim to violate the law may the more surely be punished.

The same certainty should be given in the law prohibiting combinations and monopolies that characterizes other provisions of commercial law in order that part of the field of business opportunity may be restricted by monopoly or combination, that business success honorably achieved may not be converted into crime and that the right of every man to acquire commodities, and particularly the necessities of life, in an open market uninfluenced by the manipulation of trust or combination may be preserved.

FEDERAL TRADE COMMISSION.

In the enforcement and administration of federal laws governing interstate commerce and enterprises impressed with a public use engaged therein, there is much that may be committed to a federal trade commission, thus placing in the hands of an administrative board many of the functions now necessarily exercised by the courts. This will promote promptness in the administration of the law and avoid delays and technicalities incident to court procedure.

THE TARIFF.

We reaffirm our belief in a protective tariff. The republican tariff policy has been of the greatest benefit to the country, developing our resources, diversifying our industries and protecting our workmen against competition with cheaper labor abroad, thus establishing for our wage earners the American standard of living.

The protective tariff is so woven into the fabric of our industrial and agricultural life that to substitute for it a tariff for revenue only would destroy many industries and throw millions of our people out of employment. The products of the farm and of the mine should receive the same measure of protection as other products of American labor.

We hold that the import duties should be high enough while yielding a sufficient revenue to protect adequately American industries and wages. Some of the existing import duties are too high and should be reduced. Readjustment should be made from time to time to conform to changed conditions and to reduce excessive rates, but without injury to any American industry.

To accomplish this correct information is indispensable. This information can best be obtained by an expert commission, as the large volume of useful facts contained in the recent reports of the tariff board has demonstrated.

CHANGING CONDITIONS REQUIRE STUDY.

The pronounced feature of modern industrial life is its enormous diversification. To apply tariff rates justly to those changing conditions requires closer study and more scientific methods than ever before. The republican party has shown by its creation of a tariff board its recognition of this situation and its determination to be equal to it.

We condemn the democratic party for its failure either to provide funds for the continuance of this board or to make such other provision for securing the information requisite for intelligent tariff legislation. We protest against the democratic method of legislating on these vitally important subjects without careful investigation.

We condemn the democratic tariff bills passed by the house of representatives of the 62d congress as sectional, as injurious to the public credit and as destructive of business enterprise.

COST OF LIVING.

The steadily increasing cost of living has become a matter not only of national but of worldwide concern. The fact that it is not due to the protective tariff system is evidenced by the existence of similar conditions in countries which have a tariff policy different from our own, as well as by the fact that the cost of living has increased while rates of duty have remained stationary or been reduced.

The republican party will support a prompt scientific inquiry into the causes which are operative, both in the United States and elsewhere, to increase the cost of living. When the exact facts are known it will take the necessary steps to remove any abuses that may be found to exist, in order that the cost of the food, clothing and shelter of the people may in no way be unduly or artificially increased.

BANKING AND CURRENCY.

The republican party has always stood for a sound currency and for safe banking methods. It is responsible for the resumption of specie payments and for the establishment of the gold standard. It is committed to the progressive development of our banking and currency system.

Our banking arrangements to-day need further revision to meet the requirements of current conditions. We need measures which will prevent the

recurrence of money panics and financial disturbances and which will promote the prosperity of business and the welfare of labor by producing constant employment.

We need better currency facilities for the movement of crops in the west and south. We need banking arrangements under American auspices for the encouragement and better conduct of our foreign trade. In attaining these ends the independence of individual banks, whether organized under national or state charters, must be carefully protected, and our banking and currency system must be safeguarded from any possibility of domination by sectional, financial or political interests.

MONEY FOR THE FARMERS.

It is of great importance to the social and economic welfare of this country that its farmers have facilities for borrowing easily and cheaply the money they need to increase the productivity of their land.

It is as important that financial machinery be provided to supply the demand of farmers for credit as it is that the banking and currency systems be reformed in the interest of general business.

Therefore we recommend and urge an authoritative investigation of agricultural credit societies and corporations in other countries, and the passage of state and federal laws for the establishment and capable supervision of organizations having for their purpose the loaning of funds to farmers.

THE CIVIL SERVICE.

We reaffirm our adherence to the principle of appointment to public office based on proved fitness and tenure during good behavior and efficiency.

The republican party stands committed to the maintenance, extension, and enforcement of the civil service law, and it favors the passage of legislation empowering the president to extend the competitive service so far as practicable. We favor legislation to make possible the equitable retirement of disabled and superannuated members of the civil service, in order that a higher standard of efficiency may be maintained.

We favor the amendment of the federal employees' liability law so as to extend its provisions to all government employees, as well as to provide a more liberal scale of compensation for injury and death.

CAMPAIGN CONTRIBUTIONS.

We favor such additional legislation as may be necessary more effectually to prohibit corporations from contributing funds, directly or indirectly, to campaigns for the nomination or election of the president, the vice-president, senators and representatives in congress.

We heartily approve the recent act of congress requiring the fullest publicity in regard to all campaign contributions, whether made in connection with primaries, conventions or elections.

CONSERVATION POLICY.

We rejoice in the success of the distinctive republican policy of the conservation of our national resources for their use by the people without waste and without monopoly. We pledge ourselves to a continuance of such a policy.

We favor such fair and reasonable rules and regulations as will not discourage or interfere with actual bonafide homeseekers, prospectors and miners in the acquisition of public lands under existing laws.

PARCELS POST.

In the interest of the general public, and particularly of the agricultural or rural communities, we favor legislation looking to the establishment, under proper regulations, of a parcels post, the postal rates to be graduated under a zone similar in proportion to the length of carriage.

PROTECTION OF AMERICAN CITIZENSHIP.

We approve the action taken by the president and the congress to secure with Russia, as with other countries, a treaty that will recognize the absolute right of expatriation and that will prevent all discrimination of whatever kind between American citizens, whether native born or alien and regardless of race, religion or previous political allegiance. The right of asylum is a precious possession of the people of the United States and it is to be neither surrendered nor restricted.

THE NAVY.

We believe in the maintenance of an adequate navy for the national defense, and we condemn the action of the democratic house of representatives in refusing to authorize the construction of additional ships.

MERCHANT MARINE.

We believe that one of the country's most urgent needs is a revived merchant marine. There should be American ships, and plenty of them, to make use of the great American interoceanic canal now nearing completion.

FLOOD PREVENTION.

The Mississippi river is the nation's drainage ditch. Its flood waters gathered from thirty-one states and the Dominion of Canada constitute an overpowering force which breaks the levees and pours its torrents over many million acres of the richest land in the union, stopping mails, impeding commerce and causing great loss of life and property.

These floods are national in scope and the disasters they produce seriously affect the general welfare. The state unaided cannot cope with this giant problem, hence we believe the federal government should assume a fair proportion of the burden of its control so as to prevent the disasters from recurring floods.

RECLAMATION.

We favor the continuance of the policy of the government with regard to the reclamation of arid lands, and for the encouragement of the speedy settlement and improvement of such lands we favor an amendment to the law that will reasonably extend the time within which the cost of any reclamation project may be repaid by the land owners under it.

RIVERS AND HARBORS.

We favor a liberal and systematic policy for the improvement of our rivers and harbors. Such improvements should be made upon expert information and after a careful comparison of cost and prospective benefits.

ALASKA.

We favor a liberal policy toward Alaska to promote the development of the great resources of that district, with such safeguards as will prevent waste and monopoly.

We favor the opening of the coal lands to development through a law leasing the lands on such terms as will invite development and provide fuel for the navy and the commerce of the Pacific ocean, while retaining title in the United States to prevent monopoly.

PHILIPPINE POLICY.

The Philippine policy of the republican party has been and is inspired by the belief that our duty toward the Filipino people is a national obligation which should remain entirely free from partisan politics.

IMMIGRATION.

We pledge the republican party to the enactment of appropriate laws to give relief from the constantly growing evil of induced or undesirable immigration which is inimical to the progress and welfare of the people of the United States.

SAFETY AT SEA.

We favor the speedy enactment of laws to provide that seamen shall not be compelled to endure involuntary servitude, and that life and property at sea shall be safeguarded by the ample equipment of vessels with life saving appliances and with full complements of skilled, able bodied seamen to operate them.

REPUBLICAN ACCOMPLISHMENT.

The approaching completion of the Panama canal, the establishment of a bureau of mines, the institution of postal savings banks, the increased provision made in 1912 for the aged and infirm soldiers and sailors of the republic and for their widows, and the vigorous administration of the laws relating to pure food and drugs all mark the successful progress of republican administration and are additional evidence of its effectiveness.

ECONOMY AND EFFICIENCY.

We commend the earnest effort of the republican administration to secure greater economy and increased efficiency in the conduct of government business. Extravagant appropriations and the creation of unnecessary offices are an injustice to the taxpayer and a bad example to the citizen.

CIVIC DUTY.

We call upon the people to quicken their interest in public affairs, to condemn and punish lynchings and other forms of lawlessness and to strengthen in all possible ways a respect for law and the observance of it. Indifferent citizenship is an evil from which the law affords no adequate protection and for which legislation can provide no remedy.

ARIZONA AND NEW MEXICO.

We congratulate the people of Arizona and New Mexico upon the admission of those states, thus merging in the union in final and enduring form the last remaining portion of our continental territory.

REPUBLICAN ADMINISTRATION.

We challenge successful criticism of the sixteen years of republican administration under Presidents McKinley, Roosevelt and Taft. We heartily reaffirm the indorsement of President McKinley contained in the platforms of 1900 and 1904, and that of President Roosevelt contained in the platforms of 1904 and 1908.

We invite the intelligent judgment of the American people upon the administration of William H. Taft. The country has prospered and been at peace under his presidency. During the years in which he had the co-operation of a republican congress an unexampled amount of constructive legislation was framed and passed in the interest of the people and in obedience to their wish. That legislation is a record on which any administration might appeal with confidence to the favorable judgment of history.

We appeal to the American electorate upon the record of the republican party and upon this declaration of its principles and purposes. We are confident that under the leadership of the candidates here to be nominated our appeal will not be in vain; that the republican party will meet every just expectation of the people whose servant it is; that under its administration and its laws our nation will continue to advance; that peace and prosperity will abide with the people and that new glory will be added to the great republic.

DEMOCRATIC.

Adopted at Baltimore July 2.

We, the representatives of the democratic party of the United States, in national convention assembled, reaffirm our devotion to the principles of democratic government formulated by Thomas Jefferson and enforced by a long and illustrious line of democratic presidents.

TARIFF REFORM.

We declare it to be a fundamental principle of the democratic party that the federal government, under the constitution, has no right or power to impose or collect tariff duties, except for the purpose of revenue, and we demand that the collection of such taxes shall be limited to the necessities of government, honestly and economically administered.

The high republican tariff is the principal cause of the unequal distribution of wealth; it is a system of taxation which makes the rich richer and the poor poorer; under its operations the American farmer and laboring man are the chief sufferers; it raises the cost of the necessities of life to them, but does not protect their product or wages.

The farmer sells largely in free markets and buys almost entirely in the protected markets.

In the most highly protected industries, such as cotton and wool, steel and iron, the wages of the laborers are the lowest paid in any of our industries.

We denounce the republican pretense on that subject and assert that American wages are established by competitive conditions and not by the tariff.

We favor the immediate downward revision of the existing high and, in many cases, prohibitive tariff duties, insisting that material reductions be speed-

ily made upon the necessities of life. Articles entering into competition with trust controlled products and articles of American manufacture which are sold abroad more cheaply than at home should be put upon the free list.

We recognize that our system of tariff taxation is intimately connected with the business of the country and we favor the ultimate attainment of the principles we advocate by legislation that will not injure or destroy legitimate industry.

We denounce the action of President Taft in vetoing the bills to reduce the tariff in the cotton, woolen, metals and chemical schedules and the farmers' free list bill, all of which were designed to give immediate relief to the masses from the exactions of the trusts.

The republican party, while promising tariff revision, has shown by its tariff legislation that such revision is not to be in the people's interest and, having been faithless to its pledges of 1908, it should no longer enjoy the confidence of the nation. We appeal to the American people to support to us in our demand for a tariff for revenue only.

HIGH COST OF LIVING.

The high cost of living is a serious problem in every American home. The republican party, in its platform, attempts to escape from responsibility for present conditions by denying that they are due to a protective tariff. We take issue with them on this subject and charge that excessive prices result in a large measure from the high tariff laws enacted and maintained by the republican party and from trusts and commercial conspiracies fostered and encouraged by such laws, and we assert that no substantial relief can be secured for the people until import duties on the necessities of life are materially reduced and these criminal conspiracies broken up.

ANTITRUST LAW.

A private monopoly is indefensible and intolerable. We therefore favor the vigorous enforcement of the criminal as well as the civil law against trusts and trust officials, and demand the enactment of such additional legislation as may be necessary to make it impossible for a private monopoly to exist in the United States.

We favor the declaration by law of the conditions upon which corporations shall be permitted to engage in interstate trade, including, among others, the prevention of holding companies, of interlocking directors, of stock watering, of discrimination in price and the control by any one corporation of so large a proportion of any industry as to make it a menace to competitive conditions.

We condemn the action of the republican administration in compromising with the Standard Oil company and the tobacco trust and its failure to invoke the criminal provisions of the antitrust law against the officers of those corporations after the court had declared that from the undisputed facts in the record they had violated the criminal provisions of the law.

We regret that the Sherman antitrust law has received a judicial construction depriving it of much of its efficacy and we favor the enactment of legislation which will restore to the statute the strength of which it has been deprived by such interpretation.

RIGHTS OF STATES.

We believe in the preservation and maintenance in their full strength and integrity of the three coordinate branches of the federal government—the executive, the legislative and the judicial—each keeping within its own bounds and not encroaching upon the just powers of either of the others.

Believing that the most efficient results under our system of government are to be attained by the full exercise by the states of their reserved sovereign powers, we denounce as usurpation the efforts of our opponents to deprive the states of any of the rights reserved to them, and to enlarge and magnify by indirection the powers of the federal government.

We insist upon the full exercise of all the powers of the government, both state and national, to protect the people from injustice at the hands of those who seek to make the government a private asset in business. There is no twilight zone between the nation and the state in which exploiting

interests can take refuge from both. It is as necessary that the federal government shall exercise the powers reserved to it, but we insist that federal remedies for the regulation of interstate commerce and for the prevention of private monopoly shall be added to and not substituted for state remedies.

INCOME TAX, DIRECT ELECTIONS.

We congratulate the country upon the triumph of two important reforms demanded in the last national platform, namely: The amendment of the federal constitution authorizing an income tax and the amendment providing for the popular election of senators, and we call upon the people of all the states to rally to the support of the pending propositions and secure their ratification.

We note with gratification the unanimous sentiment in favor of publicity before the election of campaign contributions—a measure demanded in our national platform of 1908 and at that time opposed by the republican party—and we commend the democratic house of representatives for extending the doctrine of publicity to recommendations, verbal and written, upon which presidential appointments are made, to the ownership and control of newspapers and to the expenditures made by and in behalf of those who aspire to presidential nominations, and we point for additional justification for this legislation to the enormous expenditures of money in behalf of the president and his predecessor in the recent presidential contest for the republican nomination for president.

PRESIDENTIAL PRIMARIES.

The movement toward more popular government should be promoted through legislation in each state which will permit the expression of the preference of the electors for national candidates at presidential primaries.

We direct that the national committee incorporate in the call for the next nominating convention a requirement that all expressions of preference for presidential candidates shall be given and the selection of delegates and alternates made through a primary election conducted by the party organization in each state where such expression and election are not provided for by state law.

Committeemen who are hereafter to constitute the membership of the democratic national committee and whose election is not provided for by law shall be chosen in each state at such primary elections and the service and authority of committeemen, however chosen, shall begin immediately upon the receipt of their credentials.

CAMPAIGN CONTRIBUTIONS.

We pledge the democratic party to the enactment of a law prohibiting any corporation from contributing to a campaign fund and any individual from contributing any amount above a reasonable maximum.

TERM OF PRESIDENT.

We favor a single presidential term and to that end urge the adoption of an amendment to the constitution making the president of the United States ineligible for re-election, and we pledge the candidate of this convention to this principle.

DEMOCRATIC CONGRESS.

At this time, when the republican party, after a generation of unlimited power in its control of the federal government, is rent into factions, it is opportune to point to the record of accomplishments of the democratic house of representatives in the 62d congress. We indorse its action and we challenge comparison of its record with that of any congress which has been controlled by our opponents.

We call the attention of the patriotic citizens of our country to its record of efficiency, economy and constructive legislation:

It has, among other achievements, revised the rules of the house of representatives so as to give to the representatives of the American people freedom of speech and of action in advocating, proposing and perfecting remedial legislation.

It has passed bills for the relief of the people and the development of our country; it has endeavored to revise the tariff taxes downward in the interest of the consuming masses and thus to reduce the high cost of living.

It has proposed an amendment to the federal constitution providing for the election of United States senators by direct vote of the people.

It has secured the admission of Arizona and New Mexico as two sovereign states.

It has required the publicity of campaign expenses, both before and after election, and fixed a limit upon the election expenses of United States senators and representatives.

It has also passed a bill to prevent the abuse of the writ of injunction.

It has passed a law establishing an eight hour day for workmen on all national public work.

It has passed a resolution which forced the president to take immediate steps to abrogate the Russian treaty. And it has passed the great supply bills which lessen waste and extravagance and which reduce the annual expenses of the government by many millions of dollars.

We approve the measure reported by the democratic leaders in the house of representatives for the creation of a council of national defense which will determine a definite naval programme with a view to increased efficiency and economy. The party that proclaimed and has always enforced the Monroe doctrine and was sponsor for the new navy will continue faithfully to observe the constitutional requirements to provide and maintain an adequate and well proportioned navy sufficient to defend American policies, protect our citizens and uphold the honor and dignity of the nation.

REPUBLICAN EXTRAVAGANCE.

We denounce the profligate waste of the money wrung from the people by oppressive taxation through the lavish appropriations of recent republican congresses, which have kept taxes high and reduced the purchasing power of the people's toll. We demand a return to that simplicity and economy which befits a democratic government and a reduction in the number of useless offices, the salaries of which drain the substance of the people.

COMMON CARRIERS.

We favor the efficient supervision and rate regulation of railroads, express companies, telegraph and telephone lines engaged in interstate commerce. To this end we recommend the valuation of railroads, express companies and telegraph and telephone lines by the interstate commerce commission, such valuation to take into consideration the physical value of the property, the original cost, the cost of production and any element of value that will render the valuation fair and just.

We favor such legislation as will effectually prohibit the railroads, express, telegraph and telephone companies from engaging in business which brings them into competition with their shippers; also legislation preventing the overissue of stocks and bonds by the interstate railroads, express companies, telegraph and telephone lines, and legislation which will assure such reduction in transportation rates as conditions will permit, care being taken to avoid reduction that would compel a reduction of wages, prevent adequate service or do injustice to legitimate investments.

BANKING LEGISLATION.

We oppose the so called Aldrich monetary bill or the establishment of a central bank, and we believe the people of this country will be largely freed from panics and consequent unemployment and business depression by such a systematic revision of our banking laws as will render temporary relief in localities where such relief is needed, with protection from control or domination by what is known as the "money trust."

Banks exist for the accommodation of the public and not for the control of business. All legislation on the subject of banking and currency should have for its purpose the securing of these accommodations on terms of absolute security to the public and of complete protection from the misuse of the power that wealth gives to those who possess it.

We condemn the present methods of depositing government funds in a few favored banks, largely situated in or controlled by Wall street, in return for political favors, and we pledge our party to provide by law for their deposit by competitive bidding by the banking institutions of the country,

national and state, without discrimination as to locality, upon approved securities and subject to call by the government.

RURAL CREDITS.

Of equal importance with the question of currency reform is the question of rural credits or agricultural finance. Therefore we recommend that an investigation of agricultural credit societies in foreign countries be made, so that it may be ascertained whether a system of rural credits may be devised suitable to conditions in the United States, and we also favor legislation permitting national banks to loan a reasonable proportion of their funds on real estate security.

We recognize the value of vocational education and urge federal appropriations for such training and extension teaching in agriculture in co-operation with the several states.

WATERWAYS.

We renew the declaration in our last platform relating to the conservation of our natural resources and the development of our waterways. The present devastation of the lower Mississippi valley accentuates the movement for the regulation of river flow by additional bank and levee protection below, and the diversion, storage and control of the flood waters above and their utilization for beneficial purposes in the reclamation of arid and swamp lands and the development of water power, instead of permitting the floods to continue, as heretofore, agents of destruction.

We hold that the control of the Mississippi river is a national problem. The preservation of the depth of its water for the purpose of navigation, the building of levees to maintain the integrity of its channel and the prevention of the overflow of the land and its consequent destruction, resulting in interruption of interstate commerce, the disorganization of mail service and the enormous loss of life and property impose an obligation which alone can be discharged by the general government.

We favor the co-operation of the United States and the respective states in plans for the comprehensive treatment of all waterways with a view of co-ordinating plans for channel improvement with plans for drainage of swamp and overflowed lands, and to this end we favor the appropriation by the federal government of sufficient funds to make surveys of such lands, to develop plans for draining such lands and to supervise the work of construction.

We favor the adoption of a liberal and comprehensive plan for the development and improvement of our inland waterways with economy and efficiency, so as to permit their navigation by vessels of standard draft.

POST ROADS.

We favor national aid to state and local authorities in the construction and maintenance of post roads.

RIGHTS OF LABOR.

We repeat our declarations of the platform of 1908 as follows:

"The courts of justice are the bulwark of our liberties and we yield to none in our purpose to maintain their dignity. Our party has given to the bench a long line of distinguished justices, who have added to the respect and confidence in which this department must be jealously maintained. We resent the attempt of the republican party to raise a false issue respecting the judiciary. It is an unjust reflection upon a great body of our citizens to assume that they lack respect for the courts.

"It is the function of the court to interpret the laws which the people enact, and if the laws appear to work economic, social or political injustice it is our duty to change them. The only basis upon which the integrity of our courts can stand is that of unswerving justice and protection of life, personal liberty and property. If judicial processes may be abused, we should guard them against abuse.

"Experience has proved the necessity of a modification of the present law relating to injunction and we reiterate the pledges of our platform of 1896 and 1904 in favor of a measure which passed the United States senate in 1896, relating to con-

tempt in federal courts and providing for trial by jury in cases of indirect contempt.

"Questions of judicial practice have arisen, especially in connection with industrial disputes. We believe that the parties to all judicial proceedings should be treated with rigid impartiality and that injunctions should not be issued in any case in which an injunction would not issue if no industrial dispute were involved.

"The expanding organization of industry makes it essential that there should be no abridgment of the right of the wage earners and producers to organize for the protection of wages and the improvement of labor conditions, to the end that such labor organizations and their members should not be regarded as illegal combinations in restraint of trade.

"We pledge the democratic party to the enactment of a law creating a department of labor, represented separately in the president's cabinet, in which department shall be included the subject of mines and mining."

We pledge the democratic party, so far as the federal jurisdiction extends, to an employees' compensation law providing adequate indemnity for injury to body or loss of life.

AGRICULTURE.

We believe in encouraging the development of a modern system of agriculture and a systematic effort to improve the conditions of trade in farm products so as to benefit both the consumers and producers. And as an efficient means to this end we favor the enactment by congress of legislation that will suppress the pernicious practice of gambling in agricultural products by organized exchanges or others.

CONSERVATION.

We believe in the conservation and the development, for the use of all the people, of the natural resources of the country. Our forests, our sources of water supply, our arable and our mineral lands, our navigable streams and all other material resources with which our country has been so lavishly endowed constitute the foundation of our national wealth. Such additional legislation as may be necessary to prevent their being wasted or absorbed by special or privileged interests should be enacted and the policy of their conservation should be rigidly adhered to.

The public domain should be administered and disposed of with due regard to the general welfare. Reservations should be limited to the purposes which they purport to serve and not extended to include land wholly unsuited therefor. The unnecessary withdrawal from sale and settlement of enormous tracts of public land, upon which tree growth never existed and cannot be promoted, tends only to retard development, create discontent and bring reproach upon the policy of conservation.

The public land laws should be administered in a spirit of the broadest liberality toward the settler exhibiting a bona fide purpose to comply therewith, to the end that the invitation of this government to the landless should be as attractive as possible, and the plain provisions of the forest reserve act permitting homestead entries to be made within the national forests should not be nullified by administrative regulations which amount to a withdrawal of great areas of the same from settlement.

Immediate action should be taken by congress to make available the vast and valuable coal deposits of Alaska under conditions that will be a perfect guaranty against their falling into the hands of monopolizing corporations, associations or interests.

MERCHANT MARINE.

We believe in fostering by constitutional regulation of commerce the growth of a merchant marine which shall develop and strengthen the commercial ties which bind us to our sister republics of the south, but without imposing additional burdens upon the people and without granting or subsidies from the public treasury. We urge upon congress the speedy enactment of laws for the greater security of life and property at sea and we favor the repeal of all laws and the abrogation of so much of our treaties with other nations as provide for the arrest and imprisonment of seamen charged with desertion or with violation of their contract of service. Such laws and treaties are un-American and violate the

spirit if not the letter of the constitution of the United States.

We favor the exemption from tolls of American ships engaged in coastwise trade passing through the Panama canal.

We also favor legislation forbidding the use of the Panama canal by ships owned or controlled by railroad carriers engaged in transportation competitive with the canal.

PURE FOODS AND PUBLIC HEALTH.

We reaffirm our previous declarations advocating the union and strengthening of the various governmental agencies relating to pure foods, quarantine, vital statistics and human health. Thus united and administered without partiality to, or discrimination against, any school of medicine or system of healing, they would constitute a single health service, not subordinated to any commercial or financial interests, but devoted exclusively to the conservation of human life and efficiency. Moreover, this health service should co-operate with the health agencies of our various states and cities without interference with their prerogatives or with the freedom of individuals to employ such medical or hygienic aid as they may see fit.

CIVIL SERVICE LAW.

The law pertaining to the civil service should be honestly and rigidly enforced, to the end that merit and ability shall be the standard of appointment and promotion rather than service rendered to a political party; and we favor a reorganization of the civil service with adequate compensation commensurate with the class of work performed for all officers and employees; we also favor the extension to all classes of civil service employees of the benefits of the provisions of the employers' liability law. We also recognize the right of direct petition to congress by employees for the redress of grievances.

LAW REFORM.

We recognize the urgent need of reform in the administration of civil and criminal law in the United States and we recommend the enactment of such legislation and the promotion of such measures as will rid the present legal system of the delays, expense and uncertainties incident to the system as now administered.

THE PHILIPPINES.

We reaffirm the position thrice announced by the democracy in national convention assembled against a policy of imperialism and colonial exploitation in the Philippines or elsewhere. We condemn the experiment in imperialism as an inexcusable blunder which has involved us in enormous expense, brought us weakness instead of strength and laid our nation open to the charge of abandonment of the fundamental doctrine of self-government. We favor an immediate declaration of the nation's purpose to recognize the independence of the Philippine islands as soon as a stable government can be established, such independence to be guaranteed by us until the neutralization of the islands can be secured by treaty with other powers. In recognizing the independence of the Philippines our government should retain such land as may be necessary for coaling stations and naval bases.

ARIZONA AND NEW MEXICO.

We welcome Arizona and New Mexico to the sisterhood of states and heartily congratulate them upon their auspicious beginning of great and glorious careers.

ALASKA.

We demand for the people of Alaska the full enjoyment of the rights and privileges of a territorial form of government, and we believe that the officials appointed to administer the government of all our territories and the District of Columbia should be qualified by previous bona fide residence.

THE RUSSIAN TREATY.

We commend the patriotism of the democratic members of the senate and house of representatives which compelled the termination of the Russian treaty of 1832, and we pledge ourselves anew to preserve the sacred rights of American citizenship at home and abroad. No treaty should receive the sanction of our government which does not recognize the equality of all our citizens, irrespective

of race or creed, and which does not expressly guarantee the fundamental right of expatriation.

The constitutional rights of American citizens should protect them on our borders and go with them throughout the world, and every American citizen residing or having property in any foreign country is entitled to and must be given the full protection of the United States government, both for himself and his property.

PARCELS POST.

We favor the establishment of a parcels post or postal express and also the extension of the rural delivery system as rapidly as practicable.

PANAMA CANAL EXPOSITION.

We hereby express our deep interest in the great Panama Canal exposition to be held in San Francisco in 1915 and favor such encouragement as can be properly given.

PROTECTION OF NATIONAL UNIFORM.

We commend to the several states the adoption of a law making it an offense for the proprietors of places of public amusement and entertainment to discriminate against the uniform of the United States, similar to the law passed by congress applicable to the District of Columbia and the territories in 1911.

PENSIONS.

We renew the declaration of our last platform relating to a generous pension policy.

RULE OF THE PEOPLE.

We call attention to the fact that the democratic party's demand for a return to the rule of the people expressed in the national platform four years ago has now become the accepted doctrine of a large majority of the electors. We again remind the country that only by a larger exercise of the reserved power of the people can they protect themselves from the misuse of delegated power and the usurpation of governmental instrumentality by special interest. For this reason the national convention insisted on the overthrow of Cannonism and the inauguration of a system by which the United States senators could be elected by direct vote. The democratic party offers itself to the country as an agency through which the complete overthrow and extirpation of corruption, fraud and machine rule in American politics can be effected.

CONCLUSION.

Our platform is one of principles which we believe to be essential to our national welfare. Our pledges are made to be kept when in office as well as relied upon during the campaign, and we invite the co-operation of all citizens, regardless of party, who believe in maintaining unimpaired the institutions and traditions of our country.

PROHIBITION.

Adopted at Atlantic City, N. J., July 11.

The prohibition party in national convention at Atlantic City, N. J., July 10-12, 1912, recognizing God as the source of all governmental authority, makes the following declaration of principles and policies:

1. The alcoholic drink traffic is wrong; is the most serious drain on the wealth and resources of the nation; is detrimental to the general welfare and destructive of the inalienable rights of life, liberty and the pursuit of happiness. All laws taxing or licensing a traffic which produces crime, poverty and political corruption and spreads disease and death should be repealed. To destroy such a traffic there must be elected to power a political party which will administer the government from the standpoint that the alcoholic drink traffic is a crime and not a business, and we pledge that the manufacture, importation, exportation, transportation and sale of alcoholic beverages shall be prohibited.

We favor:

2. Suffrage for women on the same terms as for men.

3. A uniform marriage and divorce law. The extermination of polygamy and the complete suppression of traffic in girls.

4. Absolute protection of the rights of labor, without impairment of the rights of capital.

5. The settlement of all international disputes by arbitration.

6. The abolition of child labor in mines, workshops and factories, with the rigid enforcement of the laws now flagrantly violated.

7. The election of United States senators by direct vote of the people.

8. A presidential term of six years and one term only.

9. Court review of postoffice and other departmental decisions and orders; the extension of the postal savings bank system and of rural delivery and the establishment of an efficient parcels post.

10. The initiative, referendum and recall.

11. As the tariff is a commercial question it should be fixed on the scientific basis of accurate knowledge, secured by means of a permanent, omniscient tariff commission with ample powers.

12. Equitable graduated income and inheritance taxes.

13. Conservation of our forest and mineral reserves and the reclamation of waste lands. All mineral and timber lands and water powers, now owned by the government, should be held perpetually and leased for revenue purposes.

14. Clearly defined laws for the regulation and control of corporations transacting an interstate business.

15. Efficiency and economy in governmental administration.

16. The protection of one day in seven as a day of rest.

To these fundamental principles the national prohibition party renews its long allegiance, and on these issues invites the co-operation of all good citizens, to the end that the true object of government may be attained, namely, equal and exact justice for all.

PROGRESSIVE.

Adopted at Chicago Aug. 7.

The conscience of the people, in a time of grave national problems, has called into being a new party, born of the nation's awakened sense of justice.

We of the progressive party here dedicate ourselves to the fulfillment of the duty laid upon us by our fathers to maintain that government of the people, by the people and for the people whose foundations they laid.

We hold with Thomas Jefferson and Abraham Lincoln that the people are the masters of their constitution to fulfill its purposes and to safeguard it from those who, by perversion of its intent, would convert it into an instrument of injustice. In accordance with the needs of each generation the people must use their sovereign power to establish and maintain equal opportunity and industrial justice, to secure which this government was founded and without which no republic can endure.

This country belongs to the people who inhabit it. Its resources, its business, its institutions and its laws should be utilized, maintained or altered in whatever manner will best promote the general interest. It is time to set the public welfare in the first place.

THE OLD PARTIES.

Political parties exist to secure responsible government and to execute the will of the people. From these great tasks both of the old parties have turned aside. Instead of instruments to promote the general welfare they have become the tools of corrupt interests which use them impartially to serve their selfish purposes.

Behind the ostensible government sits enthroned an invisible government, owing no allegiance and acknowledging no responsibility to the people. To destroy this invisible government, to dissolve the unholy alliance between corrupt business and corrupt politics is the first task of the statesmanship of the day.

The deliberate betrayal of its trust by the republican party and the fatal incapacity of the democratic party to deal with the new issues of the new time have compelled the people to forge a new instrument of government through which to give effect to their will in laws and institutions. Unhindered by tradition, uncorrupted by power, undismayed by the magnitude of the task, the new

party offers itself as the instrument of the people to sweep away old abuses, to build a new and nobler commonwealth.

This declaration is our covenant with the people and we hereby bind the party and its candidates in state and nation to the pledges made herein.

THE RULE OF THE PEOPLE.

The national progressive party, committed to the principle of government by a self-controlled democracy expressing its will through representatives of the people, pledges itself to secure such alterations in the fundamental law of the several states and of the United States as shall insure the representative character of the government.

In particular the party declares for direct primaries for the nomination of state and national officers, for nationwide preferential primaries for candidates for the presidency, for the direct election of United States senators by the people, and we urge on the states the policy of the short ballot, with responsibility to the people secured by the initiative, referendum and recall.

AMENDMENT OF CONSTITUTION.

The progressive party, believing that a free people should have the power from time to time to amend their fundamental law so as to adapt it progressively to the changing needs of the people, pledges itself to provide a more easy and expeditious method of amending the federal constitution.

NATION AND STATE.

Up to the limit of the constitution and later by amendment of the constitution if found necessary we advocate bringing under effective national jurisdiction those problems which have expanded beyond reach of the individual states.

It is as grotesque as it is intolerable that the several states should by unequal laws in matters of common concern become competing commercial agencies, barter the lives of their children, the health of their women and the safety and well-being of their working people for the profit of their financial interests.

The extreme insistence on state's rights by the democratic party in the Baltimore platform demonstrates anew its inability to understand the world into which it has survived or to administer the affairs of a union of states which have in all essential respects become one people.

EQUAL SUFFRAGE.

The progressive party, believing that no people can justly claim to be a true democracy which denies political rights on account of sex, pledges itself to the task of securing equal suffrage to men and women alike.

CORRUPT PRACTICES.

We pledge our party to legislation that will compel strict limitation of all campaign contributions and expenditures, and detailed publicity of both before as well as after primaries and elections.

We pledge our party to legislation compelling the registration of lobbyists; publicity of committee hearings except on foreign affairs and recording of all votes in committee, and forbidding federal appointees from holding office in state or national political organizations or taking part as officers or delegates in political conventions for the nomination of elective state or national officials.

THE COURTS.

The progressive party demands such restriction of the power of the courts as shall leave to the people the ultimate authority to determine fundamental questions of social welfare and public policy. To secure this end it pledges itself to provide:

(1) That when an act, passed under the police power of the state, is held unconstitutional under the state constitution by the courts, the people, after an ample interval for deliberation, shall have an opportunity to vote on the question whether they desire the act to become law notwithstanding such decision.

(2) That every decision of the highest appellate court of a state declaring an act of the legislature unconstitutional on the ground of its violation of the federal constitution shall be subject to the same review by the Supreme court of the United States as is now accorded to decisions sustaining such legislation.

ADMINISTRATION OF JUSTICE.

The progressive party, in order to secure to the people a better administration of justice and by that means to bring about a more general respect for the law and the courts, pledges itself to work unceasingly for the reform of legal procedure and judicial methods.

We believe that the issuance of injunctions in cases arising out of labor disputes should be prohibited when such injunctions would not apply when no labor disputes existed.

We also believe that a person cited for contempt in labor disputes, except when such contempt was committed in the actual presence of the court or so near thereto as to interfere with the proper administration of justice, should have a right to trial by jury.

SOCIAL AND INDUSTRIAL JUSTICE.

The supreme duty of the nation is the conservation of human resources through an enlarged measure of social and industrial justice. We pledge ourselves to work unceasingly in state and nation for:

Effective legislation looking to the prevention of industrial accidents, occupational diseases, overwork, involuntary unemployment and other injurious effects incident to modern industry.

The fixing of minimum safety and health standards for the various occupations and the exercise of the public authority of state and nation, including the federal control over interstate commerce and the taxing power, to maintain such standards.

The prohibition of child labor.

Minimum wage standards for working women, to provide a 'living wage' in all industrial occupations.

The general prohibition of night work for women and the establishment of an eight hour day for women and young persons.

One day's rest in seven for all wage workers.

The eight hour day in continuous twenty four hour industries.

The abolition of the convict contract labor system, substituting a system of prison production for governmental consumption only, and the application of prisoners' earnings to the support of their dependent families.

Publicity as to wages, hours and conditions of labor; full reports upon industrial accidents and diseases and the opening to public inspection of all tallies, weights, measures and check systems on labor products.

Standards of compensation for death by industrial accident and injury and trade disease which will transfer the burden of lost earnings from the families of working people to the industry and thus to the community.

The protection of home life against the hazards of sickness, irregular employment and old age through the adoption of a system of social insurance adapted to American use.

The development of the creative labor power of America by lifting the last load of illiteracy from American youth and establishing continuation schools for industrial education under public control and encouraging agricultural education and demonstration in rural schools.

The establishment of industrial research laboratories to put the methods and discoveries of science at the service of American producers.

We favor the organization of the workers, men and women, as a means of protecting their interests and of promoting their progress.

DEPARTMENT OF LABOR.

We pledge the party to establish a department of labor with a seat in the cabinet and with wide jurisdiction over matters affecting the conditions of labor and living.

COUNTRY LIFE.

The development and prosperity of country life are as important to the people who live in the cities as they are to the farmers. Increase of prosperity on the farm will favorably affect the cost of living and promote the interests of all who dwell in the country and all who depend upon its products for clothing, shelter and food.

We pledge our party to foster the development of agricultural credit and co-operation, the teaching of agriculture in schools, agricultural college ex-

tension, the use of mechanical power on the farm and to re-establish the country life commission, thus directly promoting the welfare of the farmers and bringing the benefits of better farming, better business and better living within their reach.

HIGH COST OF LIVING.

The high cost of living is due partly to world-wide and partly to local causes; partly to natural and partly to artificial causes. The measures proposed in this platform on various subjects, such as the tariff, the trusts and conservation, will of themselves remove the artificial causes. There will remain other elements, such as the tendency to leave the country for the city, waste, extravagance, bad system of taxation, poor methods of raising crops and bad business methods in marketing crops. To remedy these conditions requires the fullest information and, based on this information, effective government supervision and control to remove all the artificial causes. We pledge ourselves to such full and immediate inquiry and to immediate action to deal with every need such inquiry discloses.

HEALTH.

We favor the union of all the existing agencies of the federal government dealing with the public health into a single national health service without discrimination against or for any one set of therapeutic methods, school of medicine or school of healing, with such additional powers as may be necessary to enable it to perform efficiently such duties in the protection of the public from preventable diseases as may be properly undertaken by the federal authorities, including the execution of existing laws regarding pure food, quarantine and cognate subjects; the promotion of vital statistics and the extension of the registration area of such statistics, and co-operation with the health activities of the various states and cities of the nation.

TRUST REGULATIONS.

We believe that true popular government, justice and prosperity go hand in hand, and, so believing, it is our purpose to secure that large measure of general prosperity which is the fruit of legitimate and honest business, fostered by equal justice and by sound progressive laws.

We demand that the test of true prosperity shall be the benefits conferred thereby on all the citizens, not confined to individuals or classes, and that the test of corporate efficiency shall be the ability better to serve the public; that those who profit by the control of business affairs shall justify that profit and that control by sharing with the public the fruits thereof.

We therefore demand a strong national regulation of interstate corporations. The corporation is an essential part of modern business. The concentration of modern business in some degree is both inevitable and necessary for national and international business efficiency. But the existing concentration of vast wealth under a corporate system, unregulated and uncontrolled by the nation, has placed in the hands of a few men enormous, secret, irresponsible power over the daily life of the citizen—a power insufferable in a free government and certain of abuse.

This power has been abused in monopoly of national resources, in stock watering, in unfair competition and unfair privileges and finally in sinister influences on the public agencies of state and nation. We do not fear commercial power, but we insist that it shall be exercised openly, under publicity, supervision and regulation of the most efficient sort, which will preserve its good while eradicating and preventing its evils.

To that end we urge the establishment of a strong federal administrative commission of high standing, which shall maintain permanent active supervision over industrial corporations engaged in interstate commerce, or such of them as are of public importance, doing for them what the government now does for the national banks and what is now done for the railroads by the interstate commerce commission. Such a commission must enforce the complete publicity of those corporate transactions which are of public interest; must attack unfair competition, false capitalization and special privilege, and by continuous trained watchfulness guard and keep open equally to all the highways of American commerce.

Thus the business man will have certain knowledge of the law and will be able to conduct his business easily in conformity therewith, the investor will find security for his capital, dividends will be rendered more certain and the savings of the people will be drawn naturally and safely into the channels of trade.

Under such a system of constructive regulation legitimate business, freed from confusion, uncertainty and fruitless litigation, will develop normally in response to the energy and enterprise of the American business man.

PATENTS.

We pledge ourselves to the enactment of a patent law which will make it impossible for patents to be supposed or used against the public welfare in the interests of injurious monopolies.

INTERSTATE COMMERCE COMMISSION.

We pledge our party to secure to the Interstate commerce commission the power to value the physical property of railroads. In order that the power of the commission to protect the people may not be impaired or destroyed we demand the abolition of the Commerce court.

CURRENCY.

We believe there exists imperative need for prompt legislation for the improvement of our national currency system. We believe the present method of issuing notes through private agencies is harmful and unscientific. The issue of currency is fundamentally a government function and the system should have as basic principles soundness and elasticity. The control should be lodged with the government and should be protected from domination or manipulation by Wall street or any special interests.

We are opposed to the so called Aldrich currency bill because its provisions would place our currency and credit system in private banks, not subject to effective public control.

COMMERCIAL DEVELOPMENT.

The time has come when the federal government should co-operate with manufacturers and producers in extending our foreign commerce. To this end we demand adequate appropriations by congress and the appointment of diplomatic and consular officers solely with a view to their special fitness and worth and not in consideration of political expediency.

It is imperative to the welfare of our people that we enlarge and extend our foreign commerce. We are pre-eminently fitted to do this because as a people we have developed high skill in the art of manufacturing. Our business men are strong executives, strong organizers. In every way possible our federal government should co-operate in this important matter.

Any one who has had opportunity to study and observe first hand Germany's course in this respect must realize that their policy of co-operation between government and business has in a comparatively few years made them the leading competitors for the commerce of the world.

It should be remembered that they are doing this on a national scale and with large units of business, while the democrats would have us believe that we should do it with small units of business, which would be controlled not by the national government but by forty-eight conflicting state sovereignties.

Such a policy is utterly out of keeping with the progress of the times and gives our great commercial rivals in Europe—hungry for international markets—golden opportunities of which they are rapidly taking advantage.

CONSERVATION.

The natural resources of the nation must be promptly developed and generously used to supply the people's needs, but we cannot safely allow them to be wasted, exploited, monopolized or controlled against the general good. We heartily favor the policy of conservation and we pledge our party to protect the national forests without hindering their legitimate use for the benefit of all the people. Agricultural lands in the national forests are and should remain open to the genuine settler. Conservation will not retard legitimate development. The honest settler must receive his patent promptly without hindrance, rules or delays,

We believe that the remaining forests, coal and oil lands, water powers and other natural resources still in state or national control (except agricultural lands) are more likely to be wisely conserved and utilized for the general welfare if held in the public hands. In order that consumers and producers, managers and workmen, now and hereafter, need not pay toll to private monopolies of power and raw material, we demand that such resources shall be retained by the state or nation and opened to immediate use under laws which will encourage development and make to the people a moderate return for benefits conferred.

In particular we pledge our party to require reasonable compensation to the public for water power rights hereafter granted by the public. We pledge legislation to lease to the public grazing lands under equitable provisions now pending which will increase the production of food for the people and thoroughly safeguard the rights of the actual homemaker. Natural resources whose conservation is necessary for the national welfare should be owned or controlled by the state.

GOOD ROADS.

We recognize the vital importance of good roads and we pledge our party to foster their extension in every proper way and we favor the early construction of national highways. We also favor the extension of the rural free delivery service.

ALASKA.

The coal and other natural resources of Alaska should be opened to development at once. They are owned by the people of the United States and are safe from monopoly, waste or destruction only while so owned. We demand that they shall neither be sold nor given away except under the homestead law, but while held in government ownership shall be opened to use promptly upon liberal terms requiring immediate development.

Thus the benefit of cheap fuel will accrue to the government of the United States and to the people of Alaska and the Pacific coast; the settlement of extensive agricultural land will be hastened; the extermination of the salmon will be prevented and the just and wise development of Alaskan resources will take the place of private extortion or monopoly. We demand also that extortion or monopoly in transportation shall be prevented by the prompt acquisition, construction or improvement by the government of such railroads, harbor and other facilities for transportation as the welfare of the people may demand.

We promise the people of the territory of Alaska the same measure of local self-government that was given to other American territories and that federal officials appointed there shall be qualified by previous bona fide residence in the territory.

WATERWAYS.

The rivers of the United States are the natural arteries of this continent. We demand that they shall be opened to traffic as indispensable parts of a great nationwide system of transportation, in which the Panama canal will be the central link, thus enabling the whole interior of the United States to share with the Atlantic and Pacific seaboard in the benefit derived from the canal. It is a national obligation to develop our rivers, and especially the Mississippi and its tributaries, without delay, under a comprehensive general plan governing each river system from its source to its mouth, designed to secure its highest usefulness for navigation, irrigation, domestic supply, water power and the prevention of floods.

We pledge our party to the immediate preparation of such a plan, which should be made and carried out in close and friendly co-operation between the nation, the states and the cities affected. Under such a plan the destructive floods of the Mississippi and other streams, which represent a vast and needless loss to the nation, would be controlled by forest conservation, and by water storage at the headwaters and by levees, berms and dikes, to supply millions of people would be reclaimed from the deserts and the swamps, water power enough to transform the industrial standings of whole states would be developed, adequate water terminals would be provided, transportation by river would revive and the railroads would be compelled to co-operate as freely with the boat lines as with each other.

The equipment, organization and experience acquired in constructing the Panama canal soon will be available for the lakes-to-the-gulf deep waterway and other portions of this great work and should be utilized by the nation in co-operation with the various states, at the lowest net cost to the people.

PANAMA CANAL.

The Panama canal built and paid for by the American people, must be used primarily for their benefit. We demand that the canal shall be so operated as to break the transportation monopoly now held and misused by the transcontinental railroads by maintaining sea competition with them; that ships directly or indirectly owned or controlled by American railroad corporations shall not be permitted to use the canal and that American ships engaged in coastwise trade shall pay no tolls.

The progressive party will favor legislation having for its aim the development of the friendship and commerce between the United States and Latin-American nations.

TARIFF.

We believe in a protective tariff which shall equalize conditions of competition between the United States and foreign countries, both for the farmer and the manufacturer, and which shall maintain for labor an adequate standard of living. Primarily the benefit of any tariff should be disclosed in the pay envelope of the laborer. We declare that no industry deserves protection which is unfair to labor or which is operating in violation of federal law. We believe that the presumption is always in favor of the consuming public.

We demand tariff revision because the present tariff is unjust to the people of the United States. Fair dealing toward the people requires an immediate downward revision of those schedules wherein duties are shown to be unjust or excessive.

We pledge ourselves to the establishment of a non-partisan scientific tariff commission, reporting both to the president and to either branch of congress, which shall report, first, as to the costs of production, efficiency of labor, capitalization, industrial organization and efficiency and the general competitive position in this country and abroad of industries seeking protection from congress; second, as to the revenue producing power of the tariff and its relation to the resources of government; and, thirdly, as to the effect of the tariff on prices, operations of middlemen and on the purchasing power of the consumer. We believe that this commission should have plenary power to elicit information and for this purpose to prescribe a uniform system of accounting for the great protected industries. The work of the commission should not prevent the immediate adoption of acts reducing those schedules generally recognized as excessive.

We condemn the Payne-Aldrich bill as unjust to the people. The republican organization is in the hands of those who have broken, and cannot again be trusted to keep, the promise of necessary downward revision. The democratic party is committed to the destruction of the protective system through a tariff for revenue only—a policy which would inevitably produce widespread industrial and commercial disaster. We demand the immediate repeal of the Canadian reciprocity act.

INHERITANCE AND INCOME TAX.

We believe in a graduated inheritance tax as a national means of equalizing the obligations of holders of property to government, and we hereby pledge our party to enact such a federal law as will tax lands and inheritance, returning to the states an equitable percentage of all amounts collected. We favor the ratification of the pending amendment to the constitution giving the government power to levy an income tax.

PEACE AND NATIONAL DEFENSE.

The progressive party deplores the survival in our civilization of the barbaric system of warfare among nations, with its enormous waste of resources even in time of peace, and the consequent impoverishment of the life of the toiling masses. We pledge the party to use its best endeavors to substitute judicial and other peaceful means of settling international differences.

We favor an international agreement for the limitation of naval forces. Pending such an agree-

ment, and as the best means of preserving peace, we pledge ourselves to maintain for the present the policy of building two battle ships a year.

We pledge our party to protect the rights of American citizenship at home and abroad. No treaty should receive the sanction of our government which discriminates between American citizens because of birthplace, race or religion, or that does not recognize the absolute right of expatriation.

THE IMMIGRANT.

Through the establishment of industrial standards we propose to secure to the able bodied immigrant and to his native fellow workers a larger share of American opportunity.

We denounce the fatal policy of indifference and neglect which has left our enormous immigrant population to become the prey of chance and cupidity. We favor governmental action to encourage the distribution of immigrants away from the congested cities, rigidly to supervise all private agencies dealing with them and to promote their assimilation, education and advancement.

PENSIONS.

We pledge ourselves to a wise and just policy of pensioning American soldiers and sailors and their widows and children by the federal government.

We approve the policy of the southern states in granting pensions to the ex-confederate soldiers and sailors and their widows and children.

PARCELS POST.

We pledge our party to the immediate creation of a parcels post, with rates proportionate to distance and service.

CIVIL SERVICE.

We condemn the violations of the civil service law under the present administration, including the coercion and assessment of subordinate employees and the president's refusal to punish such violation after a finding of guilty by his own commission; his distribution of patronage among subversive congressmen, while withholding it from those who refuse support of administration measures; his withdrawal of nominations from the senate until political support for himself was secured, and his open use of the offices to reward those who voted for his renomination.

To eradicate these abuses we demand not only the enforcement of the civil service act in letter and spirit, but also legislation which will bring under the competitive system postmasters, collectors, marshals and all other nonpolitical officers, as well as the enactment of an equitable retirement law, and we also insist upon continuous service during good behavior and efficiency.

We pledge our party to readjustment of the business methods of the national government and a proper co-ordination of the federal bureaus, which will increase the economy and efficiency of the government service, prevent duplications and secure better results to the taxpayers for every dollar expended.

SUPERVISION OVER INVESTMENTS.

The people of the United States are swindled out of many millions of dollars every year through worthless investments. The plain people, the wage earner and the men and women with small savings, have no way of knowing the merit of concerns sending out highly colored prospectuses offering stock for sale, prospectuses that make big returns seem certain and fortunes easily within grasp.

We hold it to be the duty of the government to protect its people from this kind of piracy. We therefore demand wise, carefully thought out legislation that will give us such governmental supervision over this matter as will furnish to the people of the United States this much needed protection, and we pledge ourselves thereto.

CONCLUSION.

On these principles and on the recognized desirability of uniting the progressive forces of the nation into an organization which shall unequivocally represent the progressive spirit and policy, we appeal for the support of all American citizens, without regard to previous political affiliations.

POPULIST.

Adopted at St. Louis, Mo., Aug. 13.

The populist money platform, adopted at Omaha in 1892, is reaffirmed by the declaration, "The quantitative theory of money as declared in our Omaha platform is now universally conceded." Other planks in the new platform demand:

Issuance of money by the government direct to the people.

Loans by the government to the people.

Government ownership of telegraph and telephone systems and the parcels post.

The initiative, the referendum, direct election of United States senators, direct primaries, presidential primaries and equal suffrage.

Registration of lobbyists.

Graduated income and inheritance tax.

Free schools in the lines of manual and occupational training.

Recognition of the Chinese republic.

Old age pensions.

The commission form of government for cities.

Granting of franchises to public utility corporations by popular vote.

NEWSPAPERS OF THE UNITED STATES (1912).

[From Ayer's American Newspaper Annual.]

State or ter.	Daily.	Wkly.	Total.*	State or ter.	Daily.	Wkly.	Total.*	State or ter.	Daily.	Wkly.	Total.*
Alabama	27	201	256	Maryland	16	117	180	Porto Rico	11	6	22
Alaska	11	14	25	Massachusetts..	85	374	656	Rhode Island...	12	26	53
Arizona	16	48	69	Michigan	83	535	738	South Carolina..	14	120	177
Arkansas	34	248	303	Minnesota	38	636	745	South Dakota...	20	415	454
California	161	502	816	Mississippi	14	214	256	Tennessee	17	227	310
Colorado	47	306	397	Missouri	82	555	637	Texas	96	823	1,010
Connecticut ..	35	89	154	Montana	17	135	168	Utah	6	69	87
Delaware	3	27	35	Nebraska	30	539	625	Vermont	10	83	101
Dist. Columbia.	7	22	77	Nevada	11	34	48	Virginia	35	167	256
Florida	19	144	176	New Hampshire	11	83	111	Washington	36	296	382
Georgia	28	269	374	New Jersey	50	280	371	West Virginia..	30	172	221
Hawaii	7	15	35	New Mexico	6	115	126	Wisconsin	63	531	678
Idaho	10	128	152	New York	204	1,066	2,020	Wyoming	5	61	76
Illinois	170	1,073	1,766	North Carolina.	31	203	299				
Indiana	158	525	787	North Dakota...	12	330	348	Total in 1912..	2,459	16,229	22,837
Iowa	66	773	959	Ohio	174	726	1,162	Total in 1911..	2,472	16,269	23,806
Kansas	67	628	732	Oklahoma	51	559	633	Canada (1912)...	151	1,029	1,508
Kentucky	31	231	331	Oregon	22	200	273				
Louisiana	19	171	223	Pennsylvania ..	215	847	1,414	*Includes newspapers and periodicals of all issues.			
Maine	13	95	137	Philippines ..	12	4	37				

EQUITABLE LIFE BUILDING BURNED.

The nine story building of the Equitable Life Assurance society in lower Broadway, New York, N. Y., was destroyed by fire early on the morning of Jan. 9, 1912. Six lives were lost, the victims

being watchmen employed by the company and a fireman. The property loss was estimated at \$6,000,000. A number of valuable records and two libraries were destroyed.

ARCTIC AND ANTARCTIC EXPLORATION.

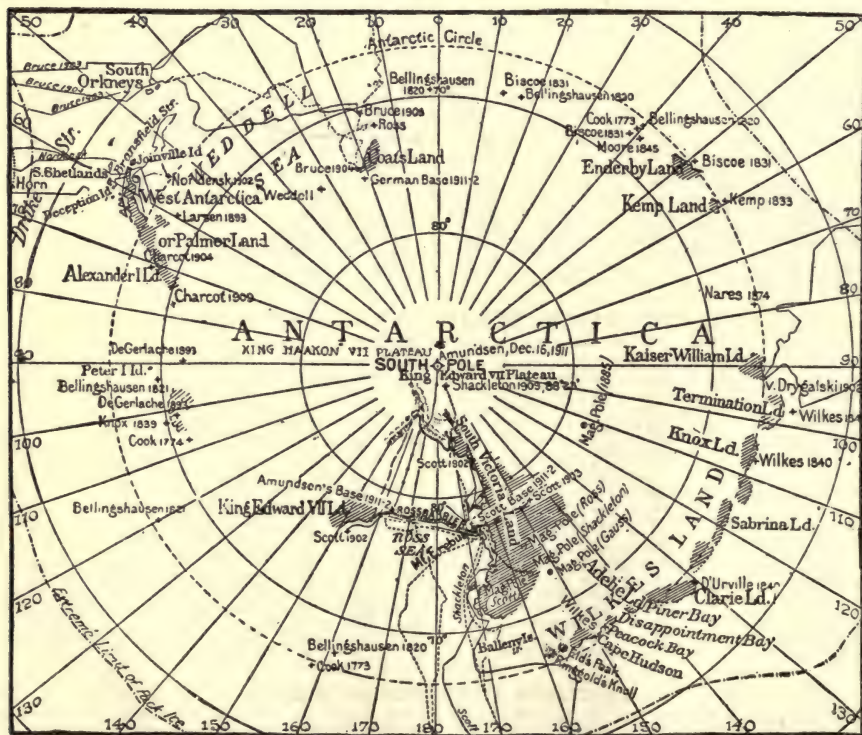
ROALD AMUNDSEN REACHES SOUTH POLE.

Capt. Roald Amundsen, discoverer of the north-west passage, reached the south pole Dec. 16, 1911. This fact was announced to the world in a cable dispatch dated at Hobart, Tasmania, March 7, 1912, and addressed to Leon Amundsen in Christiania, Norway. The expedition left Norway in August, 1910, on the arctic steamer Fram, for oceanographic work on the Atlantic coast of America. The original plan was to proceed to San Francisco and ultimately to the Arctic ocean via Bering strait. Circumstances caused Capt. Amundsen to change his mind and instead of going to the northern seas he steered for the south. The Fram arrived at the barrier ice in the Antarctic ocean Jan. 14, 1911, and the following day he determined to establish his headquarters on the ice a little to the west of Edward VII. land, at a point where there was a large indentation in the ice wall. A house was erected on top of the barrier, 150 feet above the surface of the bay. Amundsen named it "Framheim" (home of the Fram). It stood in 164 degrees west longitude, 78 degrees 40 minutes south latitude.

In February food depots were established at 80, 81 and 82 degrees south latitude. Enough seal meat was stored at these places to feed the men and the 110 dogs of the expedition as long as might be necessary. During the antarctic winter, lasting from April until October, the time was spent in reconstructing the sledges, taking observations and doing other scientific work. Sept. 8, 1911, a start toward the south was made with eight men, seven sledges, ninety dogs and provisions for four months. It was

soon found that it was too early for traveling, as the dogs could not stand the low temperature, and the party returned to the base.

Oct. 20 a second start was made, the party this time consisting of five men, four sledges, fifty-two dogs and provisions for four months. The depot at 80 degrees south was reached on the 23d and the one at 81 degrees on the 26th. Snow cairns were built to serve as landmarks on the return journey. The depot at 82 degrees was reached Nov. 5 and after a halt of three days to rest and feed the dogs the march was resumed at the rate of about thirty miles a day. The going was excellent and the temperature even. Nov. 9 the party reached 83 degrees, on the 13th it reached 84 degrees and on the 15th 85 degrees, where it was found that the land and the ice barrier were connected. Here a large depot was established, provisions for thirty days being left. The sledges were loaded with food to last for sixty days. At this point mountains, glaciers and crevices were encountered and the going became difficult both for the men and the dogs, but on the fourth day the great inland plateau was reached, the party camping at a height of 10,000 feet above sea level. Here twenty-four of the dogs were killed, leaving eighteen for three sledges, one sledge being left behind. Nov. 30 and Dec. 1 the party crossed what Capt. Amundsen named the Devil's glacier. At its foot, at 86 degrees 21 minutes, a depot for six days was established. After leaving the glacier the explorers encountered a sort of frozen sea of polished ice, which was crossed with difficulty. Dec. 6 the highest point attained on the march—10,750 feet—at 87



MAP SHOWING CAPT. AMUNDSEN'S ROUTE TO THE SOUTH POLE.

degrees 40 minutes south, was passed. Two days later the party reached 88 degrees 23 minutes, and Dec. 9 had exceeded Lieut. Shackleton's farthest south by 14 minutes of latitude. The plateau sloped down toward the south and rapid progress was made, with good weather and walking.

Dec. 13 the observations indicated that 89 degrees 45 minutes had been reached and on the following day the Norwegian colors were planted at what was believed to be the south pole. Observations carefully taken Dec. 15 showed that the point was at 89 degrees 55 minutes south latitude and Dec. 16 the party went the remaining nine kilometers (5.6 miles) and camped at 90 degrees south, or at the south pole. The sunshine was brilliant and a complete round of observations was taken with a sextant and artificial horizon. A little tent was fastened to the ground with a Norwegian flag and a Fram pennant on top of it. The return trip was begun Dec. 17 and the winter headquarters were reached Jan. 25, 1912, with all well. Eleven dogs and two sledges were brought back.

Capt. Amundsen's companions on the eventful voyage were Holmer Hansen, Oscar Wisting, Sverre



CAPT. AMUNDSEN'S SHIP, FRAM.

Hassel and Olaf Bjaaand. The discoveries made on the trip included a range of mountains, called by the explorer the Queen Maud range; Axel Heiberg glacier, Fridtjof Nansen peak, Don Pedro Christopherson peak and Mount Ole Engelstad. These mountains were between 13,500 and 15,000 feet high. The plateau at the pole was named King Haakon VII. plateau. The distance marched each way was about 1,400 kilometers (863 miles). On the outward trip the daily average march was 25 kilometers (15.5 miles); on the return trip the daily average speed was 36 kilometers (22.3 miles).

The expedition left the Bay of Whales in the Fram Jan. 30 and arrived at Hobart, Tasmania. March 7. Capt. Amundsen and his crew after a brief rest resumed their voyage to the north, the former to lecture in South American and other countries on the expedition and to prepare for his proposed journey to the north pole. April 16 the Norwegian storting granted \$35,000 for this expedition, which may be undertaken in 1913, in accordance with the plans made in 1910.

THE SCOTT EXPEDITION.

Under date of Jan. 3, 1912, word was received in April from Capt. Robert F. Scott of the British antarctic expedition, the message having been conveyed to civilization by his ship, the Terra Nova. At the time mentioned he was 87 degrees 32 minutes south, or within about 150 miles of the pole. He was then going forward with a party of five men, consisting of Dr. E. A. Wilson, zoologist and chief of the scientific staff; Lieut. E. R. G. B. Evans, R. N.; Lieut. H. R. Bowers, surveyor; Capt. Oates of the Inneskillen dragons, and himself. They had a month's provisions and the prospects of reaching the pole were then good. The report from Capt. Scott made no mention of Capt. Amundsen's expedition and it was evident that he was in total ignorance of his rival's success in attaining the pole Dec. 16, or a month earlier than the British expedition could get there. The Scott party seemed to have had a much harder time in its journey than Amundsen and his companions had on their more easterly route. Ponies as well as dogs were used and some of the former were shot for food for the dogs. A motor sledge was also found useful and was employed in carrying various members of the expedition on their exploring trips in the vicinity of the base camp. Bituminous coal, marble and topaz, fossils and thousands of wingless insects were found. It was not expected that further news from the expedition would be received before March or April, 1913.

The Scott antarctic expedition left New Zealand Nov. 29, 1910, on the Terra Nova. The ship returned in March, 1911, and in April, 1912, going back to the headquarters at Cape Evans in November, 1912.

MIKKELSEN EXPEDITION.

Capt. Einar Mikkelsen, the Danish arctic explorer, who was thought to have perished with his only companion, Engineer Severson while on an expedition to recover the Erichsen records on the east coast of Greenland, was rescued in July, 1912, by a Norwegian ship and brought to Aalesund, Norway, arriving there July 29. Capt. Mikkelsen reached the Erichsen cairn at 80:25 north latitude in May, 1910, and recovered the records there. Erichsen had left this place Sept. 12, 1907, in good shape for his return journey toward the south. Some other depots were found by Capt. Mikkelsen, but no further trace of Erichsen himself. Mikkelsen had to abandon his plan of crossing the north end of Greenland and proceeding down the west coast. He and his companion had many narrow escapes from starvation and suffered greatly from scurvy and the severe weather. They pulled through, however, and saved their diaries, which on one occasion they had to abandon. The winter of 1910-1911 was spent at Winter harbor and that of 1911-1912 on Bass Rock island, on the east coast.

AUSTRALIAN ANTARCTIC EXPEDITION.

The ship Aurora, which took Dr. Douglas Mawson's antarctic expedition to Adelle land in the fall of 1911, returned to Hobart, Tasmania, March 12, 1912. The expedition found Termination land, discovered in early days by Wilkes, and chartered numerous small islands along the great ice barrier. Claire land, said to have been discovered in 1838, was proved to be a myth. Dr. Mawson sent back a letter in which he described the southern magnetic pole as a force center which moves around daily within a circular area, the diameter of which is variable and uncertain. The whole area it had traveled in sixty-nine years, he said, was 240 miles. The Mawson expedition is expected to return to Australia in the spring of 1913.

ANDERSON-STEFANSSON EXPEDITION.

In January, 1912, word was received from the Anderson-Stefansson expedition, which for about three years had been engaged in exploration work in the arctic regions for the American Museum of Natural History, that it had practically completed its mission. It was then in the neighborhood of Coronation gulf and Victoria land, north of British America. In May, 1911, Stefansson found a race of natives with light eyebrows and reddish beards, who were more like people from the north

of Europe than Eskimos. One of the Alaskan Eskimos called them "fo'c'sle men." One or two other new tribes, never before visited by white men, were found in the vicinity of Victoria land.

CROCKER LAND EXPEDITION.

Owing to the death of George Borup by drowning in Long Island sound April 23, 1912, the expedition planned by him and Prof. D. B. Macmillan, having for its objective Crocker land, had to be postponed until 1913. It had been practically arranged to start in June, 1912, in the arctic steamer Roosevelt, with the purpose of establishing a base west of Cape Columbia, whence the journey to Crocker land could be made by sledge. The original plans will be carried out by Prof. Macmillan, according to an announcement made in 1912.

JAPANESE ANTARCTIC EXPEDITION.

The Japanese antarctic expedition under Lieut. Shirase left Yokohama in the 150 ton schooner Kainan Maru Nov. 28, 1910. The equipment was inadequate and the ship returned to Sydney, N. S. W., May 1, 1911, having been unable to penetrate the ice along Victoria land. Nov. 10, after repairs had been made on the schooner and its equipment had been improved, the expedition made a second start for the south. This time it reached the Bay of Whales and a landing was made on the barrier, near the headquarters of the Amundsen expedition.

The time was spent chiefly in coastal exploring on King Edward land. June 20, 1912, the Kainan Maru arrived at Yokohama, Japan, with all the members of the expedition in good health.

THE POLAR RECORD.

ARCTIC.		Deg.	Min.
Year.	Explorer.		
1871	Capt. Hall.....	72	15
1876	Capt. Nares.....	82	10
1879	Lieut. De Long.....	77	15
1882	Lieut. Greely.....	83	24
1890	Lieut. Peary.....	83	50
1891	Lieut. Peary.....	83	24
1895	Fridtjof Nansen.....	86	14
1900	Duke d'Abruzzi.....	86	33
1902	Lieut. Peary.....	84	17
1904	Anthony Fiala.....	83	13
1906	Commander Peary.....	87	5
1909	Commander Peary.....	90	(Pole)
ANTARCTIC.			
1774	Capt. Cook.....	71	15
1823	Capt. Weddell.....	74	15
1842	Capt. Ross.....	77	49
1895	Borchgrevink.....	74	10
1898	De Gerlache.....	71	36
1900	Borchgrevink.....	78	50
1902	Capt. Scott.....	82	17
1909	Lieut. Shackleton.....	88	23
1911	Roald Amundsen.....	90	(Pole)

PRINCIPAL SEAPORTS OF THE WORLD.

Vessel tonnage movement in the foreign trade at the principal ports of the world. From reports compiled by the bureau of statistics, department of commerce and labor, Washington, D. C.

Port.	Year.	Entered.	Cleared.
Aden, Arabia.....	1910	3,187,479	3,200,168
Alexandria, Egypt.....	1910	3,319,515	3,344,640
Antwerp, Belgium.....	1910	12,654,318	12,265,165
Baltimore, Md.....	1911	1,279,487	1,283,822
Barcelona, Spain.....	1909	2,502,033	1,661,858
Bilbao, Spain.....	1909	2,036,785	2,212,636
Bombay, India.....	1910	1,962,528	1,598,713
Bordeaux, France.....	1909	1,955,276	2,084,861
Boston, Mass.....	1911	2,836,611	1,839,682
Bremen, Germany.....	1910	1,258,907	1,209,137
Bremerhaven, Germany.....	1910	1,585,334	1,572,758
Buenos Aires, Argentina.....	1908	5,981,477	6,079,863
Calcutta, India.....	1911	2,970,632	1,742,548
Cape Town, U. of S. Africa.....	1910	2,746,146	1,457,419
Cardiff, Wales.....	1910	5,523,895	8,562,764
Colombo, Ceylon.....	1910	6,937,361	6,919,960
Constantinople, Turkey.....	1910	16,215,459	.....
Copenhagen, Denmark.....	1909	3,085,000	3,174,000
Dunkirk, France.....	1909	2,027,483	2,026,795
Fremantle, Australia.....	1910	775,324	614,328
Galveston, Tex.....	1911	830,272	1,049,787
Genoa, Italy.....	1909	4,908,474	4,092,148
Gibraltar.....	1910	5,482,559	5,457,659
Glasgow, Scotland.....	1910	2,037,332	3,282,887
Hamburg, Germany.....	1910	11,417,773	11,583,211
Havana, Cuba.....	1910	2,806,720	2,815,195
Havre, France.....	1909	3,947,402	4,070,467
Hongkong (Victoria).....	1910	10,489,203	10,477,301
Hull, England.....	1910	3,749,882	3,477,484

*Total entered and cleared.

Port.	Year.	Entered.	Cleared.
Kobe, Japan.....	1910	5,608,837	5,584,231
Liverpool, England.....	1910	7,588,653	6,997,512
London, England.....	1909	12,154,162	8,999,635
Marseilles, France.....	1909	7,775,411	7,977,386
Melbourne, Australia.....	1910	591,250	381,100
Moji, Japan.....	1910	4,131,787	4,151,244
Montreal, Canada.....	1911	1,661,870	1,609,337
Nagasaki, Japan.....	1910	2,431,372	2,405,390
Naples, Italy.....	1909	3,371,336	3,377,863
New Orleans, La.....	1911	2,019,067	2,249,893
New York, N. Y.....	1911	13,428,950	13,366,893
Nikolalev, Russia.....	1909	1,028,000	1,012,000
Odessa, Russia.....	1909	1,289,000	1,211,000
Philadelphia, Pa.....	1911	2,672,883	2,327,119
Puget Sound, Wash.....	1911	2,106,599	2,272,562
Riga, Russia.....	1909	1,558,000	1,597,000
Rio de Janeiro, Brazil.....	1909	4,232,893	4,297,799
Rotterdam, Holland.....	1910	10,449,843	10,490,409
St. Petersburg, Russia.....	1909	1,866,000	1,874,000
San Francisco, Cal.....	1911	987,374	1,138,009
Santos, Brazil.....	1909	2,983,879	2,990,307
Shanghai, China.....	1910	9,198,490	9,459,584
Singapore, Straits Sts.....	1910	7,407,143	7,419,373
Sydney, Australia.....	1910	869,883	908,278
Tampico, Mexico.....	1910	1,259,846	1,258,094
Tyne ports, England.....	1910	5,022,250	6,128,928
Trieste, Austria.....	1910	2,733,133	2,661,836
Valette, Malta.....	1911	4,337,736	4,329,301
Vancouver, Canada.....	1911	1,509,445	1,010,653
Veracruz, Mexico.....	1910	1,673,845	1,768,540
Victoria, Canada.....	1911	1,252,893	1,259,861
Vladivostok, Russia.....	1909	734,000	699,000
Yokohama, Japan.....	1910	5,608,837	5,584,231

DEATH OF REAR-ADMIRAL MELVILLE.

Rear-Admiral George Wallace Melville, U. S. N., retired, died in Philadelphia, Pa., March 17, 1912, from paralysis. He was born Jan. 10, 1841. As an officer in the engineer corps of the navy he took an active part in the civil war and later attained distinction as an arctic explorer. He was commander of the Tigress, which in 1873 made a search for the lost ship Polariss. In 1879-1881 he was a

member of the ill-fated Jeanette expedition and commanded the boat's crew, which finally escaped after an unparalleled retreat of 2,300 miles. He made a third voyage to the arctic regions and recovered the records of the Jeanette expedition. He was honored by many educational and scientific institutions.

RAILROADS FINED FOR REBATING.

The Lake Shore, Michigan Central and Big Four lines pleaded guilty to a charge of conspiracy to grant rebates and were fined \$40,000 in the federal District court, Chicago, by Judge Carpenter, May 7, 1912. The Big Four (Cleveland, Cincinnati, Chicago & St. Louis) was indicted on two counts and

paid a fine of \$20,000. The fines were the maximum under the law. It was admitted that rebates had been granted theatrical companies using the lines in the form of lavish expenditures for advertisements in theater programmes.

LOSS OF THE WHITE STAR LINER TITANIC.

Date—April 15, 1912.

Place—Atlantic ocean, lat. 41:16 north, long. 50:14 west.

Persons aboard—2,223.

Lives lost—1,517.

Persons saved—706.

Cause of disaster—Collision with iceberg.

The White Star liner Titanic, the newest, finest and largest steamship in existence at the time, collided with an iceberg at 11:46 p. m. Sunday, April 14, 1912, and sank at 2:20 a. m. Monday, April 15, causing the loss of 1,517 lives. Seven hundred and six persons, mostly women and children, were saved by means of lifeboats and rafts. These survivors were picked up by the steamship Carpathia, which, in response to a call by wireless for assistance, arrived at the scene of the disaster at 4 o'clock in the morning and conveyed them to New York, that port being reached on the evening of Thursday, April 18.

The Titanic was making its first voyage across the Atlantic, having left the hands of its builders in Belfast April 2. It sailed from Southampton April 10, and, after calling at Cherbourg, France, the same day, and Queenstown, Ireland, the following day, it proceeded toward New York, taking the usual southerly spring course. There was a large number of passengers aboard, many of them attracted by a desire to witness the performance of the gigantic vessel on its initial trip and to share in its comforts and luxuries. One of these was J. Bruce Ismay, chairman and managing director of the White Star line and president of the International Mercantile Marine company. William T. Stead, the widely known London editor; John Jacob Astor, the New York capitalist; Charles M. Hays, president of the Grand Trunk Railroad company; Frank D. Millet, artist; Lord and Lady Duff-Gordon of England; Maj. Archibald Butt, military aid to President Taft; J. B. Thayer, second vice-president of the Pennsylvania Railroad company; Washington A. Roebling, bridge engineer, Trenton, N. J.; Isidor Straus and Benjamin Guggenheim, New York capitalists; George D. Widener, son of P. A. B. Widener of Philadelphia; Jacques Futelle, author, and Henry B. Harris, theatrical manager, were also among the persons of note included in the passenger list. Capt. E. J. Smith was in command of the ship.

The voyage at the start was uneventful. The sea was calm and the weather clear, though rather cold. The wind was westerly to southwesterly. As usual with new ships, the speed was being gradually increased from day to day. According to a statement made afterward by Mr. Ismay, the distance covered on the first day was 464 miles, on the second 519 miles and on the third about 546 miles. No attempt, he said, was made to reach the full speed of which the vessel was capable, as it was not intended to reach New York until Wednesday morning.

ICE WARNINGS RECEIVED.

Sunday the wireless operators aboard the Titanic received three warnings that icebergs were in or near the course of the vessel. The first came from the Baltic at noon, the second from the Californian of the Leyland line about 7 o'clock in the evening and the third about an hour before the collision.

This was also from the Californian, the message reading: "We are stopped and surrounded by ice." To this last message the operator on the Titanic is reported to have replied: "Shut up. I am busy. I am working Cape Race." The Baltic's operator overheard ice reports going to the Titanic from the Prinz Friedrich Wilhelm and from the Amerika, while the Carpathia on the same day overheard the Parisian talking with other ships about ice. No special attention was paid to these warnings by the officers of the Titanic, except that one of them instructed the lookouts to keep "a sharp lookout for ice." Capt. Smith remarked to Second Officer Charles S. Lightoller, who was on duty on the bridge until 10 o'clock Sunday evening, "If it is in the slightest degree hazy we shall have to go very slowly. If in the least degree doubtful let me know." There was no haze and the ship's speed of 21 knots, or 24 1/4 miles an hour, was not reduced.

COLLISION WITH ICEBERG.

At 11:46 p. m. the lookout signaled the bridge and telephoned the officer of the watch, "Iceberg right ahead." The officer of the watch, First Officer W. M. Murdoch, immediately ordered the quartermaster at the wheel to put the helm "hard a-starboard," and reversed the engines, but while the sixth officer, J. P. Moody, standing behind the quartermaster at the wheel, reported to Officer Murdoch, "The helm is hard a-starboard," the Titanic struck the ice. The impact, while not violent enough to disturb the passengers or crew or to arrest the ship's progress, rolled the vessel slightly and tore the steel plating above the turn of the bilge. A few of the passengers came on deck to find out what the trouble was, but there was no alarm. Immediately after the collision air was heard whistling or hissing from the overflow pipe to the forepeak tank, indicating the escape of air from that tank because of the inrush of water. Practically at once the first three compartments in the hold and the forward boiler room, as well as the forepeak tank, filled with water and reports of the situation were made from the mail and trunk room in No. 3 hold and the fireman's quarters in No. 1 hold. Leading Fireman Barrett saw the water rushing into the forward fireroom from a tear about two feet above the stokehold floor plates and about twenty feet below the waterline, the tear extending two feet into the coal bunker at the forward end of the second fireroom.

The reports received by Capt. Smith after various inspections of the ship must have acquainted him promptly with its serious condition and when interrogated by Mr. Ismay he so expressed himself. It is believed also that this serious condition was promptly realized by the chief engineer, J. Bell, and by the builders' representative, Thomas Andrews, both of whom perished.

Under the added weight of water the bow of the ship sank deeper and deeper and through the open hatch leading from the mail room and through other openings the water overflowed E deck, below which the third, fourth, fifth, sixth, seventh and eighth transverse bulkheads ended, and thus flooded the compartments abaft No. 3 hold.

The Titanic was fitted with fifteen transverse watertight bulkheads, but only one of them extended to the uppermost continuous deck, C. The



Copyright, 1912, Underwood & Underwood, New York.

THE TITANIC LEAVING SOUTHAMPTON APRIL 10, 1912.

others extended only to decks D and E. The bulkheads having their openings through deck E were not actually watertight, as it was subsequently shown that the flooding of that deck contributed largely to the sinking of the ship. Theoretically any two of the sixteen main watertight compartments might be flooded without involving the safety of the ship. As already stated, the five extreme forward compartments were flooded almost at once by reason of the nonwatertight character of the deck at which the transverse bulkheads ended and the sinking of the vessel was inevitable.

CALL FOR HELP.

No general alarm was sounded, no whistle blown and no systematic warning was given the passengers. Within fifteen or twenty minutes Capt. Smith visited the wireless room and instructed the operators, J. G. Phillips and Harold S. Bride, to call for assistance by sending out the distress signal, "C. Q. D." At the time the call was sent out there were eight vessels within reach of the Titanic's wireless apparatus. These were the Californian, west bound, 13½ miles (or less) to the north; the Mount Temple of the Canadian Pacific line, west bound, 49 miles to the west; the Carpathia of the Cunard line, east bound, to the southeast; the Birma, a Russian ship, 70 miles distant; the Frankfurt of the North German Lloyd line, east bound, 153 miles to the southeast; the Virginian of the Allan line, about 170 miles distant; the Baltic of the White Star line, east bound, 343 miles to the southeast, and the Olympic, sister ship of the Titanic, east bound, 512 miles to the westward. The Caronia, some 800 miles to the eastward, also overheard the Titanic's call for aid.

The distress call was heard by the wireless station at Cape Race, together with the report that the vessel had struck an iceberg, and from this station the news of the accident which at first was not thought to have involved the loss of life, was given to the world. The C. Q. D. signal was also heard by the Mount Temple, the Frankfurt, the Baltic, the Carpathia, the Virginian and was relayed by them to other vessels. At an investigation undertaken by a committee of the United States senate, from whose official report this account of the disaster is largely taken, sixteen witnesses from the Titanic, including officers, seamen and passengers, testified to seeing the lights of a vessel in the distance, just after the collision. The Titanic fired distress rockets and attempted to signal by electric lamp and Morse code to this vessel. At about the same time the officers of the Californian saw rockets in the general direction of the Titanic and, according to the testimony subsequently given by them, they displayed a powerful Morse lamp. Several of the crew of the Californian testified before the senate committee that the side lights of a large vessel going at full speed were plainly visible from the lower deck of their ship at 11:30 p. m., or just before the accident. The wireless operator on the Californian was not aroused until early on the morning of the 15th, when he was directed to find out what the rockets, seen hours before, meant. It was then learned that the Titanic had sunk, but it was too late to give any assistance. The senate committee in its report expressed the opinion that the Californian was much nearer the Titanic than the nineteen miles reported by the captain, and that it might have had the distinction of saving the lives of the passengers and crew of the sinking liner.

The Frankfurt replied to the distress call, but failed to give its own position, and when it later asked the Titanic, "What is the matter?" one of the operators on the disabled ship told the Frankfurt operator that he was a fool. Notwithstanding this, the captain of the Frankfurt said he would go to the Titanic's assistance. Owing to the delay, however, he was unable to be of any service.

CARPATHIA TO THE RESCUE.

At the time of the collision the Titanic was in latitude 41:16 north and longitude 50:14 west. This is approximately 450 miles south of Cape Race, 1,191 miles east of New York and 1,799 west of Queenstown. The Cunard steamship Carpathia, which was the only vessel to come to the rescue in time, was on its way to Mediterranean ports with a considerable number of excursionists. It was

fifty-eight miles to the southeast of the Titanic when at 12:30 o'clock in the morning of the 15th its wireless operator, Thomas Cottam, who was just about to go off duty, heard the distress signal from the White Star liner. He verified it and notified Capt. Arthur H. Rostron at 12:35 a. m. The latter at once put his ship about, ordered his crew and doctors to get everything in readiness for receiving a large number of shipwrecked persons aboard and proceeded at full speed in the direction of the disabled vessel, the exact position of which had been given in the call for help. Operator Cottam remained in communication with the Titanic, giving the position of the Carpathia and saying that it was hurrying to the rescue. The last message he received from the Titanic was: "Come quick; our engine room is filling up to the boilers."

LOADING THE LIFEBOATS.

Having sent out calls for assistance and ordered the firing of distress rockets at frequent intervals, Capt. Smith and his officers took steps to notify the passengers of the danger and to place as many of them as possible in safety. Messengers were sent to the various decks shouting, "All passengers on deck with life preservers on." The order was obeyed quietly and quickly and so far as known all were aroused and equipped with life preservers. The testimony is that there was a total absence of panic and but little appearance of excitement. The ship was absolutely still and, except for a slight tilt forward, rode on an even keel. By the captain's order the lifeboats were uncovered and made ready to be lowered into the water. The sense report says:

"The lack of preparation at this time was most noticeable. There was no system adopted for loading the boats; there was great indecision as to the deck from which the boats were to be lowered; there was wide diversity of opinion as to the number of the crew necessary to man each boat; there was no direction whatever as to the number of passengers to be carried by each boat and no uniformity in loading them. On one side only women and children were put into the boats, while on the other side there was an almost equal proportion of men and women put into the boats, the women and children being given the preference in all cases. The failure to utilize all lifeboats to their recognized capacity for safety unquestionably resulted in the needless sacrifice of several hundred lives which might otherwise have been saved.

"The vessel was provided with lifeboats for 1,176 persons, while but 706 were saved. Only a few of the ship's lifeboats were fully loaded, while others were only partially filled. Some were loaded at the boat deck and some at A deck, and these were successfully lowered to the water. The twentieth boat was washed overboard when the forward part of the ship was submerged, and in its overturned condition served as a life raft for about thirty people, including Second Officer Lightoller, Wireless Operators Bride and Phillips—the latter dying before rescue—Col. Archibald Gracie and Jack Thayer, passengers, and others of the crew who climbed upon it from the water at about the time the ship disappeared.

"Had the sea been rough it is questionable whether any of the lifeboats of the Titanic would have reached the water without being damaged or destroyed. The point of suspension of the boats was about seventy feet above the level of the sea. Had the ship been rolling heavily the lifeboats, as they were lowered, would have swung out from the side of the ship as it rolled toward them and on the return roll would have swung back and crashed against its side.

"The testimony is definite that, except in isolated instances, there was no panic. In loading boats no distinction was made between first, second and third class passengers, although the proportion of lost was larger among the third-class passengers than in either of the other classes. Women and children without discrimination were given preference."

WOMEN AND CHILDREN FIRST.

Second Officer Lightoller had charge of the loading of six of the lifeboats and he compiled strictly with the "rule of the sea" that women and children should be cared for first. There were alto-

gether fourteen lifeboats, capable of holding sixty-five persons each; two emergency seaboats to hold thirty-five persons each and four collapsible boats with a capacity of forty-nine persons each. In the stowage there was some crowding by the men, but it was checked by the officers and the crew, who obeyed the captain's injunction to "act like British men." The men, whether millionaires or paupers, were as a rule equally heroic. They either stood back while the boats were being loaded or helped in the work. This was notably the case with Maj. Archibald Butt, John Jacob Astor, Isidor Straus, Jacques Futrelle and Henry B. Harris, all of whom perished.

Isidor Straus resolutely refused to enter a lifeboat, though asked to do so. "As long as there is a woman on this vessel," he is reported to have said, "I will not leave. When the women are safe then come the men." Mrs. Straus was entreated to get in with the other women, but she refused to leave her husband and died with him. There were other instances of the same kind. There was evidently a feeling that the ship was in no immediate peril and most of the married women went aboard the lifeboats under the impression that their husbands would soon follow them in other boats. Nothing was seen of William T. Stead. He is supposed to have remained in his room and gone down with the ship.

BAND PLAYS AS SHIP SINKS.

In the meantime the Titanic was steadily sinking by the head and the water was rising from deck to deck. The hundreds left on the ship were preparing to go down with it or jump into the sea. A few men were struggling to launch a boat that had become jammed, but otherwise nothing was being done. The eight musicians of the ship, who had come together while the lifeboats were being launched, continued playing to give the imperiled passengers confidence. Even as the vessel was about to take its final plunge the strains of "Nearer, My God, to Thee," were heard. It was the most dramatic feature of the great tragedy.

It was 2:20 o'clock in the morning when the ship finally went down. Just as it was about to disappear two explosions were heard, and to some it appeared as though the vessel broke in two amidships. The preponderance of evidence, however, is that when it went down it assumed an almost end-on position and sank intact. The people in the nearest lifeboats heard loud screaming and moaning for what seemed to be several minutes and then all was still.

Col. Gracie was one of the last persons on the ship as it sank. He was drawn under the water by the suction, but some explosion in the vessel sent him and others to the surface. He clung to a piece of wreckage until he recovered his breath and then he discovered the overturned lifeboat, which he managed to reach. He and another man helped others upon the craft and at daylight there were thirty men standing upon it. They were knee deep in water and afraid to move lest they upset it and go down. Besides those mentioned in the senate report, quoted in a preceding paragraph, H. J. Pitman, third officer; J. G. Boxhall, fourth officer, and H. C. Lowe, fifth officer, were rescued in this manner. First Officer Murdoch perished, as did Capt. E. J. Smith. The exact manner of their death is not known. It was reported, but not verified, that the former shot himself before the vessel sank. The same was said of the captain, but this was declared to be untrue. Some of the passengers claimed to have seen him take a child in his arms and jump into the sea. A sailor said the child was taken aboard a lifeboat, but that the captain sank. J. Bruce Ismay entered one of the lifeboats before the ship went down and was saved. He claimed that no women were in sight at the time and that there was room for him.

After lowering, several of the lifeboats rowed many hours in the direction of the lights supposed to have been displayed by the Californian. Other boats lay on their oars in the vicinity of the sinking ship, a few survivors being rescued from the water. The sea was glassy smooth, the stars were shining and the night was clear. It was cold, however, and those who were wet suffered severely. Many of the rescued were thinly clad and some of them, including women, were glad to take part in

the rowing to keep warm. One or more seamen had been assigned to each boat to take charge of it. After distributing his passengers among four other boats which he had brought together and after the cries of distress had died away, Fifth Officer Lowe, in boat No. 14, went to the scene of the wreck and rescued four living passengers from the water, one of whom afterward died in the boat. The men who had taken refuge on the overturned lifeboat were taken off by lifeboats Nos. 4 and 12. The fourth collapsible lifeboat contained twenty-eight women and children, mostly third-class passengers, three firemen, one steward, four Filipinos, J. Bruce Ismay and W. E. Carter of Philadelphia, and was in charge of Quartermaster Rowe.

THE RESCUE.

At 4 o'clock in the morning the lights of the Carpathia were seen and all the boats rowed in the direction of the approaching steamer. The Cunarder had made good time, though forced to alter its course several times on account of icebergs. At 4:10 a. m. the first lifeboat was picked up and at 8:30 a. m. the last of the survivors were aboard. Day was breaking when the first boat was unloaded and after that the surface of the ocean for miles around was visible. Thirteen of the lifeboats were picked up and taken to New York. Capt. Rostron, in his official report, said that at this time his ship was surrounded by icebergs, large and small, and that three miles to the northwest was a huge field of drift ice with large and small bergs in it. At 8 o'clock the Californian came up and was requested to continue the search for survivors or bodies. The Mount Temple also reached the scene in the morning and assisted in the search, but no bodies were found. It is believed that those subsequently picked up had been carried by strong currents away from the spot where the Titanic went down or were hidden by the extensive ice floes.

At 8:30 a. m. the Carpathia started directly for New York. While the rescue work was in progress a clergyman aboard offered a prayer of thankfulness for those saved and performed a short burial service for the dead. Everything possible was done for the survivors of the wreck, passengers and officers, giving them their rooms and providing articles of clothing for those needing them.

The wireless equipment of the Carpathia was not of the best and more or less trouble was had in sending messages ashore or to other ships. The regular operator, Thomas Cottam, was assisted by Harold S. Bride of the Titanic, who was saved in a crippled condition. They confined themselves to sending official and private messages and the names of the rescued, paying no attention to requests for details of the disaster, or even to the efforts of the operators on the United States scout cruiser Salem, who tried to get information as to the fate of Maj. Archibald Butt for President Taft. The operators on the Carpathia excused themselves later on the ground that the wireless men on the warship were incompetent and that it was a waste of time to reply to them. Because of this lack of definite information the arrival of the Carpathia was awaited with much anxiety. When the ship finally reached its dock in New York at 9:30 p. m., Thursday, April 18, it was met by a large number of people anxious to welcome the survivors and to make inquiries about the missing. Those of the rescued who were ill or disabled were taken to hospitals, while others went to their homes or to hotels to proceed to their destinations on the following day.

STATEMENT OF PASSENGERS.

Upon the arrival of the Carpathia a statement signed by a committee of twenty-five of the Titanic's passengers, with Samuel Goldenberg as chairman, was given to the press. After detailing briefly the facts of the wreck and giving approximately the number of persons on board, the number saved and the number lost, the statement concluded:

"We feel it our duty to call the attention of the public to what we consider the inadequate supply of life saving appliances provided for on modern passenger steamships and recommend that immediate steps be taken to compel passenger steamers to carry sufficient boats to accommodate the maximum number of people carried on board.

"The following facts were observed and should be considered in this connection:

"The insufficiency of lifeboats, rafts, etc.

"Lack of trained seamen to man the same (stokers, stewards, etc., are not efficient boat handlers).

"Not enough officers to carry out emergency orders on the bridge and superintend the launching and control of lifeboats.

"Absence of searchlights.

"The board of trade rules allow for entirely too many people in each boat to permit the same to be properly handled.

"On the Titanic the boat deck was about seventy-five feet above water and consequently the passengers were required to embark before lowering the boats, thus endangering the operation and preventing the taking on of the maximum number the boats would hold.

"Boats at all times should be properly equipped with provisions, water, lamps, compasses, lights, etc.

"Life saving boat drills should be more frequent and thoroughly carried out and officers should be armed at boat drills.

"Great reduction should be made in speed in fog and ice, as damage, if collision actually occurs, is liable to be less.

"In conclusion we suggest that an international conference be called to recommend the passage of identical laws providing for the safety of all at sea, and we urge the United States government to take the initiative as soon as possible."

SENATE INVESTIGATION.

April 18, the same day that the Carpathia arrived in New York, the United States senate passed a resolution directing the committee on commerce to make an inquiry into the "causes leading to the wreck of the White Star liner Titanic, with its attendant loss of life, so shocking to the civilized world." The committee was further directed to recommend such legislation as it might deem expedient. The committee accordingly appointed the following subcommittee to conduct the investigation: William Alden Smith, Michigan, chairman; George C. Perkins, California; Jonathan Bourne, Jr., Oregon; Theodore E. Burton, Ohio; F. M. Simmons, North Carolina; Francis G. Newlands, Nevada; Duncan U. Fletcher, Florida.

The committee examined eighty-two witnesses, of whom fifty-three were British subjects. Among others interrogated were J. Bruce Ismay, P. A. S. Franklin, vice-president in America of the International Mercantile Marine company, the four surviving officers of the Titanic, C. H. Lightoller, H. J. Pitman, J. G. Boxhall and Harold G. Lowe, and thirty-four members of the crew.

The sessions of the committee were held in Washington and in New York and the inquiry was so searching and rigid as to evoke the criticism in some of the London papers that it was brutal. The examination of Mr. Ismay, in particular, was pronounced too severe. The official report was made to the senate May 23 by Chairman Smith, who made a speech, in which he called attention to the salient points brought out by the inquiry. He said that the loss of the Titanic was due largely to laxity of regulation and hasty inspection on the part of the British board of trade. On his motion the senate passed a resolution that the thanks of congress be extended to Capt. Arthur Henry Rosston of the Carpathia and through him to the officers and crew of the vessel for promptly going to the relief of the Titanic and heroically rescuing the survivors, and that the president be authorized to have made and presented to the captain a gold medal, suitably inscribed, expressing the high estimation in which congress held his services. This resolution was subsequently adopted by the house.

The facts found by the senate committee were substantially as given in the preceding account of the wreck. In its report it recommended that not fewer than four members of the crew, skilled in handling boats, be assigned to each lifeboat, and that all men so assigned be drilled in lowering and rowing the boats not less than twice a month; that passengers and crew be assigned to lifeboats before sailing; that every passenger steamship carrying 100 or more passengers be equipped with two searchlights; that a radiotelegraph operator be on duty at all times, day and night, and that there

be definite legislation to prevent interference by amateurs with wireless telegrams; that the firing of rockets at sea be prohibited except as a signal of distress and that certain new structural requirements be insisted upon in the building of ocean going passenger steamers. These requirements were that ships carrying more than 100 passengers should have a watertight skin inboard of the outside plating, extending not less than 10 per cent of the load draft above the full load water line, either in the form of an inner bottom or of longitudinal watertight bulkheads, and this construction should extend over not less than two-thirds of the length of the ship. Bulkheads should be so spaced that any two adjacent compartments might be flooded without destroying the floatability or stability of the ship. Watertight transverse bulkheads should extend from side to side of the ship, attaching to the outside shell. The transverse bulkheads forward and abaft the machinery spaces should be continued watertight vertically to the uppermost continuous structural deck. That deck should be fitted watertight. Bulkheads within the limits of the machinery spaces should extend not less than 25 per cent of the draft of the ship above the load water line and should end in a watertight deck.

BRITISH INQUIRY.

The British board of trade also organized a court of inquiry under the presidency of Lord Mersey. Its investigation ended July 3, after the examination of ninety-eight witnesses. The court presented its findings July 30. These were in brief:

That the collision with the iceberg was due to the excessive speed at which the Titanic was navigated.

That a proper watch was not kept.

That the ship's boats were properly lowered, but the arrangements for manning them were insufficient.

That the Leyland liner Californian might have reached the Titanic if she had attempted to do so.

That the track followed was reasonably safe with proper vigilance.

That there was no discrimination against third class passengers in the saving of life.

The court of inquiry exonerated J. Bruce Ismay, chairman and managing director of the White Star line, and Sir Cosmo Duff-Gordon, one of the passengers, from any charges of improper conduct.

More watertight compartments in seagoing ships, the provision of lifeboats for all on board and more efficient drills of the crew, as well as a better lookout, were recommended.

NUMBER OF PERSONS ON TITANIC.

The following table, showing the number of persons on board the Titanic, the number saved and the number lost, is from the senate committee's official report:

General Report.		—On board.—		—Saved.—		—Lost.—		Pr. ct.	
Passengers	and crew	Men	Women	Men	Women	Men	Women	Total saved	..
1st class	156	173	329	145	54	199	11	119	130
2d class	128	157	285	104	15	119	24	142	165
3d class	224	486	710	105	69	174	119	417	536
Total	508	816	1,324	354	138	492	154	678	832
Crew	..	23	876	899	20	194	214	3	682
Total	531	1,692	2,223	374	332	706	157	1,360	1,517
*Including children.									

*Including children.

AMONG THE LOST.

Among those who were lost were:

Col. J. J. Astor, New York, N. Y.

Thomas Andrews, Belfast, Ireland.

Emil Brandeis, Omaha, Neb.

Maj. Archibald W. Butt, Washington, D. C.

Edward G. Crosby, Milwaukee, Wis.

W. D. Douglas, Minneapolis, Minn.

J. F. Fulle, New York, N. Y.

Benjamin Guggenheim, New York, N. Y.

Henry B. Harris, New York, N. Y.

Charles M. Hays, Montreal, Que.

Herbert H. Hilliard, Boston, Mass.

E. G. Lewy, Chicago, Ill.

Frank D. Millet, New York, N. Y.

Dr. W. E. Minahan, Fond du Lac, Wis.

Washington A. Roebling, Trenton, N. J.

Arthur Ryerson, Philadelphia, Pa.

William A. Spencer, New York, N. Y.

William T. Stead, London, England.

Isidor Straus, New York, N. Y.
Mrs. Isidor Straus, New York, N. Y.
J. B. Thayer, Philadelphia, Pa.
George D. Widener, Philadelphia, Pa.

AMONG THE SAVED.

Among the saved were:

Mrs. John Jacob Astor, New York, N. Y.
George Drayton, Los Angeles, Cal.
Mrs. Edward G. Crosby, Milwaukee, Wis.
Miss Harriet Crosby, Milwaukee, Wis.
Mr. and Mrs. Washington Dodge, San Francisco, Cal.
Mrs. W. D. Douglas, Minneapolis, Minn.
Mrs. J. Futrelle, New York, N. Y.
Lord and Lady Duff-Gordon, London, England.
Col. Archibald Gracie, Washington, D. C.
Mrs. Henry B. Harris, New York, N. Y.
Mrs. Charles M. Hays, Montreal, Que.
J. Bruce Ismay, Liverpool, England.
Mrs. W. E. Minahan, Fond du Lac, Wis.
Miss Daisy Minahan, Fond du Lac, Wis.
Mrs. Arthur Ryerson and children, Philadelphia, Pa.
Mrs. William A. Spencer, New York, N. Y.
Mrs. J. B. Thayer and son, Philadelphia, Pa.
Mrs. George D. Widener, Philadelphia, Pa.
Harry Widener, Philadelphia, Pa.

RECOVERY OF BODIES.

Shortly after the sinking of the Titanic the cable ship Mackay-Bennett was sent to the scene of the disaster to recover the bodies of the victims, many of whom had been seen floating in the water by passing steamers. It searched an area of more than thirty square miles and picked up 306 bodies. Of these 115 were buried at sea and the remainder brought to Halifax, N. S., April 30. Among the

dead who were identified and taken to their former homes for burial were J. J. Astor, E. G. Crosby, W. D. Douglas, Dr. W. S. Minahan, Frank D. Millet and Isidor Straus. Every body picked up had on a life belt.

More than \$1,500,000 was raised in England and the United States for the impoverished and helpless survivors of the wreck and for needy relatives of the dead. Of this amount about \$2,000 was contributed in Chicago.

DESCRIPTION OF THE TITANIC.

The Titanic was built by Harland & Wolff at Belfast, Ireland. No restrictions as to cost were placed on the builders. The vessel fully equipped cost £1,500,000, or about \$7,500,000. At the time of the wreck it carried insurance of \$5,000,000, the remaining risk being carried by the company's insurance fund. The ship was launched May 31, 1911, and trial tests were made on Belfast lough April 1, 1912. The registered tonnage was 46,328 and the displacement 66,000 tons. The length over all was 882 feet 6 inches and breadth 92 feet 6 inches. The height from keel to boat deck was 97 feet 4 inches.

The vessel was supplied with everything in the line of comforts and luxuries that could be suggested, including an eighteen hole "deck golf" course, tennis and handball courts, outdoor and indoor gymnasiums, running track, photographic dark room, lounging room, "palm court," "veranda cafe" and glass covered promenade. In addition to the usual suite bathroom facilities it had Turkish and electric baths and salt and fresh water swimming pools. It was, in fact, a huge floating hotel of the finest kind that money could produce.

REVOLUTION IN ECUADOR.

Eloy Alfaro was proclaimed president of Ecuador by the populace in January, 1906, after he had defeated the government troops at Quito. In October of the same year he was elected provisional president by the national convention and held office until 1911. In that year Emilio Estrada ran for the office, with Flavio Alfaro as an opponent, and was elected by more than 100,000 votes. He retained the presidency until Dec. 22, when he died. On the 28th the troops of Gen. Pedro Montero, stationed in Guayaquil, after riots in which many persons were killed or injured, proclaimed him president. The liberals favored the candidacy of Gen. Leonidas Plaza, while some of the radicals sought to give the office to Gen. Flavio Alfaro.

Severe fighting followed the Montero revolt against the constitutional administration at Quito. The rebels sustained a severe defeat Jan. 18 at Yaguache, northeast of Guayaquil, when more than 1,000 men were killed or wounded. The government troops were commanded by Gen. Julio Andrade, while those from Guayaquil were under Gen. Flavio Alfaro. The latter was wounded in the battle and Eloy Alfaro succeeded him. The Quito troops followed up their success and Jan. 22, after a battle in which eighty men were killed or wounded, they captured the city of

Guayaquil. Gen. Leonidas Plaza, who commanded the government troops in this battle, received the surrender of Gens. Eloy Alfaro, Flavio Alfaro, Uplano Paez, Manuel Serrano and Pedro Montero. Gen. Medardo Alfaro, another rebel general, was captured Jan. 25.

Gen. Montero was brought before a court-martial on the evening of Jan. 25 and sentenced to sixteen years' imprisonment in a penitentiary. When Gen. Plaza announced the verdict crowds of angry people rushed into the courtroom, riddled Montero with bullets, dragged his body into the streets, beheaded it and then cast head and trunk into a fire which had been built. The other generals were hastened to the Quito penitentiary, where they were to be tried. Jan. 28 an infuriated mob succeeded in breaking into the prison in spite of a double guard and lynched Gens. Eloy Alfaro, Flavio Alfaro, Medardo Alfaro, Uplano Paez and Manuel Serrano.

March 5 Gen. Julio Andrade and a large party of conservatives attacked the police barracks at Quito, but were repulsed and Andrade was killed. He was one of the noted men of the public and it was supposed that he and others had plotted to seize the government.

FRENCH AUTOMOBILE BANDITS KILLED.

Paris and surrounding districts were terrorized in the winter and spring of 1911-1912 by a number of organized bandits, who used an automobile in their operations. Many murders and robberies were committed by them, but all efforts on the part of the authorities to run them down failed until April 28, 1912, when the chief of the gang, Jules Bonnot, and one of his lieutenants, Dubois, were tracked to a garage in Choisy-le-Roi, six miles south of Paris. Police and troops, under the direction of M. Lepine, the chief of police, surrounded the garage and after the exchange of many shots blew

it up with dynamite in the presence of 10,000 spectators. Dubois was found dead and Bonnot suffering from several bullet wounds. He died on the way to the city. Both he and Dubois were provided with poison for suicidal purposes, but neither was able to use it. The affair attracted as much attention as the "battle of London" did in January, 1911, when the police and military had a spectacular fight with several desperadoes in the White-chapel district. Bonnot was known as the "demon chauffeur."

STATES AND TERRITORIES IN THE UNION.

There are forty-eight states in the union and three territories, the latter including Hawaii, the District of Columbia and Alaska. The District of Columbia is governed by three commissioners, appointed by the president of the United States under laws passed directly by congress. Alaska has a

governor appointed by the president, but has no legislature. It is under the direct control of congress. Porto Rico, the Philippines and other island possessions of the United States are not technically territories, each having a special form of government.

WILLIAM LORIMER'S ELECTION AS SENATOR INVALID.

The right of William Lorimer, republican, of Chicago, to hold his seat in the United States senate, to which he was elected May 26, 1909, by a combination of democrats and republicans in the Illinois legislature, was challenged in the upper house of congress Jan. 9, 1911. Two resolutions were introduced, both declaring his election illegal. Only one was acted on, that offered by Senator Albert J. Beveridge of Indiana, which was as follows:

"Resolved, That William Lorimer was not duly and legally elected to a seat in the senate of the United States by the legislature of Illinois."

Senator Beveridge, as a member of the committee on privileges and elections, submitted a report dissenting from the views of the majority of the committee, which, in December, 1910, had declared that the charges of bribery in connection with Mr. Lorimer's election were not sustained. [See The Daily News Almanac and Year-Book for 1911, page 404.]

The Beveridge resolution came before the senate for discussion and, after an acrimonious debate lasting until March 1, 1911, was defeated by a vote of 46 yeas to 40 yeas. Thirty-five republicans and eleven democrats voted in favor of Mr. Lorimer.

The action of the senate was resented and meetings of protest were held in various parts of the country. In the Illinois state senate a committee, of which Douglas W. Helm of Metropolis was chairman, was appointed to inquire into the charges of corruption in the 46th general assembly. This committee was informed by H. H. Kohlstaet, editor of the Chicago Record-Herald, that he had been told by Clarence S. Funk, general manager of the International Harvester company, that a fund of \$100,000 had been raised by Edward Hines, lumberman, to secure the election of Mr. Lorimer as United States senator. Mr. Funk said that Mr. Hines had asked him for a contribution of \$10,000, to be sent to Edward Tilden, a packer.

In pursuance of the information obtained from Mr. Funk, the committee asked Edward Tilden to appear before the committee with certain books and documents that might throw light upon the alleged Lorimer fund. George M. Benedict and William C. Cummings were asked to produce certain bank accounts kept by Mr. Tilden at the time the fund was supposed to have been collected. These men refused to appear or to produce the documentary proofs sought, whereupon the committee ordered their arrest. Warrants were served upon them, but they were immediately released upon writs of habeas corpus issued by Judge Adolphe Petit of the Circuit court of Cook county, who, after a hearing, denied the right of the senate or a committee thereof to require the attendance of these witnesses or the production of the proof demanded. In effect, Judge Petit held that the committee had no power or authority to take proof or to subpoena witnesses because of the fact that the scope of the inquiry under the resolution creating the committee included not only members of the senate but of the house as well, the senate thereby seeking to embark upon an inquiry over which it had no jurisdiction.

Finding its further progress blocked, the committee concluded its examination of witnesses and May 17 made a report to the senate, reciting the foregoing and other facts. The essence of its finding was expressed in the following words:

"Your committee has reached the conclusion that the election of William Lorimer before the last general assembly would not have occurred had it not been for bribery and corruption."

May 18, by a vote of 39 to 10, the state senate adopted a resolution to the effect that in its opinion the election of Mr. Lorimer as senator was brought about by bribery and corruption and that the good name of the state and the welfare of the nation demanded that a further investigation should be made by the United States senate.

SECOND SENATE INVESTIGATION.

June 1, 1911, by a vote of forty-eight to twenty, the United States senate adopted a resolution to reopen the inquiry into Mr. Lorimer's election and the following subcommittee was named by the committee on privileges and elections to conduct the investigation: Republicans—Dillingham, Vermont, chairman; Gamble, South Dakota; Jones, Washing-

ton; Kenyon, Iowa. Democrats—Johnston, Alabama; Kern, Indiana; Lea, Tennessee; Fletcher, Florida.

The examination of witnesses was begun June 20 in room 301 of the senate office building in Washington. Those who appeared before the committee included, among others, Cyrus H. McCormick, president of the International Harvester company; Herman H. Kohlstaet, editor of the Chicago Record-Herald; Clarence S. Funk, general manager of the International Harvester company; Wirt H. Cook, Edward Tilden, Edward Hines, Gov. Charles S. Deneen, Christian F. Wiehe, Nelson W. Aldrich and Boies Penrose. The testimony was substantially the same as that given before the Illinois senate committee, except that additional information was given. John H. Marble and John J. Healy were counsel for the committee, while Mr. Lorimer was represented by Elbridge Haney and William J. Hynes. The committee did not, as at the first hearing, adhere to the strict rules of evidence, but permitted great latitude in the investigation. The hearing continued in Washington until Aug. 9, when a recess was taken until Oct. 10. The committee then met in the federal building in Chicago and resumed the examination of witnesses. It adjourned Nov. 22 and continued its work in Washington, D. C., until Feb. 9, 1912, when the taking of testimony was concluded. One hundred and eighty witnesses had been examined and the hearings had occupied 102 days. The most sensational feature was the introduction of dictograph notes declared to have been taken by James Sheridan, a stenographer, while A. C. Bailey, a detective of the Burns agency, was talking to Charles McGowan in a hotel in Toronto, Canada. McGowan was a witness who had testified in favor of the Lorimer-Hines side before the committee and was alleged to have been paid for it. The dictograph notes purported to record his admission to Detective Bailey that this charge was true. Milton W. Blumenberg, the official stenographer of the investigating committee, denounced the dictograph notes as having been "faked" and was adjudged to be in contempt. He was, however, not further punished.

March 28, 1912, the subcommittee adopted the following resolutions, the first offered by Senator Gamble and the other by Senator Johnston:

"Resolved, That in the opinion of this committee this investigation does not show that there were used or employed in the election of William Lorimer to the senate of the United States from the state of Illinois corrupt practices and methods."

"Resolved, That the testimony failed to show that Senator Lorimer himself used any corrupt practices or means or had any knowledge that such were used."

On the Gamble resolution the committee divided five to three, those voting in favor of it being Senators:

Dillingham of Vermont, Rep., chairman.
Gamble of South Dakota, Rep.
Jones of Washington, Rep.
Johnston of Alabama, Dem.
Fletcher of Florida, Dem.

The three senators who voted against the resolution were:

Kenyon of Iowa, Rep.
Kern of Indiana, Dem.
Lea of Tennessee, Dem.

Senator Jones of Washington offered the following resolution, which was also adopted:

"Resolved, That nothing has developed in or by this investigation that justifies a reversal of the solemn and deliberate judgment of the United States senate, rendered during the last session of the 61st congress, holding valid the election of William Lorimer as a senator of the United States."

The vote upon this resolution was: Yeas—Dillingham, Gamble, Jones, Johnston and Fletcher—5. Nays—Kenyon, Kern and Lea—3.

The following resolution offered by Senator Kern was adopted by a vote of 3 (Kern, Kenyon and Lea) to 0:

"That in the opinion of this committee there was a fund distributed in the city of St. Louis on June 2, 1909, by Leo O'Neil, Browne, and on July 15, 1909, by Robert E. Wilson, to certain members of the Illinois legislature."

COMMITTEE REPORTS.

May 20 the committee submitted majority and minority reports to the senate. The majority report, signed by Senators Dillingham, Gamble, Jones, Johnston and Fletcher, found Mr. Lorimer was not elected corruptly and was entitled to his seat in the senate; the minority report, signed by Senators Kenyon, Kern and Lea, found that his election was brought about by corrupt means and that he was not elected corruptly and was entitled to his seat in the majority report is contained in the following concluding paragraphs:

"The senate has once solemnly and deliberately passed upon the charges made against him [Lorimer]. Its judgment, after a full investigation and extensive argument, was in his favor and should stand unless new and convincing evidence is produced establishing corruption in his election. This rule is more liberal toward the senate and the people than toward Mr. Lorimer, because if the judgment had been against him he would have been bound by it and no amount of proof showing the injustice of the decision against him would secure its reversal and his reinstatement as a member of this body.

"Absolutely no new and substantial evidence has been produced or discovered on this reinvestigation showing that he was elected by corruption, and we believe that all the rules of law, judicial procedure and justice require that the former judgment of the senate should be held to be conclusive and final.

"There is absolutely no evidence in all the testimony submitted intimating, suggesting or charging that William Lorimer was personally guilty of any corrupt practices in securing his election, or that he had any knowledge of any such corrupt practices, or that he authorized any one to employ corrupt practices in his election.

"We are convinced that no vote was secured for him by bribery; that whatever money White, Beckemeyer, Link, Holstlaw or any other person received was not paid to him or them by any one on Mr. Lorimer's behalf or in consideration of or to secure such vote or votes for him; that neither Edward Hines nor any one else raised or contributed to a fund to be used to secure his election; that his election was the logical result of existing political conditions in the state of Illinois and was free from any corrupt practice and therefore we must find, and we do find, that William Lorimer's election was not brought about or influenced by corrupt methods and practices."

The minority report not only insisted that the doctrine of res adjudicata had no application, but declared:

1. That the evidence obtained established conclusively that at least ten of the votes cast for Mr. Lorimer were corruptly cast, and it named also five other legislators whose votes were sold. The names of these men were:

Charles A. White.	Robert E. Wilson.
H. J. C. Beckemeyer.	W. C. Blair.
Michael Link.	Thomas Tippet.
Joseph S. Clark.	Henry L. Wheelan.
Henry A. Shepherd.	John H. DeWolf.
Charles S. Lueke.	Cyril R. Jandus.
D. W. Holstlaw.	John Broderick.
Lee O'Neil Browne.	

2. That Senator Lorimer was equally guilty and responsible for the wrongdoing of Lee O'Neil Browne and Edward D. Shurtleff.

3. That Edward Hines did participate corruptly in Lorimer's election and that his character was established as one "that looked upon everything and everybody as being purchasable."

4. That the motive Mr. Hines and Senator Lorimer attempted to ascribe as the reason for Funk's committing the crime of perjury was too far fetched to be tenable and too ridiculous and absurd to lessen the force of Funk's testimony.

That Burgess was an absolutely disinterested witness and that the majority believed both his testimony and that of Funk.

On the same day these reports were submitted (May 20) Senator Luke Lea of Tennessee offered the following resolution:

"Resolved, That corrupt methods and practices were employed in the election of William Lorimer to the senate of the United States from the state

of Illinois, and that his election therefore was invalid."

ELECTION FOUND INVALID.

Debate was begun on the resolution June 4 by Senator Kern of Indiana, who strongly urged its adoption. Speeches for and against were made by other members of the senate, one of Mr. Lorimer's chief defenders being Senator Wesley L. Jones of Washington, who previously had voted against him. An agreement was reached to take a vote July 6, but as the arguments had not then been concluded the legislative day was continued until July 14, on which day Mr. Lorimer concluded a three days' speech on his behalf. The greater part of his remarks was devoted to a bitter arraignment of the individuals and newspapers opposing him.

By a vote of 55 to 23 the United States senate on the afternoon of July 14, 1912, adopted the Lea resolution and Mr. Lorimer was retired to private life. The final vote was as follows:

AGAINST LORIMER, 55.

REPUBLICANS.

William E. Borah, Idaho.	Asle J. Gronna, N. D.
Jonathan Bourne, Jr., Ore.	W. S. McCrum, Iowa.
Frank O. Briggs, N. J.	R. M. La Follette, Wis.
Joseph L. Bristow, Kas.	Henry Cabot Lodge, Mass.
Norris Brown, Neb.	Knut Nelson, Minn.
Theodore E. Burton, O.	Carroll S. Page, Vt.
Moses E. Clapp, Minn.	Miles Poindexter, Wash.
Albert B. Cummins, Iowa.	Elihu Root, N. Y.
Charles Curtis, Kas.	Newell Sanders, Tenn.
Shelby M. Cullom, Ill.	Wm. Alden Smith, Mich.
Coe I. Crawford, S. D.	George Sutherland, Utah.
Joseph M. Dixon, Mont.	Chas. E. Townsend, Mich.
Albert B. Fall, N. M.	John D. Works, Cal.

DEMOCRATS.

Henry F. Ashurst, Ariz.	James A. O'Gorman, N. Y.
Augustus O. Bacon, Ga.	Lee S. Overman, N. C.
N. P. Bryan, Fla.	Atlee Pomerene, O.
G. E. Chamberlain, Ore.	Isidor Rayner, Md.
James P. Clarke, Ark.	James A. Reed, Mo.
Obadiah Gardner, Me.	B. F. Shively, Ind.
Thomas P. Gore, Okla.	F. M. Simmons, N. C.
G. M. Hitchcock, Neb.	Marcus A. Smith, Ariz.
C. F. Johnson, Me.	Hoke Smith, Ga.
John W. Kern, Ind.	E. D. Smith, S. C.
Luke Lea, Tenn.	William J. Stone, Mo.
Thomas S. Martin, Va.	Claude A. Swanson, Va.
James E. Martine, N. J.	C. W. Watson, W. Va.
Henry L. Myers, Mont.	John S. Williams, Miss.
Francis G. Newlands, Nev.	

FOR LORIMER, 23.

REPUBLICANS.

William O. Bradley, Ky.	Wesley L. Jones, Wash.
F. B. Brandegee, Conn.	H. F. Lippitt, R. I.
H. E. Burnham, N. H.	P. J. McCumber, N. D.
Thomas B. Catron, N. M.	George T. Oliver, Pa.
Clarence D. Clark, Wyo.	Boies Penrose, Pa.
W. Murray Crane, Mass.	George C. Perkins, Cal.
W. P. Dillingham, Vt.	H. A. Richardson, Del.
J. H. Gallinger, N. H.	Reed Smoot, Utah.
R. J. Gamble, S. D.	Isaac Stephenson, Wis.
Simon Guggenheim, Col.	G. P. Wetmore, R. I.

DEMOCRATS.

Joseph W. Bailey, Tex.	Thomas H. Paynter, Ky.
D. U. Fletcher, Fla.	J. W. Smith, Md.
M. J. Foster, La.	John R. Thornton, La.
J. F. Johnston, Ala.	B. R. Tillman, S. C.

PAIRED—AGAINST LORIMER.

W. E. Chilton, D., W. Va.	Jeff Davis, D., Ark.
C. A. Culberson, D., Tex.	R. L. Owen, D., Okla.

PAIRED—FAVORING LORIMER.

J. H. Bankhead, D., Ala.	W. B. Heyburn, R., Idaho.
H. A. DuPont, R., Del.	F. E. Warren, R., Wyo.

Sensors Percy of Mississippi and McLean of Connecticut—both against Lorimer—were not present and not paired. Mr. Lorimer did not vote.

PRODUCTION OF STEEL RAILS IN THE UNITED STATES.

	1908.	1909.	1910.	1911.
Bessemer, tons.	1,349,153	1,767,171	1,884,442	1,138,693
Open hearth, tons	671,791	1,256,674	1,751,359	1,676,923
Total	1,920,944	3,023,845	3,635,801	2,815,556

STEPHENSON INVESTIGATION.

Aug. 15, 1911, the United States senate adopted the following resolution reported from the committee on privileges and elections:

"That the senate committee on privileges and elections, or any subcommittee thereof, be authorized and directed to investigate certain charges preferred by the legislature of Wisconsin against Isaac Stephenson, a senator of the United States from the state of Wisconsin, and to report to the senate whether in the election of said Isaac Stephenson as a senator of the United States from the said state of Wisconsin there were used or employed corrupt methods or practices; that said committee or subcommittee be authorized to sit during the recess of the senate, to hold its session at such place or places as it shall deem most convenient for the purposes of the investigation, to employ stenographers, to send for persons and papers and to administer oaths; and that the expenses of the inquiry shall be paid from the contingent fund of the senate upon vouchers to be approved by the chairman of the committee or chairman of the subcommittee."

Senators Heyburn, Sutherland, Pomerene, Bradley and Paynter were appointed a special committee to conduct the investigation, which began in Milwaukee, Wis., Oct. 2 and continued until Nov. 1. Senator Stephenson testified that he had spent \$107,793 in the primary campaign of 1908 to secure the nomination. He said he had not handled the money himself, but had given most of it to his campaign manager, E. A. Edmonds, to use as he saw fit. He denied that any of the money had been corruptly used to secure his nomination. Mr. Edmonds declared that the money was spent legitimately for brass bands, lithographs, buttons, advertising and other customary campaign expenses.

Jan. 18, 1912, the Heyburn subcommittee agreed upon a report holding that the charges of corruption and bribery made against Senator Stephenson had not been proved and exonerated him from any attempt to corrupt the legislature of Wisconsin. The subcommittee's report was then laid before the full committee on privileges and elections and, after long consideration, was approved Feb. 19 by a vote of 8 to 5. The republicans voting for the report were Dillingham, Bradley, Gamble, Heyburn and Sutherland, and the democrats supporting it were Johnston, Fletcher and Pomerene. Those who voted against the report were Clapp, Jones and Kenyon, republicans, and Kern and Lea, democrats.

The matter was taken up by the senate March 25, when a speech was made by Senator Reed of Missouri against Senator Stephenson's retention of his seat. The following day a resolution offered

by Senator Jones of Washington declaring the seat vacant was defeated by a vote of 29 to 27. Many senators were paired and others were absent. March 27 the case came up for final disposition and the committee's resolution declaring Senator Stephenson to have been properly elected was passed by a vote of 40 to 34. The ballot was non-partisan, twelve democrats voting in favor of Mr. Stephenson and sixteen republicans against him. The vote was as follows:

FOR.

REPUBLICANS.

Bradley (Ky.).	Lorimer (Ill.).
Brandegee (Conn.).	McCumber (N. D.).
Briggs (N. J.).	McLean (Conn.).
Burnham (N. H.).	Nixon (Nev.).
Burton (O.).	Oliver (Pa.).
Clark (Wyo.).	Page (Vt.).
Crane (Mass.).	Penrose (Pa.).
Curtis (Kas.).	Perkins (Cal.).
Dillingham (Vt.).	Richardson (Del.).
DuPont (Del.).	Root (N. Y.).
Gamble (S. D.).	Smoot (Utah).
Heyburn (Idaho).	Sutherland (Utah).
Lippitt (R. I.).	Warren (Wyo.).
Lodge (Mass.).	Watson (R. I.).—23.

DEMOCRATS.

Bankhead (Ala.).	Overman (N. C.).
Chilton (W. Va.).	Pomerene (O.).
Fletcher (Fla.).	Rayner (Md.).
Foster (La.).	Smith (Md.).
Johnston (Ala.).	Thornton (La.).
Newlands (Nev.).	Watson (W. Va.).—12.

AGAINST.

REPUBLICANS.

Borah (Idaho).	Gronna (N. D.).
Bourne (Ore.).	Jones (Wash.).
Eristov (Kas.).	Kenyon (Iowa).
Brown (Neb.).	LaFollette (Wis.).
Clapp (Minn.).	Poin Dexter (Wash.).
Crawford (S. D.).	Smith (Mich.).
Cummins (Iowa).	Townsend (Mich.).
Dixon (Mont.).	Works (Cal.).

DEMOCRATS.

Bryan (Fla.).	Myers (Mont.).
Chamberlain (Ore.).	O'Gorman (N. Y.).
Culberson (Tex.).	Owen (Okla.).
Gardner (Me.).	Percy (Miss.).
Hitchcock (Neb.).	Shively (Ind.).
Johnson (Me.).	Smith (Ga.).
Kern (Ind.).	Smith (S. C.).
Lea (Tenn.).	Stone (Mo.).
Martine (N. J.).	Williams (Miss.).

BATTLE SHIP MAINE BURIED IN THE SEA.

The wreck of the battle ship Maine, sunk by an explosion in the harbor of Havana, Cuba, on the night of Feb. 15, 1898, was raised in 1911-1912 and was towed out to the open sea March 16, 1912, and sunk. The hulk was draped with roses, American flags and evergreen. Preceded by the cruisers Birmingham and North Carolina and followed by the vessels of the Cuban navy together with hundreds of smaller craft, making a line two miles long, the historic craft was pulled out into the gulf several miles from shore. A hollow square was formed by the escorting vessels and then Gen. William H. Bixby and Maj. H. B. Ferguson went aboard the hulk with a number of machinists and opened the sea doors in the hull. Ten minutes later the wreck sank to its last resting place in

deep water and, after the firing of a national salute, the ceremony was ended. Previous to the sinking of the Maine funeral services for sixteen of the dead found in the wreckage were held in Havana. The bodies were conveyed to the United States on the cruiser North Carolina and, with fifty-eight others previously interred at Havana, were buried in Arlington cemetery near Washington, D. C., March 23, with national honors, President Taft making the principal address.

It was the opinion of the experts who examined the uncovered hull of the Maine in the latter part of 1911 that the vessel was sunk by an exterior explosion. The total number of lives lost by the disaster was 266.

RESIGNATION OF DR. HARVEY W. WILEY.

Dr. Harvey W. Wiley, chief of the bureau of chemistry in the agricultural department at Washington, D. C., resigned his office March 15, 1912, owing to long continued friction with Solicitor George P. McCabe and Dr. Frederick Dunlap, associate chemist, respecting the enforcement of the pure food law. Dr. Wiley claimed that the president and the secretary of agriculture should have relieved him from the supervision of these

men, who had hampered him in the performance of his duties, with the result that one by one the fundamental principles of the pure food law had been paralyzed, that interests engaged in the manufacture of misbranded and adulterated foods and drugs had escaped punishment and that the activities of the bureau of chemistry had been restricted. Both President Taft and Secretary Wilson accepted the resignation with expressions of regret.

END OF PROCEEDINGS AGAINST PACKERS.

Feb. 13, 1903—Judge Grosscup issued injunction restraining packers from combining.

1904—Packers gave commissioner of corporations information about their business, an action on which later immunity claims were based. They alleged the government used the information as basis for indictments.

Feb. 20, 1905—Government began investigation of combine charges.

July 1, 1905—Indictment voted against four companies and sixteen packers.

Dec. 31, 1905—Cases were called for trial.

March 21, 1906—Packers are freed by "immunity bath" ruling of Judge Humphrey.

1906—Investigation taken up by federal grand jury and later discontinued.

1909—New investigation started.

March 21, 1910—Indictment voted against National Packing company and ten subsidiary concerns.

June 23, 1910—Indictment declared invalid by Judge Landis and new grand jury investigation ordered.

July 14, 1910—New inquiry started.

Sept. 12, 1910—Ten packers indicted.

March 22, 1911—Judge Carpenter denies plea to quash indictments.

April 1, 1911—Demurrers filed by defendants.

May 12, 1911—Demurrers overruled by Judge Carpenter.

May 16, 1911—Petition for rehearing filed.

June 19, 1911—Petition denied.

June 23, 1911—Bill of particulars refused by court.

July 5, 1911—Pleas of "not guilty" entered and trial set for Nov. 20.

Nov. 15, 1911—Defendants surrender and are released on habeas corpus application writ to test validity of Sherman law.

Nov. 18, 1911—Judge C. C. Kohlsaat denies release on writ.

Nov. 22, 1911—Judge Carpenter grants packers until Nov. 27 to go to Supreme court for stay, to appeal from Judge Kohlsaat's decision.

Nov. 23, 1911—Chief Justice White declines to interfere; refers matter to entire court.

Dec. 5, 1911—Stay denied by Supreme court.

Dec. 6, 1911—Trial begun, first panel of jurors called.

Dec. 19, 1911—A. H. Veeder, first witness, called.

March 12, 1912—Government rests case.

March 13, 1912—Judge Carpenter denies motion to take case from the jury.

March 14, 1912—Packers announce they have no evidence to put in.

March 15, 1912—Closing arguments to jury begun.

March 25, 1912—Case goes to the jury.

March 26, 1912—Jury finds packers not guilty.

Jan. 25, 1910, Judge Kenesaw M. Landis of the United States District court in Chicago impaneled a grand jury to investigate the so-called "beef combine" among the meat packers. Witnesses were summoned and the inquiry continued until March 21, when an indictment was returned charging the National Packing company and ten of its subsidiary corporations with conspiracy in violation of the Sherman antitrust law. On the same

date a bill in equity was filed by District Attorney Edwin W. Sims in the United States Circuit court, Chicago, against the National Packing company and subsidiary concerns and against its directors. It charged the packers with criminal conspiracy in fixing the prices of live stock and dressed meat and demanded the dissolution of the National Packing company and its allied concerns. It also asked that the individual defendants and their agents be prohibited from exercising any control over the corporations involved except such as might be necessary to wind up their affairs.

Upon a demurrer by counsel for the National Packing company and subsidiary concerns Judge Kenesaw M. Landis decided, June 23, that the indictment was invalid because it did not charge that during the last three years the defendants had been engaged in interstate commerce. He therefore sustained the demurrer, but at the same time ordered a special grand jury to make a new investigation. This was concluded Sept. 12, when the following ten packers were indicted as individuals: J. Ogden Armour, Louis F. Swift, Edward Morris, Edward Tilden, Arthur Meeker, Edward F. Swift, Charles H. Swift, Louis H. Heyman, Thomas J. Connors, Francis A. Fowler. Three indictments were returned against each defendant, reciting the violations of the Sherman antitrust law.

Counsel for the packers moved to quash the indictments in accordance with the immunity ruling of Judge Humphrey in 1906. This motion was overruled by Judge George A. Carpenter in the United States District court March 22, 1911, in a decision sustaining the indictments. On a demurrer that under the Sherman antitrust laws as they stand on the statute books the defendants could not be prosecuted criminally Judge Carpenter decided May 11 that this contention was invalid. He therefore overruled the demurrer.

Next the defendants asked for a rehearing and when their petition was denied requested a bill of particulars. This also was refused and the trial was set for Nov. 20. Five days before that time they surrendered and were released on a habeas corpus application writ to test the validity of the Sherman act. The application was heard by Judge C. C. Kohlsaat and denied. Thereupon the packers asked for a stay to appeal to the United States Supreme court to overrule Judge Kohlsaat's decision. They were given until Nov. 27 and the appeal was made, but the court declined to grant a stay and finally, Dec. 6, 1911, the case came to trial. The hearing continued through December, January and February to March 25, 1912, when the case went to the jury. Three ballots were taken. The first was eight to four for acquittal, the second ten to two for acquittal and the third was the verdict for acquittal.

The occupancy of positions as directors in the National Packing company by the leading officials of the three large companies formed the basis of the whole prosecution and one of the first results of the suit was the withdrawal from the National of all except Edward Tilden.

AMERICAN HALL OF FAME.

"The Hall of Fame for Great Americans" is the name of a building on University Heights in New York city, in which are inscribed on bronze tablets the names of famous American men and women. Nominations for the honor are made by the public and are submitted to a committee of 100 eminent citizens. In the case of men fifty-one votes are required and in the case of women forty-seven. The first balloting took place in October, 1900, when the following were chosen:

George Washington.
Abraham Lincoln.
Daniel Webster.
Benjamin Franklin.
Ulysses S. Grant.
John Marshall.
Thomas Jefferson.
Ralph W. Emerson.
H. W. Longfellow.
Robert Fulton.
Horace Mann.
Henry W. Beecher.
James Kent.
Joseph Story.
John Adams.
Washington Irving.

Jonathan Edwards.
Samuel F. B. Morse.
David G. Farragut.
Henry Clay.
Nathaniel Hawthorne.
George Peabody.
Robert E. Lee.
Peter Cooper.
Eli Whitney.
John J. Audubon.
William E. Channing.
Gilbert Stuart.
Asa Gray.

CHOSEN IN 1905.
John Quincy Adams.
James Russell Lowell.
William T. Sherman.
James Madison.
John G. Whittier.

Alexander Hamilton.
Louis Agassiz.
John Paul Jones.
Mary Lyon.
Emma Willard.
Maria Mitchell.

CHOSEN IN 1910.
Harriet Beecher Stowe.
Oliver Wendell Holmes.
Edgar Allan Poe.
Roger Williams.
James Fenimore Cooper.
Phillips Brooks.
William Cullen Bryant.
Frances E. Willard.
Andrew Jackson.
George Bancroft.
John Lothrop Motley.

TREATY WITH RUSSIA ABROGATED.

By instructions which President Taft caused the secretary of state to transmit to the American ambassador at St. Petersburg Dec. 15, 1911, there was given to the Russian government under date of Dec. 17, 1911, official notification on behalf of this government of intention to terminate the operation of the treaty of commerce and navigation of Dec. 18, 1832, between the United States and Russia upon the expiration of the year beginning Jan. 1, 1912. The reason for the abrogation of the treaty was given in a note from the American ambassador to the Russian minister of foreign affairs as follows:

"Under instructions from my government and in pursuance of the conversations held by the secretary of state with the Russian ambassador at Washington, I have now the honor to give to the imperial Russian government, on behalf of the United States, the official notification contemplated by article 12 of the treaty of 1832, whereby the operation of the said treaty will terminate in accordance with its terms on Jan. 1, 1913. Your excellency will recall that pourparlers between the two governments during the last three years have fully recognized the fact that this ancient treaty, as is quite natural, is no longer fully responsive in various respects to the needs of the political and material relations of the two countries, which grow constantly more important. The treaty has also given rise, from time to time, to certain controversies equally regretted by both governments. In conveying the present formal notification to your excellency I am instructed to express the desire of my government, meanwhile, to renew the effort to negotiate a modern treaty of friendship, commerce and navigation upon bases more perfectly responsive to the interests of both governments. I am directed by the president, at the same time, to emphasize the great value attached by the government of the United States to the historic relations between the two countries, and the desire of my government to spare no effort to make the outcome of the proposed negotiations contribute still further to the strength and cordiality of these relations."

This action was communicated by President Taft to the senate Dec. 13, with a view to its ratification. Senator Lodge of Massachusetts thereupon introduced a resolution reciting the facts, substantially as in the official note above quoted, and ratifying the action taken by the president. The resolution was passed unanimously by the senate Dec. 19 and was accepted without opposition by the house, which on Dec. 13 had passed the so-

called Sulzer resolution, charging Russia with having violated the treaty by refusing to honor American passports, duly issued to American citizens, on account of race and religion. The reference, of course, was to the fact that Russia had declined to recognize passports to persons of the Jewish race and religion. The Lodge resolution, which was couched in correct diplomatic language, was preferred by both houses and was signed by President Taft Dec. 21.

At a mass meeting of the nationalist party in St. Petersburg, Russia, Feb. 22, 1912, the abrogation of the treaty by the United States was denounced and resolutions were adopted for the total exclusion from Russia of Americans of Jewish faith and for tariff reprisals.

REICHSTAG ELECTIONS IN GERMANY.

Members of the German reichstag were elected Jan. 13, 1912, and in districts where the results were indecisive reballotings occurred Jan. 20 and 25. It was apparent from the start that there would be a swing toward socialism on account of dissatisfaction with the government's foreign policy and its failure to provide for franchise reform, but the extent of the movement was not generally realized until the returns from the last supplementary elections had been tabulated. It was then found that the socialists led all the other parties and groups in strength by a comfortable margin and that the old conservative-center alliance had been practically shorn of its power. The party alignment in the new reichstag, as the result of the elections, was as follows:

Socialists.....	110	Lorraines.....	2
Centrists.....	93	Guelphs.....	5
Conservatives.....	43	Danes.....	1
Free conservatives.....	14	Bavarian peasants.....	2
National liberals.....	45	German peasants.....	2
Radicals.....	41	Independent.....	3
Poles.....	18		
Anti-Semites.....	13	Total.....	397
Alsations.....	5		

Dr. Peter Spahn, leader of the clerical center party, was elected president of the reichstag Feb. 9 and Dr. Hermann S. Paasche, national liberal leader, second vice-president, but both resigned rather than serve with Phillip Scheidemann, socialist, who was elected first vice-president. Johannes Kaempf, radical deputy for central Berlin, was subsequently elected president and Heinrich Dove, also a radical, second vice-president.

PASSENGERS DEPARTED FROM UNITED STATES.

Fiscal year ended June 30, 1911.

Port.	Aliens.	Citizens.	Total.	Port.	Aliens.	Citizens.	Total.
Baltimore, Md.....	2,633	1,948	4,641	Seattle, Wash.....	2,633	788	3,421
Boston, Mass.....	20,942	12,645	33,607	Tampa, Fla.....	302	106	408
Canada (Atlantic).....	5,551	2,537	8,088	Total, 1911.....	518,215	349,472	867,687
Canada (border).....	80,792	90,768	171,560	Total, 1910.....	380,418	342,600	723,018
Canada (Pacific).....	848	470	1,318	By steamships, 1911.....	435,484	258,328	693,812
Galveston, Tex.....	933	486	1,419	By sailing ships, 1911.....	940	124	1,064
Honolulu, H. I.....	3,751	2,339	6,090	By land, 1911.....	81,791	91,020	172,811
Key West, Fla.....	6,262	6,881	13,143	PASSENGERS DEPARTED (BY YEARS).			
Knights Key, Fla.....	310	4,709	5,019	Year ended June 30.			
Mexico (border).....	999	252	1,251	1890.....	105,885	132,254	238,139
Miami, Fla.....	1,666	1,082	2,748	1900.....	155,895	137,499	293,394
Mobile, Ala.....	78	141	219	1901.....	148,564	158,160	306,724
New Bedford, Mass.....	277	19	296	1902.....	158,112	168,468	326,760
New Orleans, La.....	2,495	5,650	8,145	1903.....	168,684	206,577	375,261
New York, N. Y.....	362,561	204,398	567,499	1904.....	184,613	323,591	508,204
Norfolk, Va.....	1	.....	1	1905.....	201,208	334,943	536,151
Philadelphia, Pa.....	10,665	4,898	15,563	1906.....	214,669	282,068	496,737
Portland, Me.....	1,926	310	2,236	1907.....	224,893	344,989	569,882
Porto Rico.....	2,637	2,509	5,146	1908.....	236,781	637,905	874,686
Providence, R. I.....	200	104	304	1909.....	244,800	341,652	586,452
San Francisco, Cal.....	9,673	5,892	15,565				

FIRE IN OSAKA, JAPAN.

The city of Osaka, Japan, was visited by a great conflagration Jan. 16 and 17, 1912. Twenty persons were killed and 196 injured and 4,576 houses were destroyed, entailing a loss of about \$13,000,000.

The fire began in the Namba Shichi quarter and, fanned by a strong wind, swept through the most densely populated part of the city. Nearly 19,000 persons were made homeless.

WHAT TRAVELERS MAY BRING TO AMERICA.

[Treasury department's "Notice to Passengers," March 14, 1911.]

Paragraph 709, appearing in the free list of the present tariff act, governing passengers' baggage, is as follows:

"Wearing apparel, articles of personal adornment, toilet articles and similar personal effects of persons arriving in the United States; but this exemption shall only include such articles as actually accompany and are in the use of, and as necessary and appropriate for the wear and use of such persons, for the immediate purposes of the journey and present comfort and convenience, and shall not be held to apply to merchandise or articles intended for other persons or for sale; provided, that in case of residents of the United States, returning from abroad, all wearing apparel and other personal effects taken by them out of the United States to foreign countries shall be admitted free of duty, without regard to their value, upon their identity being established, under appropriate rules and regulations to be prescribed by the secretary of the treasury, but no more than \$100 in value of articles purchased abroad by such residents of the United States shall be admitted free of duty upon their return."

RESIDENTS OF THE UNITED STATES.

Residents of the United States must declare all articles which have been obtained abroad by purchase or otherwise, whether used or unused, and whether on their persons, in their clothing, or in their baggage. The foreign value of each article, stated in United States money, must also be declared.

Articles taken from the United States and remodeled, repaired or improved abroad must be declared and the cost of such remodeling, repairing or improving must be separately stated.

The following articles are dutiable:

Household effects, including books, pictures, furniture, tableware, table linen, bed linen and other similar articles, unless used abroad by the owner for a period of a year or more.

Goods in the piece.

Articles of any nature intended for sale or for other persons.

The following articles are free if under \$100 in value and if necessary for comfort and convenience for the purposes of the journey and not for sale nor for other persons:

Clothing.

Toilet articles, such as combs, brushes, soaps, cosmetics, shaving and manicure sets, etc.

Personal adornments, jewelry, etc.

Similar personal effects, which may include cameras, canes, fishing tackle, glasses (field, opera, marine), golf sticks, guns, musical instruments, parasols, photographs, smokers' articles, steamer rugs and shawls, toys, trunks, valises, etc.

Clothing and other personal effects, taken out of the United States by the passenger if not increased in value or improved in condition while abroad. If increased in value or improved in condition, they are dutiable on the cost of the repairs.

The above lists of articles which are dutiable and nondutiable are stated for the assistance of passengers and are not exhaustive. All articles are dutiable unless specifically exempted by law.

Pack in one trunk, if practicable, all dutiable articles.

Reputed bills for foreign purchases should be presented whenever possible.

Use does not exempt from duty wearing apparel or other articles obtained abroad, but such articles will be appraised at their value in the condition as imported, due allowance being made for depreciation through wear and use.

NONRESIDENTS OF THE UNITED STATES.

Nonresidents of the United States are entitled to bring in free of duty, without regard to the \$100 exemption, such articles as are in the nature of wearing apparel, articles of personal adornment, toilet articles and similar personal effects, necessary and appropriate for their wear and use for the purposes of the journey and present comfort and

convenience and which are not intended for other persons or for sale.

Citizens of the United States or persons who have at any time resided in this country shall be deemed to be residents of the United States unless they shall have abandoned their residence in this country and acquired an actual bona fide residence in a foreign country.

Such citizens or former residents who desire the privileges granted by law to nonresidents must show to the satisfaction of the collector's representative on the pier, subject to the collector's approval, that they have given up their residence in the United States and that they have become bona fide residents of a foreign country.

The residence of a wife follows that of the husband, and the residence of a minor child follows that of its parents.

GOODS OTHER THAN PERSONAL EFFECTS.

Household effects of persons or families from foreign countries will be admitted free of duty only if actually used abroad by them not less than one year, and if not intended for any other person, nor for sale. Such effects should be declared whether the passenger be a resident or a nonresident of the United States.

Articles intended for use in business or for other persons, theatrical apparel, properties and scenery, must be declared by passengers, whether residents or nonresidents.

CIGARS AND CIGARETTES.

All cigars and cigarettes must be declared. Each passenger over 15 years of age may bring in free of duty 50 cigars or 500 cigarettes if for the bona fide use of such passenger. Such cigars and cigarettes will be in addition to the articles included within the \$100 exemption.

BAGGAGE DECLARATIONS.

The law provides that every person entering the United States shall make a declaration and entry of his or her personal baggage. The law further requires that the values of articles shall be determined by customs officers, irrespective of the statements of passengers relative thereto.

It will thus be seen that there is no discourtesy in the requirement that both a declaration and an independent appraisal shall be made. Taken together, these requirements place the passenger in the same position as any other importer of merchandise.

Passengers should observe that on the sheet given them there are two forms of declarations; the one printed in black is for residents of the United States; the one in red, for nonresidents.

The exact number of pieces of baggage, including all trunks, valises, boxes, packages and hand bags, must be ascertained and accompanying the passenger must be stated in the declaration.

The senior member of a family, present as a passenger, may make declaration for the entire family.

Ladies traveling alone should state that fact in their declarations in order that an expeditious examination of their baggage may be made.

When the declaration is prepared and signed, the coupon at the bottom of the form must be detached and retained by the passenger, and the form given to the officer of the ship designated to receive the same. A declaration spoiled in its preparation must not be destroyed, but turned over to the purser, who will furnish a new blank to the passenger.

After all the baggage and effects of the passenger have been landed upon the pier, the coupon which has been retained by the passenger must be presented at the inspector's desk, whereupon an inspector will be detailed to examine the baggage. Passengers must acknowledge in person, on the pier, their signature to their declarations.

Examination of any baggage may be postponed if the passenger requests the officer taking his declaration to have it sent to the appraiser's store. Passengers must not deduct the \$100 exemption in making out their declarations. Such deductions will be made by customs officers on the pier.

CONTESTED VALUATION.

Passengers dissatisfied with values placed upon dutiable articles by the customs officers on the pier may demand a re-examination, but application therefor should be immediately made to the officers there in charge. If for any reason this course is impracticable, the packages containing the articles should be left in customs custody and application for reappraisal made to the collector of customs, in writing, within ten days after the original appraisal. No request for reappraisal can be entertained after the articles have been removed from customs custody.

MISCELLANEOUS PROVISIONS.

Currency (or certified checks after June 1, 1911) only can be accepted in payment of duties, but, upon request, baggage may be retained on the piers for twenty-four hours to enable the owner to secure currency or certified checks.

The offering of gratuities or bribes to customs officers is a violation of law. Customs officers who accept gratuities or bribes will be dismissed from the service and all parties concerned will be liable to criminal prosecution.

Discourtesy or incivility on the part of customs officers should be reported to the collector at the custom house, to the deputy collector or the deputy surveyor at the pier, or to the secretary of the treasury.

BAGGAGE FOR TRANSPORTATION IN BOND.

Baggage intended for delivery at ports in the United States other than the port of arrival, or in transit through the United States to a foreign country, may be forwarded thereto without the assessment of duty at the port of arrival, by the various railroads and express companies, whose representatives will be found on the pier.

Passengers desiring to have their baggage forwarded in bond should indicate such intention and state the value thereof in their declarations before any examination of the baggage has been made.

SEALSKIN GARMENTS.

An act of congress of 1897, as amended in 1910, expressly forbids the importation into the United States of garments made in whole or in part of the skins of seals taken in the waters of the Pacific ocean; and unless the owner is able to establish by competent evidence and to the satisfaction of the collector that the garments are not prohibited, they cannot be admitted.

PENALTY FOR NOT DECLARING ARTICLES OBTAINED ABROAD.

Under sections 2802 and 3082 of the revised statutes of the United States articles obtained abroad and not declared are subject to seizure, and the passenger is liable to criminal prosecution.

STRIKE OF BRITISH COAL MINERS.

More than 800,000 coal miners in England, Wales and Scotland went on a strike March 1, 1912, which continued until the first week in April, involving heavy financial losses not only to the employers and men directly involved, but to thousands of others. The poor in the large centers of population, as well as in the mining districts, suffered severely because of the scarcity and high prices of provisions and the lack of employment. Many factories were compelled to shut down and the railroads, in order to save coal, cut their service to the lowest possible limit. March 4 it was announced that 2,223 freight and passenger trains had been discontinued and more were taken off later.

The strike was determined upon by the miners' federation in January and efforts were made by the government to bring about an agreement between the employers and the men then, but without avail. The miners demanded the establishment of a minimum scale of wages in each district, ranging all the way from 4 shillings 11 pence (\$1.18) in Somersetshire and Bristol to 7 shillings 6 pence (\$1.80) in Yorkshire, Nottinghamshire and South Wales. The employers refused to consider the proposition. Afterward the miners said they would accept a general minimum of 5 shillings (\$1.20) for men and 2 shillings (48 cents) for boys. The government took the position that there were cases in which underground employees could not earn a minimum wage, from causes over which they had no control; that the power to earn such a wage should be secured by arrangements suitable to the special circumstances in each district, and announced that it was prepared to confer with the parties as to the best method of giving effect to

this conclusion by means of district conferences between the parties, a representative appointed by the government being present.

The government's views were enacted into law March 25-26 when the so-called minimum wage bill was passed by the house of commons and house of lords. Labor and radical members brought strong pressure to bear to insert the 5 and 2 shilling minimum, but the government refused to sanction it. While the miners were not satisfied with the law their leaders advised them to accept it and they did so. By April 8 most of the collieries were in full operation. The sole result of the strike from the standpoint of the men was the recognition in law of the minimum wage principle.

No exact statistics are available to show the total amount of unemployment caused by the coal strike, but the following figures were given by the London Times as approximately correct March 22:

Miners on strike.....	849,800
Surface men locked out.....	203,700
In other industries.....	497,160

Total1,550,660
It was estimated that the strike occasioned the loss of \$11,870,000 (\$59,350,000) in wages alone.

Sympathetic strikes were attempted by the coal miners of Germany and France, but these proved unsuccessful. In the Westphalian coal field some 175,000 men went out March 11, but as an equal number remained at work the demonstration proved a fizzle. Military preparations to preserve order and guard the mines had much to do with the result, according to general reports.

METHODIST GENERAL CONFERENCE.

The twenty-fifth quadrennial general conference of the Methodist Episcopal church was held in Minneapolis, Minn., May 1 to May 29, 1912. Much important business was transacted, including the election of eight bishops, two missionary bishops, editors of church publications, general superintendents, secretaries of the principal church organizations and publishing agents. It retired to the superannuate relation Bishops Warren, Moore and Neely, and accepted the resignation of Missionary Bishop William F. Oldham, that he might take the post of secretary of the foreign missionary society. The conference fixed an age limit for the retirement of bishops, the new rule to go into effect at the conference in 1916. The general conference may retire a bishop at any time and for any sufficient cause, but he must retire at the conference nearest his 73d birthday anniversary. The arrangement is such that a bishop may not

reach the age limit until he is 75 or he may reach it when he is only 71. A bishop may be retired at the age of 70 if he gives notice of his desire to do so.

The bishops elected were Homer C. Stuntz, Theodore S. Henderson, William O. Shepard, Naphtali Luccock, Francis J. McConnell, Frederick DeLand Leete, Richard Joseph Cooke, Wilbur P. Thirkield, John W. Robinson and William P. Eveland. The conference refused to rescind or change the disciplinary paragraph on dancing and other worldly amusements and it adopted a resolution that no man should be elected to a conference office who used tobacco in any form. It provided for the observance of the sesquicentennial of American methodism and ordered that the second Sunday in May of each year be observed as "Mothers' day."

The conference created episcopal residences at Kansas City, Kas., Atlanta, Ga., and Helena, Mont.

COPYRIGHT LAWS OF THE UNITED STATES.

Approved March 4, 1909.

The act to amend and consolidate the acts respecting copyright, in force July 1, 1909, provides that any person entitled thereto, upon complying with the provisions of the law, shall have the exclusive right (a) to print, reprint, publish, copy and vend the copyrighted work; (b) to translate the copyrighted work or make any other version of it if it be a literary work; to dramatize it if it be a nondramatic work; to convert it into a novel or other nondramatic work if it be a drama; to arrange or adapt it if it be a musical work; to finish it if it be a model or design for a work of art; (c) to deliver or authorize the delivery of the copyrighted work if it be a lecture, sermon, address or similar production; (d) to perform the copyrighted work publicly if it be a drama or, if it be a dramatic work and not reproduced in copies for sale, to vend the manuscript or any record thereof; to make or to procure the making of any transcription or record thereof by which it may in any manner be exhibited, performed or produced, and to exhibit, perform or produce it in any manner whatsoever; (e) to perform the copyrighted work publicly for profit if it be a musical composition and for the purpose of public performance for profit and to make any arrangement or setting of it in any system of notation or any form of record in which the thought of an author may be read or reproduced.

So far as it secures copyright controlling the parts of instruments serving to reproduce mechanically the musical work the law includes only compositions published after the act went into effect; it does not include the works of a foreign author or composer unless the country of which he is a citizen or subject grants similar rights to American citizens. Whenever the owner of a musical copyright has used or permitted the use of the copyrighted work upon the part of instruments serving to reproduce mechanically the musical work, any other person may make a similar use of the work upon the payment to the owner of a royalty of 2 cents on each such part manufactured. The reproduction or rendition of a musical composition by or upon coin-operated machines shall not be deemed a public performance for profit unless a fee is charged for admission to the place where the reproduction occurs.

The works for which copyright may be secured include all the writings of an author.

The application for registration shall specify to which of the following classes the work in which copyright is claimed belongs:

- (a) Books, including composite and cyclopedic works, directories, gazetteers and other compilations.
- (b) Periodicals, including newspapers.
- (c) Lectures, sermons, addresses, prepared for oral delivery.
- (d) Dramatic or dramatic-musical compositions.
- (e) Musical compositions.
- (f) Maps.
- (g) Works of art; models or designs for works of art.

(h) Reproductions of a work of art.

(i) Drawings or plastic works of a scientific or technical character.

- (j) Photographs.
- (k) Prints and pictorial illustrations.

These specifications do not, however, limit the subject matter of copyright as defined in the law nor does any error in classification invalidate the copyright protection secured.

Copyright extends to the work of a foreign author or proprietor only in case he is domiciled in the United States at the time of the first publication of his work or if the country of which he is a citizen grants similar copyright protection to citizens of the United States.

Any person entitled thereto by the law may secure copyright for his work by publication thereof with the notice of copyright required by the act, and such notice shall be affixed to each copy published or offered for sale in the United States. Such person may obtain registration of his claim to copyright by complying with the provisions of the act, including the deposit of copies, whereupon the register of copyrights shall issue to him a cer-

tificate as provided for in the law. Copyright may also be had of the works of an author of which copies are not reproduced for sale by the deposit with claim of copyright of one complete copy, if it be a lecture or similar production, or a dramatic or musical composition; of a photographic print if it be a photograph, or of a photograph or other identifying reproduction thereof if it be a work of art or a plastic work or drawing.

After copyright has been secured there must be deposited in the copyright office in Washington, D. C., two complete copies of the best edition thereof, which copies, if the work be a book or periodical, shall have been produced in accordance with the manufacturing provisions of the act, or if such work be a contribution to a periodical for which contribution special registration is requested, one copy of the issue or issues containing such contribution. Failure to deposit the copies within a given time after notice from the register of copyrights makes the proprietor of the copyright liable to a fine of \$100 and twice the retail price of the work, and the copyright becomes void.

The text of all books and periodicals specified in paragraphs (a) and (b) above, except the original text of a book of foreign origin in a language other than English, must in order to secure protection be printed from type set within the limits of the United States, either by hand, machinery, or other process, and the printing of the text and the binding of the books must also be done within the United States. An affidavit of such manufacture is required.

The notice of copyright required consists either of the word "copyright" or the abbreviation "copr.," accompanied by the name of the copyright proprietor, and if the work be a printed literary, musical or dramatic work, the notice must also include the year in which the copyright was secured by publication. In the case, however, of copies of works specified in paragraphs (f) to (k) inclusive (given above) the notice may consist of the letter C inclosed within a circle, accompanied by the initials, monogram, mark or symbol of the copyright proprietor, provided his name appears elsewhere on the copies. In the case of a book or other printed publication the notice shall be applied on the title page or on the page immediately following, or if a periodical either upon the title page or upon the first page of text of each separate number or under the title heading; or, in the case of musical work upon its title page or the first page of music.

Where the copyright proprietor has sought to comply with the law with respect to notice, the omission of such notice by mistake from a particular copy or copies shall not invalidate the copyright or prevent recovery for infringement against any person who, after actual notice of the copyright, begins an undertaking to infringe it, but shall prevent the recovery of damages against an innocent infringer who has been misled by the omission of the notice.

In the case of a book in English published abroad before publication in this country, the deposit in the copyright office within thirty days of one copy of the foreign edition, with a request for the reservation of the copyright, secures for the author or owner an ad interim copyright for thirty days after such deposit is made.

The copyright secured by the act endures for twenty-eight years from the date of the first publication. In the case of any posthumous work, periodical, encyclopedic or other composite work upon which the copyright was originally secured by the proprietor thereof, or of any work copyrighted by a corporate body, or by an employer for whom such work is made for hire, the proprietor of such copyright shall be entitled to a renewal of the copyright in such work for the further term of twenty-eight years when application for such renewal shall have been made within one year prior to the expiration of the original term. In the case of any other copyrighted work, including a contribution by an individual author to a periodical or to a cyclopedic or other composite work, when such contribution has been separately copyrighted, the author of such work, if living, or the heirs, executors or next of kin, if the author be dead, shall be en-

titled to a renewal of the copyright for a further term of twenty-eight years. In default of such application for renewal the copyright in any work shall end at the expiration of twenty-eight years.

If any person shall infringe the copyright in any work protected under the copyright laws of the United States, such person shall be liable:

(a) To an injunction restraining such infringement.

(b) To pay to the copyright proprietor such damages as the copyright proprietor may have suffered due to the infringement, as well as all the profits which the infringer shall have made from such infringement, and in proving profits the plaintiff shall be required to prove sales only and the defendant shall be required to prove every element of cost which he claims, or in lieu of actual damages or profits such damages as to the court shall appear to be just, and an assessor of damages the court may, in its discretion, allow the amounts as hereinafter stated (in numbered paragraphs), but in the case of a newspaper reproduction of a copyrighted photograph such damages shall not exceed the sum of \$200 nor be less than \$50, and such damages shall in no other case exceed the sum of \$250 and shall not be regarded as a penalty:

1. In the case of a painting, statue or sculpture, \$10 for every infringing copy made or sold by or found in the possession of the infringer or his agents or employees;

2. In the case of any work enumerated in the list (given above) of works for which copyright may be asked, except a painting, statue or sculpture, \$1 for every infringing copy.

3. In the case of a lecture, sermon or address, \$50 for every infringing delivery.

4. In the case of dramatic or dramatico-musical or a choral or orchestral composition, \$100 for the first and \$50 for every subsequent infringing performance; in the case of other musical compositions, \$10 for every infringing performance.

(c) To deliver up on oath all articles alleged to infringe a copyright.

(d) To deliver up on oath for destruction all the infringing copies or devices, as well as all plates, molds, matrices or other means for making such infringing copies, as the court may order.

(e) Whenever the owner of a musical copyright has used or permitted the use of the copyrighted work upon the parts of musical instruments serving to reproduce mechanically the musical work, then in case of infringement by the unauthorized manufacture, use or sale of interchangeable parts, such as disks, rolls, bands or cylinders for use in mechanical music-producing machines, no criminal action shall be brought, but in a civil action an injunction may be granted upon such terms as the court may impose and the plaintiff shall be entitled to recover in lieu of profits and damages a royalty as provided in the act.

Any person who shall willfully and for profit infringe any copyright, or willfully aid or abet such infringement, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by imprisonment for not exceeding one year or by a fine of not less than \$100 nor more than \$1,000, or both, in the discretion of the court. It is provided, however, that nothing in the act shall prevent the performance of religious or secular works, such as oratorios, cantatas, masses or octavo choruses by public schools, church choirs or vocal societies, provided the performance is for charitable or educational purposes and not for profit.

Any person who shall fraudulently place a copyright notice upon any uncopyrighted article, or shall fraudulently remove or alter the notice upon any copyrighted article, shall be deemed guilty of a misdemeanor and shall be subject to a fine of not less than \$100 nor more than \$1,000. Any person who shall knowingly sell or issue any article bearing a notice of United States copyright which has not been copyrighted in this country, or who shall knowingly import any article bearing such notice, shall be liable to a fine of \$100.

During the existence of the American copyright in any book the importation of any piratical copies thereof or of any copies not produced in accordance with the manufacturing provisions of the copyright law, or of any plates of the same not made from type set in this country, or any copies

produced by lithographic or photo-engraving process not performed within the United States, is prohibited. Except as to piratical copies this does not apply:

(a) To works in raised characters for the blind;

(b) To a foreign newspaper or magazine, although containing matter copyrighted in the United States printed or reprinted by authority of the copyright owner, unless such newspaper or magazine contains also copyright matter printed without such authorization;

(c) To the authorized edition of a book in a foreign language of which only a translation into English has been copyrighted in this country;

(d) To any book published abroad with the authorization of the author or copyright proprietor under the following circumstances:

1. When imported, not more than one copy at a time, for individual use and not for sale, but such privilege of importation shall not extend to a foreign reprint of a book by an American author copyrighted in the United States;

2. When imported by or for the use of the United States;

3. When imported, for use and not for sale, not more than one copy of any such book in any one invoice, in good faith, by or for any society or institution incorporated for educational, literary, philosophical, scientific or religious purposes, or for the encouragement of the fine arts, or for any college, academy school or seminary of learning, or for any state school, college, university or free public library in the United States;

4. When such books form parts of libraries or collections purchased en bloc for the use of societies, institutions or libraries, or form parts of the library or personal baggage belonging to persons or families arriving from foreign countries and are not intended for sale.

No criminal actions shall be maintained under the copyright law unless the same be begun within three years after the cause of action arose.

Copyright may be assigned, mortgaged or bequeathed by will.

There shall be appointed by the librarian of congress a register of copyrights at a salary of \$4,000 a year and an assistant register at \$3,000 a year.

These with their subordinate assistants shall perform all the duties relating to the registration of copyrights. The register of copyrights shall keep such record books in the copyright office as are required to carry out the provisions of the law, and whenever desired has been made in the copyright office of a copy of any work under the provisions of the act he shall make entry thereof.

In the case of each entry the person recorded as the claimant of the copyright shall be entitled to a certificate of registration under seal of the copyright office.

The register of copyrights shall receive and the persons to whom the services designated are rendered shall pay the following fees: For the registration of any work subject to copyright, \$1, which sum is to include a certificate of registration under seal: provided that in the case of photographs the fee shall be 50 cents where a certificate is not demanded. For every additional certificate of registration made, 50 cents. For recording and certifying any instrument of writing for the assignment of copyright or license, or for any copy of such certificate or license, duly certified, if not over 300 words in length, \$1; if more than 300 and less than 1,000, \$2; if more than 1,000 words in length, \$1 additional for each 1,000 words or fraction thereof over 300 words. For recording the notice of user or acquiescence specified in the act, 25 cents for each notice of not over fifty words and an additional 25 cents for each additional 100 words. For comparing any copy of an assignment with the record of such document in the copyright office and certifying the same under seal, \$1. For recording the extension or renewal of copyright, 50 cents. For recording the transfer of the proprietorship of copyrighted articles, 10 cents for each title of a book or other article in addition to the fee for recording the instrument of assignment. For any requested search of copyright office records, indexes or deposits, 50 cents for each full hour consumed in making such search. Only one registration at

one fee shall be required in the case of several volumes of the same book deposited at the same time.

APPLICATIONS FOR PATENTS.

[Condensed from Rules of Practice

A patent may be obtained by any person who has invented or discovered any new and useful art, machine, manufacture or composition of matter, or any new and useful improvement thereof not previously patented or described in this or any other country, for more than two years prior to his application, unless the same is proved to have been abandoned. A patent may also be obtained for any new design for a manufacture, bust, statue, alto-relievo or bas-relief; for the printing of wooden, silk or other fabrics; for any new impression, ornament, pattern, print or picture to be placed on or woven into any article of manufacture; and for any new, useful and original shape or configuration of any article of manufacture, upon payment of fees and taking the other necessary steps.

Applications for patents must be in writing, in the English language and signed by the inventor if alive. The application must include the first fee of \$15, a petition, specification and oath, and drawings, model or specimen when required. The petition must be addressed to the commissioner of patents and must give the name and full address of the applicant, must designate by title the invention sought to be patented, must contain a reference to the specification for a full disclosure of such invention and must be signed by the applicant.

The specification must contain the following in the order named: Name and residence of the applicant with title of invention; a general statement of the object and nature of the invention; a brief description of the several views of the drawings of the invention and a full and complete illustration; a detailed description; claim or claims; signature of inventor and signatures of two witnesses. Claims for a machine and its product and claims for a machine and the process in the performance of which the machine is used must be presented in separate applications, but claims for a process and its product may be presented in the same application.

The applicant, if the inventor, must make oath or affirmation that he believes himself to be the first inventor or discoverer of that which he seeks to have patented. The oath or affirmation must also state of what country he is a citizen and where he resides. In every original application the applicant must swear or affirm that the invention has not been patented to himself or to others with his knowledge or consent in this or any foreign country for more than two years prior to his application, or on an application for a patent filed in any foreign country by himself or his legal representatives or assigns more than seven months prior to his application. If application has been made in any foreign country, full and explicit details must be given. The oath or affirmation may

be made before any one who is authorized by the laws of his country to administer oaths.

Drawings must be on white paper with India ink and the sheets must be exactly 10x15 inches in size, with a margin of one inch. They must show all details clearly and without the use of superfluous lines.

Applications for reissues must state why the original patent is believed to be defective and tell precisely how the errors were made. These applications must be accompanied by the original patent and an offer to surrender the same; or, if the original be lost, by an affidavit to that effect and certified copy of the patent. Every applicant whose claims have been twice rejected for the same reasons may appeal from the primary examiners to the examiners in chief upon the payment of a fee of \$10.

The duration of patents is for seventeen years except in the case of design patents, which may be for three and a half, seven or fourteen years, as the inventor may elect.

Caveats or notices given to the patent office of claims to inventions to prevent the issue of patents to other persons upon the same invention, without notice to caveaters, may be filed upon the payment of a fee of \$10. Caveats must contain the same information as applications for patents.

Schedule of fees and prices:	
Original application.....	\$15.00
On issue of patent.....	20.00
Design patent (3½ years).....	10.00
Design patent (7 years).....	15.00
Design patent (14 years).....	30.00
Caveat.....	10.00
Reissue.....	30.00
First appeal.....	10.00
Second appeal.....	20.00

For certified copies of printed patents:	
Specifications and drawing, per copy.....	\$0.05
Certificate.....	.25
Grant.....	.50
For manuscript copies of records, per 100 words.....	.10
If certified, for certificate.....	.25
Blue prints of drawings, 10x15, per copy.....	.25
Blue prints of drawings, 7x11, per copy.....	.15
Blue prints of drawings, 5x8, per copy.....	.05
For searching records or titles, per hour.....	.50
For the Official Gazette, per year, in United States.....	5.00

PATENT OFFICE STATISTICS					
Yr.	Applications.	Issues.	Yr.	Applications.	Issues.
1900.....	41,890	26,499	1906.....	56,482	31,965
1901.....	46,449	27,373	1907.....	57,679	36,620
1902.....	46,641	27,886	1908.....	60,142	33,632
1903.....	50,213	31,699	1909.....	64,408	37,421
1904.....	52,143	30,934	1910.....	63,293	35,930
1905.....	54,971	30,399	1911.....	67,370	34,084

REGISTRATION OF TRADE-MARKS.

Under the law passed by congress Feb. 20, 1905, and effective April 1, 1905, citizens of the United States, or foreigners living in countries affording similar privileges to citizens of the United States, may obtain registration of trade-marks used in commerce with foreign nations, or among the several states, or with Indian tribes, by complying with the following requirements: First, filing in the patent office an application therefor. In writing, addressed to the commissioner of patents, signed by the applicant, specifying his name, domicile, location and citizenship; the class of merchandise and the particular description of goods comprised in such class to which the trade-mark is appropriated; a statement of the mode in which the same is applied and affixed to goods, and the length of time during which the trade-mark has been used. With this statement shall be filed a drawing of the trade-mark, signed by the applicant or his attorney, and such number of specimens of the trade-mark as may be required by

the commissioner of patents. Second, by paying into the treasury of the United States the sum of \$10 and otherwise complying with the requirements of the law and such regulations as may be prescribed by the commissioner of patents.

The application must be accompanied by a written declaration to the effect that the applicant believes himself to be the owner of the trade-mark sought to be registered and that no other person or corporation has the right to use it; that such trade-mark is in use and that the description and drawing presented are correct. Trade-marks consisting of or comprising immoral or scandalous matter, the coat of arms, flag or other insignia of the United States or of any state or foreign nation cannot be registered. Fees for renewal of trade-marks and for filing opposition to registration are \$10 each; for appeals from examiners to the commissioner of patents, \$15 each.

Further information may be had by applying to the commissioner of patents, Washington, D. C.

UNITED STATES CIVIL SERVICE.

Civil-service act approved Jan. 16, 1883.

Officers—Three commissioners are appointed by the president to assist him in classifying the government offices and positions, formulating rules and enforcing the law. Their office is in Washington, D. C. The chief examiner is appointed by the commissioners to secure accuracy, uniformity and justice in the proceedings of the examining boards. The secretary to the commission is appointed by the president.

General Rules—The fundamental rules governing appointments to government positions are found in the civil-service act itself. Based upon these are many other regulations formulated by the commission and promulgated by the president from time to time as new contingencies arise. The present rules were approved March 20, 1903, and went into effect April 15, 1903. In a general way they require that there must be free, open examinations of applicants for positions in the public service; that appointments shall be made from those graded highest in the examinations; that appointments to the service in Washington shall be appointed among the states and territories according to population; that there shall be a period (six months) of probation before any absolute appointment is made; that no person in the public service is for that reason obliged to contribute to any political fund or is subject to dismissal for refusing to so contribute; that no person in the public service has any right to use his official authority or influence to coerce the political action of any person. Applicants for positions shall not be questioned as to their political or religious beliefs and no discrimination shall be exercised against or in favor of any applicant or employee on account of his religion or politics. The classified civil service shall include all officers and employees in the executive civil service of the United States except laborers and persons whose appointments are subject to confirmation by the senate.

Examinations—These are conducted by boards of examiners chosen from among persons in government employ and are held twice a year in all the states and territories at convenient places. In Illinois, for example, they are usually held at Cairo, Chicago and Peoria. The dates are announced through the newspapers or by other means. They can always be learned by applying to the commission or to the nearest postoffice or custom house. Those who desire to take examinations are advised to write to the commission in Washington for the "Manual of Examinations," which is sent free to all applicants. It is revised semiannually to Jan. 1 and July 1. The January edition contains a schedule of the spring examinations and the July edition contains a schedule of the fall examinations. Full information is given as to the methods and rules governing examinations, manner of making application, qualifications required, regulations for rating examination papers, certification for and chances of appointment, and as far as possible it outlines the scope of the different subjects of general and technical examinations. These are practical in character and are designed to test the relative capacity and fitness to discharge the duties to be performed. It is necessary to obtain an average percentage of 70 to be eligible for appointment, except that applicants entitled to preference because of honorable discharge from the military or naval service for disability resulting from wounds or sickness incurred in the line of duty may obtain but 65 per cent. The period of eligibility is one year.

Qualifications of Applicants—No person will be examined who is not a citizen of the United States; who is not within the age limitations prescribed; who is physically disqualified for the service which he seeks; who has been guilty of criminal, infamous, dishonest or disgraceful conduct; who has been dismissed from the public service for delinquency and misconduct or has failed to receive absolute appointment after probation; who is addicted to the habitual use of intoxicating liquors to excess, or who has made a false statement in his application. The age limitations in the more important branches of the public service are: Postoffice, 18 to 45 years; rural letter carriers, 17 to 55; internal revenue, 21 years and over; railway mail,

18 to 35; lighthouse, 18 to 50; life saving, 18 to 45; general departmental, 20 and over. These age limitations are subject to change by the commission. They do not apply to applicants of the preferred class. Applicants for the position of railway mail clerk must be at least 5 feet 6 inches in height, exclusive of boots or shoes, and weigh not less than 135 pounds in ordinary clothing and have no physical defects. Applicants for certain other positions have to come up to similar physical requirements.

Method of Appointment—Whenever a vacancy exists the appointing officer makes requisition upon the civil-service commission for a certification of names to fill the vacancy, specifying the kind of position vacant, the sex desired and the salary. The commission thereupon takes from the proper register of eligibles the names of three persons standing highest of the sex called for and certifies them to the appointing officer, who is required to make the selection. He may choose any one of the three names, returning the other two to the register to await further certification. The time of examination is not considered, as the highest in average percentage on the register must be certified first. If after a probationary period of six months the name of the appointee is continued on the roll of the department in which he serves the appointment is considered absolute.

Removals—No person can be removed from a competitive position except for such cause as will promote the efficiency of the public service and for reasons given in writing. No examination of witnesses nor any trial shall be required except in the discretion of the officer making the removal.

Salaries—Entrance to the department service is usually in the lowest grades, the higher grades being generally filled by promotion. The usual entrance grade is about \$900, but the applicant may be appointed at \$840, \$760 or even \$600.

EMPLOYEES IN THE FEDERAL CIVIL SERVICE.

June 30, 1911.

IN WASHINGTON.

White house.....	34
State department.....	245
Treasury department.....	7,481
War department.....	2,269
Navy department.....	1,093
Postoffice department.....	1,683
Interior department.....	5,841
Department of justice.....	1,143
Department of agriculture.....	3,177
Department of commerce and labor.....	4,634
Interstate commerce commission.....	667
Civil service commission.....	185
Smithsonian institution.....	670
State, war and navy department building.....	232
Isthmian canal commission.....	155
Government printing office.....	4,002
Total	33,811

OUTSIDE WASHINGTON.

Treasury department—	
Supervising architect.....	3,993
Mints and assay offices.....	875
Subtreasury service.....	391
Public health and marine hospital service.....	3,201
Life saving service.....	2,249
Customs service.....	7,652
Internal revenue service.....	3,830
Miscellaneous	461
War department—	
Quartermaster's department.....	8,530
Ordnance department.....	4,817
Engineer department.....	13,573
Miscellaneous	2,166
Navy department—	
Trade and labor positions.....	25,000
Exclusive of trade and labor positions.....	2,835
Postoffice department—	
Inspection service and stamp agencies.....	415
Postoffice service.....	98,172
Fourth class postmasters.....	51,287

Rural free delivery service.....	42,431
Railway mail service.....	17,558
Interior department—	
Land service.....	1,218
Pension agency service.....	5,015
Indian service.....	7,127
Reclamation service.....	1,573
Miscellaneous.....	589
Department of justice.....	2,284
Department of agriculture.....	9,904
Department of commerce and labor—	

Lighthouse service.....	6,868
Immigration service.....	1,698
Steamboat inspection service.....	308
Miscellaneous.....	2,128
Civil service commission.....	41
Isthmian canal service.....	1,149
Total.....	363,159
Grand total*.....	391,350
*Includes 28,191 unclassified employes of isthmian canal commission.	

THE SHERMAN ANTITRUST LAW.

Passed by the 51st congress and approved July 2, 1890.

Section 1. Every contract, combination in the form of trust or otherwise, or conspiracy in restraint of trade or commerce among the several states or with foreign nations is hereby declared to be illegal. Every person who shall make any such contract or engage in any such combination or conspiracy shall be deemed guilty of a misdemeanor, and, on conviction thereof, shall be punished by fine not exceeding \$5,000 or by imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

Sec. 2. Every person who shall monopolize or attempt to monopolize or combine or conspire with any person or persons to monopolize any part of the trade or commerce among the several states or with foreign nations shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by fine not exceeding \$5,000 or by imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

Sec. 3. Every contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce in any territory of the United States or of the District of Columbia, or in restraint of trade or commerce between any such territory and another, or between any such territory or territories and any state or states or the District of Columbia or with foreign nations, or between the District of Columbia and any state or states or foreign nations, is hereby declared illegal. Every person who shall make any such contract or engage in any such combination or conspiracy shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by fine not exceeding \$5,000 or by imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

Sec. 4. The several Circuit courts of the United States are hereby invested with jurisdiction to prevent or restrain violations of this act; and it shall be the duty of the several district attorneys of the United States, in their respective districts, under the direction of the attorney-general, to institute proceedings in equity to prevent and restrain such violations. Such proceedings may be by way of petition setting forth the case and pray-

ing that such violation shall be enjoined or otherwise prohibited. When the parties complained of shall have been duly notified of such petition the court shall proceed, as soon as may be, to the hearing and determination of the case; and pending such petition and before final decree the court may at any time make such temporary restraining order or prohibition as shall be deemed just in the premises.

Sec. 5. Whenever it shall appear to the court before which any proceeding under section 4 of this act may be pending that the ends of justice require that other parties should be brought before the court, the court may cause them to be summoned, whether they reside in the district in which the court is held or not; and subpoenas to that end may be served in any district by the marshal thereof.

Sec. 6. Any property owned under any contract or by any combination or pursuant to any conspiracy (and being the subject thereof) mentioned in section 1 of this act and being in the course of transportation from one state to another or to a foreign country shall be forfeited to the United States and may be seized and condemned by like proceedings as those provided by law for the forfeiture, seizure and condemnation of property imported into the United States contrary to law.

Sec. 7. Any person who shall be injured in his business or property by any other person or corporation by reason of anything forbidden or declared unlawful by this act may sue therefor in any Circuit court of the United States in the district in which the defendant resides or is found, without respect to the amount in controversy, and shall recover threefold the damages by him sustained and the cost of suit, including a reasonable attorney's fee.

Sec. 8. That the word "person" or "persons" wherever used in this act be deemed to include corporations and associations existing under or authorized by the laws of either the United States, the laws of any of the territories, the laws of any state or the laws of any foreign country.

FOUNDATION FOR THE PROMOTION OF INDUSTRIAL PEACE.

Established in 1907.

In 1906 President Theodore Roosevelt was awarded the Alfred B. Nobel peace prize and at his suggestion an act was passed by congress March 2, 1907, establishing the Foundation for the Promotion of Industrial Peace. To this organization he turned over the money received from the Nobel committee to be used as the nucleus of a fund the income of which is to be used in promoting an annual conference in Washington between representatives of capital and of labor with a view to bringing about a better understanding between employers and em-

ployes, thus promoting industrial peace. The chief justice of the United States Supreme court, the secretary of agriculture and the secretary of commerce and labor, and their successors in office, and four persons appointed by the president of the United States to represent capital, labor and the general public, are the trustees. The trustees are authorized to pay over the funds from time to time to a committee of nine members, known as "the industrial peace committee," whose duty it is to make arrangements for the conferences.

THE SAGE FOUNDATION.

March 12, 1907, Mrs. Russell Sage of New York announced that she had set aside the sum of \$10,000,000 to be known as the Sage Foundation and to be devoted to the improvement of the social and living conditions in the United States. As trustees she appointed Robert W. DeForest, Cleveland H. Dodge, Daniel C. Gilman, John M. Glenn, Miss Helen Gould, Mrs. William B. Rice and Miss Louise L. Schuyler.

Following is a part of the statement given out

by Mrs. Sage as to the object of the gift: "I have set aside \$10,000,000 for the endowment of this foundation. Its object is the improvement of social and living conditions in the United States. The means to that end will include research, publication, education, the establishment and maintenance of charitable and beneficial activities, agencies and institutions and the aid of any such activities, agencies and institutions already established."

APPORTIONMENT OF REPRESENTATIVES.

[From census bureau report.]

The apportionment of representatives in congress, under the first six censuses—1790 to 1840, inclusive—was made by congress, each by a separate act. The law for taking the census of 1850, which was intended to be permanent, presented a rule of apportionment, fixed the number of members of the house at 233 and directed the secretary of the interior thereafter to make the apportionment. The apportionment of 1860 was also made under this law, but congress, on March 4, 1862, fixed the total number of representatives at 241, and the secretary of the interior apportioned the new quotas to the states. The apportionments from and after the census of 1870 were made by congress, each by a separate act, hence it may be assumed that the power conferred on the secretary of the interior by the act of May 23, 1850, was repealed by implication. The following shows the dates of the ap-

portionment acts and the ratio of population to each representative:

Census.	Date.	Ratio.
1910	Aug. 8, 1911	211,877
1900	Jan. 16, 1901	194,182
1890	Feb. 7, 1891	173,901
1880	Feb. 25, 1882	151,911
1870	Feb. 2, 1872	131,425
1860	May 23, 1860	127,381
1850	May 23, 1850	93,423
1840	June 25, 1842	70,680
1830	May 22, 1832	47,700
1820	May 7, 1822	40,000
1810	Dec. 21, 1811	35,000
1800	Jan. 14, 1802	33,000
1790	April 14, 1792	33,000
.....	Constitution, 1789	30,000

REPRESENTATIVES UNDER EACH APPORTIONMENT.

STATE.	1910.	1900.	1890.	1880.	1870.	1860.	1850.	1840.	1830.	1820.	1810.	1800.	1790.	1789.
Alabama.....	10	9	9	8	8	6	7	7	5	3	*1	.....	.....	.....
Arizona.....	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas.....	7	7	6	5	4	3	2	1	*1	.....	.....	.....	.....	.....
California.....	11	8	7	6	4	3	2	*2	.....	.....	.....	.....	.....	.....
Colorado.....	4	3	2	1	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut.....	5	5	4	4	4	4	4	4	6	5	7	7	7	5
Delaware.....	4	1	1	1	1	1	1	1	1	1	2	1	1	1
Florida.....	4	3	2	2	2	1	1	*1	.....	.....	.....	.....	.....	.....
Georgia.....	12	11	11	10	9	7	8	8	9	7	6	4	2	3
Idaho.....	2	1	1	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	27	25	22	20	19	14	9	7	3	1	*1	.....	.....	.....
Indiana.....	13	13	13	13	13	11	11	10	7	3	*1	.....	.....	.....
Iowa.....	11	11	11	11	9	6	2	*2	.....	.....	.....	.....	.....	.....
Kansas.....	8	8	8	7	7	6	5	4	3	3	.....	.....	.....	.....
Kentucky.....	11	11	11	11	10	9	10	10	12	12	10	6	2	.....
Louisiana.....	8	7	7	6	6	5	4	4	3	3	*1	.....	.....	.....
Maine.....	4	4	4	4	5	5	6	6	7	7	7	9	8	6
Maryland.....	6	6	6	6	6	5	6	6	8	9	9	9	8	6
Massachusetts.....	16	14	13	12	11	10	11	10	12	13	13	17	14	8
Michigan.....	13	12	12	11	9	6	4	3	*1	.....	.....	.....	.....	.....
Minnesota.....	10	9	7	5	3	2	*2	.....	.....	.....	.....	.....	.....	.....
Mississippi.....	8	8	7	7	6	5	5	6	4	2	1	*1	.....	.....
Missouri.....	16	16	15	14	13	9	7	5	2	1	.....	.....	.....	.....
Montana.....	2	1	1	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska.....	6	6	6	6	3	1	*1	.....	.....	.....	.....	.....	.....	.....
Nevada.....	1	1	1	1	1	*1	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	2	2	2	2	2	3	3	4	5	6	6	5	4	3
New Jersey.....	12	10	8	7	7	5	5	5	6	6	6	6	5	4
New Mexico.....	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	43	37	34	34	33	31	33	34	40	34	27	17	10	6
North Carolina.....	10	10	9	9	8	8	8	9	13	13	13	12	10	5
North Dakota.....	3	2	1	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	22	21	21	21	20	19	21	21	19	14	6	*1	.....	.....
Oklahoma.....	8	*5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	3	2	2	1	1	1	*1	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	36	32	30	28	27	24	25	24	26	26	23	18	13	8
Rhode Island.....	3	2	2	2	2	2	2	2	2	2	2	2	2	1
South Carolina.....	7	3	2	*2	5	4	6	7	9	9	8	6	5	.....
South Dakota.....	3	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	10	10	10	10	10	8	10	11	13	9	6	3	*1	.....
Texas.....	18	16	13	11	6	4	2	*2	.....	.....	.....	.....	.....	.....
Utah.....	2	1	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont.....	2	2	2	2	3	3	3	4	5	5	6	4	2	.....
Virginia.....	10	10	10	10	9	11	13	15	21	22	23	22	19	10
Washington.....	5	3	2	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia.....	6	6	4	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	11	11	10	9	8	6	3	*2	.....	.....	.....	.....	.....	.....
Wyoming.....	1	1	1	*1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	433	386	356	325	292	241	234	223	240	213	181	141	105	65
Added*.....	2	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Assigned to new states after apportionment. Included in table, but not in total under apportionment.

DEATH OF KING FREDERICK VIII.

King Frederick VIII. of Denmark died in Hamburg, Germany, May 14, 1912. He was on his way home from a trip to the south of Europe, where he had been convalescing from an attack of inflammation of the lungs. With the queen and the royal suite he took quarters at the Hamburgerhof hotel and in the evening about 10 o'clock went out unattended for a stroll. He had gone but a short distance when he was overcome by a stroke

of apoplexy and, not being recognized, was taken to the nearest hospital, where the physicians found that death had been instantaneous. It was late at night before he was missed by his attendants and a search made for him, which resulted in the discovery of his dead body in the hospital. He was born June 3, 1843, and ascended the throne of Denmark Jan. 29, 1906. He was succeeded by Crown Prince Christian, who took the title of Christian X.

QUALIFICATIONS FOR SUFFRAGE.

REQUIREMENTS FOR VOTERS IN THE VARIOUS STATES.	PREVIOUS RESIDENCE REQUIRED.				Registration.	Ballot reform.	Excluded from voting.
	State.	County.	Town.	Precinct.			
ALABAMA—Citizens of good character and understanding, or aliens who have declared intention; must show poll-tax receipt.	2 y.	1 y.	3 m.	3 m.	Yes.	Yes.	If convicted of treason, embezzlement of public funds, malfeasance in office or other penitentiary offenses, idiots or insane.
ARIZONA—Male and female citizens of the United States.	1 y.	.....	.....	.....	.....	.....	Persons under guardianship, non compos mentis, insane or convicted of treason or felony.
ARKANSAS—Like Alabama, except as to "good character."	1 y.	6 m.	30 d.	30 d.	No.	Yes.	Idiots, insane, convicts until pardoned, nonpayment of poll tax.
CALIFORNIA—Citizens, male or female; naturalized for 90 days, or treaty of Queretaro.	1 y.	90 d.	.....	30 d.	Yes.	Yes.	Chinese, insane, embezzlers of public moneys, convicts.
COLORADO—Citizens, male or female; aliens who declared intention 4 months before election.	1 y.	30 d.	30 d.	10 d.	Yes.	Yes.	Persons under guardianship, insane, idiots, prisoners convicted of bribery.
CONNECTICUT—Citizens who can read English.	1 y.	.....	6 m.	.....	Yes.	Yes.	Convicted of felony or other infamous crime unless pardoned.
DELAWARE—Citizens paying \$1 registration fee.	1 y.	3 m.	.....	30 d.	No.	Yes.	Insane, idiots, felons, paupers.
FLORIDA—Citizens of the U. S.	1 y.	6 m.	.....	30 d.	Yes.	Yes.	Persons not registered, insane, convicts.
GEORGIA—Citizens who can read and have paid all taxes since 1877.	1 y.	6 m.	.....	.....	(a)	No.	Persons convicted of crimes punishable by imprisonment, insane, delinquent taxpayers.
IDAHIO—Citizens, male or female.	6 m.	30 d.	3 m.	10 d.	Yes.	Yes.	Chinese, Indians, insane, felons, polygamists, bigamists, traitors, bribers.
ILLINOIS—Citizens of the U. S.	1 y.	30 d.	30 d.	30 d.	Yes.	Yes.	Convicts of penitentiary until pardoned.
INDIANA—Citizens, or aliens who have declared intention and resided 1 year in United States.	6 m.	30 d.	30 d.	30 d.	No.	Yes.	Convicts and persons disqualified by judgment of a court, United States soldiers, marines and sailors.
IOWA—Citizens of United States.	6 m.	30 d.	10 d.	10 d.	(b)	Yes.	Idiots, insane, convicts.
KANSAS—Citizens; aliens who have declared intention; women vote at general as well as school elections.	6 m.	30 d.	30 d.	10 d.	(b)	Yes.	Insane, persons under guardianship, convicts, bribers, defrauders of the government and persons dishonorably discharged from service of United States.
KENTUCKY—Citizens of the U. S.	1 y.	6 m.	30 d.	30 d.	(c)	No.	Treason, felony, bribery, idiots, insane.
LOUISIANA—Citizens who are able to read and write, who own \$300 worth of property or whose father or grandfather was entitled to vote Jan. 1, 1867.	2 y.	1 y.	.....	6 m.	Yes.	No.	Idiots, insane, all crimes punishable by imprisonment, embezzling public funds unless pardoned.
MAINE—Citizens of the United States.	3 m.	3 m.	3 m.	3 m.	Yes.	Yes.	Paupers, persons under guardianship, Indians not taxed.
MARYLAND—Citizens of United States who can read.	1 y.	6 m.	6 m.	1 d.	Yes.	Yes.	Persons convicted of larceny or other infamous crime, persons under guardianship, insane, idiots.
MASSACHUSETTS—Citizens who can read and write English.	1 y.	6 m.	6 m.	6 m.	Yes.	Yes.	Paupers (except United States soldiers), persons under guardianship.
MICHIGAN—Citizens; aliens who declared intention prior to May 8, 1882.	6 m.	20 d.	20 d.	20 d.	Yes.	Yes.	Indians holding tribal relations, duelists and their abettors.
MINNESOTA—Citizens of the United States.	6 m.	30 d.	30 d.	30 d.	(d)	Yes.	Treason, felony unless pardoned, insane, persons under guardianship, uncivilized Indians.
MISSISSIPPI—Citizens who can read or understand the constitution.	2 y.	1 y.	1 y.	1 y.	Yes.	Yes.	Insane, idiots, felons, delinquent taxpayers.
MISSOURI—Citizens, or aliens who have declared intention not less than 1 nor more than 5 years before offering to vote.	1 y.	30 d.	30 d.	30 d.	(e)	Yes.	Paupers, persons convicted of felony or other infamous crime or misdemeanor or violating right of suffrage, unless pardoned; second conviction disfranchises.
MONTANA—Citizens of U. S.	1 y.	30 d.	30 d.	30 d.	Yes.	Yes.	Indians, felons, idiots, insane.
NEBRASKA—Citizens, or aliens who have declared intention 30 days before election.	6 m.	40 d.	10 d.	10 d.	(b)	Yes.	Lunatics, persons convicted of treason or felony unless pardoned, United States soldiers and sailors.
NEVADA—Citizens of United States.	6 m.	30 d.	30 d.	30 d.	Yes.	Yes.	Insane, idiots, convicted of treason or felony, unannetted confederates against the United States, Indians and Chinese.
NEW HAMPSHIRE—Citizens of United States.	6 m.	6 m.	6 m.	6 m.	Yes.	Yes.	Paupers (except honorably discharged soldiers), persons excused from paying taxes at own request.
NEW JERSEY—Citizens of United States.	1 y.	5 m.	.....	.....	Yes.	Yes.	Paupers, insane, idiots and persons convicted of crimes which exclude them from being witnesses unless pardoned.
NEW MEXICO—Male citizens U. S.	1 y.	30 d.	30 d.	30 d.	.....	.....	Insane, idiots, convicts and Indians not taxed.
NEW YORK—Citizens who have been such for 90 days.	1 y.	4 m.	30 d.	30 d.	Yes.	Yes.	Convicted of bribery or any infamous crime unless pardoned, better on result of election, bribers for votes and the bribed.
NORTH CAROLINA—Citizens of United States who can read.	2 y.	6 m.	.....	4 m.	Yes.	No.	Idiots, lunatics, convicted of felony or other infamous crimes, atheists.
NORTH DAKOTA—Citizens, or aliens who have declared intention 1 year and not more than 6 prior to election, and civilized Indians.	1 y.	6 m.	.....	30 d.	(a)	Yes.	Felons, idiots, convicts unless pardoned, United States soldiers and sailors.
OHIO—Citizens of the U. S.	1 y.	30 d.	20 d.	20 d.	(b)	Yes.	Idiots, insane, United States soldiers and sailors, felons unless restored to citizenship.

(a) Registration required in some counties. (b) In class. (d) Required in cities of 1,200 inhabitants or all cities. (c) In the cities of first, second and third over. (e) In cities of 100,000 population or over.

QUALIFICATIONS FOR SUFFRAGE.—CONTINUED.

REQUIREMENTS FOR VOTERS IN THE VARIOUS STATES.	PREVIOUS RESIDENCE REQUIRED.				Registration.	Ballot reform.	Excluded from voting.
	State.	County.	Town.	Precinct.			
OKLAHOMA — Citizens of the United States and native Indians	1 y.	6 m	30 d	30 d	.....	Yes.	Felons, paupers, idiots and lunatics.
OREGON — White male and female citizens, or aliens who have declared intention 1 year before election.	6 m	.....	.....	.....	No..	Yes.	Idiots, insane, convicted felons, Chinese, United States soldiers and sailors.
PENNSYLVANIA — Citizens at least 1 month, and if 22 years old must have paid tax within 2 yrs.	1 y.	.....	2 m	.....	Yes.	Yes.	Persons convicted of some offense forfeiting right of suffrage, nontaxpayers.
RHODE ISLAND — Citizens of United States.	2 y.	.....	6 m	.....	(c)	Yes.	Paupers, lunatics, idiots, convicted of bribery or infamous crime until restored.
SOUTH CAROLINA — Citizens of United States who can read.	2 y.	1 y.	4 m	4 m	Yes.	No..	Paupers, insane, idiots, convicted of treason, dueling or other infamous crime.
SOUTH DAKOTA — Citizens, or aliens who have declared intention.	6 m	30 d	10 d	10 d	(d)	Yes.	Persons under guardian, idiots, insane, convicted of treason or felony unless pardoned.
TENNESSEE — Citizens who have paid poll tax preceding year.	1 y.	6 m	.....	.....	(e)	Yes.	Convicted of bribery or other infamous crime, failure to pay poll tax.
TEXAS — Citizens, or aliens who have declared intention 6 months before election.	1 y.	6 m	6 m	.....	(f)	Yes.	Idiots, lunatics, paupers, convicts, United States soldiers and sailors.
UTAH — Citizens of United States, male or female.	1 y.	4 m	.....	30 d	.....	.....	Idiots, insane, convicted of treason or violation of election laws.
VERMONT — Citizens of United States.	1 y.	3 m	3 m	3 m	Yes.	Yes.	Unpardoned convicts, deserters from United States service during the war, ex-confederates.
VIRGINIA — Citizens of United States of good understanding who have paid poll tax for three years and all ex-soldiers.	2 y.	1 y.	1 y.	30 d	Yes.	No..	Idiots, lunatics, convicts unless pardoned by the legislature.
WASHINGTON — Citizens of United States, male or female.	1 y.	30 d	30 d	30 d	.....	Yes.	Indians not taxed.
WEST VIRGINIA — Citizens of the state.	1 y.	30 d	10 d	.....	No..	Yes.	Paupers, idiots, lunatics, convicts, bribers, United States soldiers and sailors.
WISCONSIN — Citizens, or aliens who have declared intention.	1 y.	10 d	10 d	10 d	(a)	Yes.	Insane, under guardian, convicts unless pardoned.
WYOMING — Citizens, male or female.	1 y.	30 d	10 d	10 d	Yes.	Yes.	Idiots, insane, felons, unable to read the state constitution.

(a) In cities of 3,000 population or over. (b) In cities of not less than 9,000 inhabitants. (c) Nontaxpayers must register yearly before Dec. 31. (d) In towns having 1,000 voters and counties where registration has been adopted by popular vote. (e) All counties having 50,000 inhabitants or over. (f) In cities of 10,000 or over.

NOTE—The word "citizen" as used in above table means citizen of the United States in all cases.

As shown in the above table women have full suffrage in Colorado, Idaho, Utah, California, Washington, Wyoming, Arizona, Kansas and Oregon. In a more or less limited form, relating to taxation and school matters, woman suffrage exists in Delaware, Idaho, Illinois, Indiana, Iowa, Kentucky, Louisiana, Massachusetts, Minnesota, Montana, Nebraska, Nevada, New Hampshire, New Jersey, North Dakota, Oklahoma, South Dakota, Texas, Vermont and Wisconsin.

CITIZENSHIP IN THE UNITED STATES.

All persons born or naturalized in the United States and subject to the jurisdiction thereof are citizens of the United States and of the state wherein they reside. (Fourteenth amendment to the constitution.)

All persons born in the United States and not subject to any foreign power, excluding Indians not taxed, are declared to be citizens of the United States. (Sec. 1992, U. S. Revised Statutes.)

All children heretofore born or hereafter born out of the limits and jurisdiction of the United States, whose fathers were or may be, at the time of their birth, citizens thereof, are declared to be citizens of the United States; but the rights of citizenship shall not descend to children whose fathers never resided in the United States. (Sec. 1993, U. S. Revised Statutes.)

Any woman who is now or may hereafter be married to a citizen of the United States and who might herself be lawfully naturalized shall be deemed a citizen. (Sec. 1995, U. S. Revised Statutes.)

Children born in the United States of alien parents are citizens of the United States.

When any alien who has formally declared his intention of becoming a citizen of the United States dies before he is actually naturalized the widow and children of such alien are citizens.

Children of Chinese parents who are themselves aliens and incapable of becoming naturalized are citizens of the United States.

Children born in the United States of persons engaged in the diplomatic service of foreign governments are not citizens of the United States.

Children born of alien parents on a vessel of a foreign country while within the waters of the United States are not citizens of the United States, but of the country to which the vessel belongs.

Children born of alien parents in the United States have the right to make an election of nationality when they reach their majority.

Minors and children are citizens within the meaning of the term as used in the constitution.

Deserters from the military or naval service of the United States are liable to loss of citizenship.

Any alien being a free white person, an alien of African nativity or of African descent may become an American citizen by complying with the naturalization laws.

"Hereafter no state court or court of the United States shall admit Chinese to citizenship; and all laws in conflict with this act are repealed." (Sec. 14, act of May 6, 1882.)

The courts have held that neither Chinese, Japanese, Hawaiians, Burmese nor Indians can be naturalized.

The naturalization laws apply to women as well as men. An alien woman who marries a citizen, native or naturalized, becomes a naturalized citizen of the United States.

Aliens may become citizens of the United States by treaties with foreign powers, by conquest or by special acts of congress.

In an act approved March 2, 1907, it is provided that any American citizen shall have expatriated himself when he has been naturalized in any foreign state in conformity with its laws, or when he has taken an oath of allegiance to any foreign state.

When any naturalized citizen shall have resided for two years in the foreign state from which he came, or five years in any other foreign state, it shall be presumed that he has ceased to be an American citizen, and the place of his general abode shall be deemed his place of residence during said years; provided, however, that such presumption may be overcome on the presentation of satisfactory evidence to a diplomatic or consular officer of the United States under such rules and regulations as the department of state may prescribe; and, provided also, that no American citizen shall be allowed to expatriate himself when this country is at war.

Any American woman who marries a foreigner shall take the nationality of her husband. At the termination of the marital relation she may resume her American citizenship, if abroad, by registering as an American citizen within one year with a consul of the United States, or by returning to reside in the United States, or, if residing in the United States at the termination of the marital relation, by continuing to reside therein.

Any foreign woman who acquires American citizenship by marriage to an American citizen shall be assumed to retain the same after the termination of the marital relation if she continue to reside in the United States, unless she makes formal renunciation thereof before a court having jurisdiction to naturalize aliens, or, if she resides abroad, she may retain her citizenship by registering as such before a United States consul within one year after the termination of such marital relation.

A child born without the United States, of alien parents, shall be deemed a citizen of the United States by virtue of the naturalization of or resumption of American citizenship of the parent; provided that such naturalization or resumption takes place during the minority of such child; and, provided further, that the citizenship of such minor child shall begin at the time such minor child begins to reside permanently in the United States.

All children born outside the limits of the United States, who are citizens thereof in accordance with the provisions of section 1993 of the Revised Statutes of the United States (see above), and who continue to reside outside of the United States, shall, in order to receive the protection of the government, be required, upon reaching the age of 18 years, to record at an American consulate their intention to become residents and remain citizens of the United States and shall further be required to take the oath of allegiance to the United States upon attaining their majority.

NATURALIZATION LAWS.

Approved June 29, 1906.

Exclusive jurisdiction to naturalize aliens resident in their districts is conferred upon the United States Circuit and District courts and all courts of record having a seal, a clerk and jurisdiction in actions in law or equity or both in which the amount in controversy is unlimited.

An alien may be admitted to citizenship in the following manner and not otherwise:

1. He shall declare on oath before the clerk of the proper court at least two years before his admission, and after he has reached the age of 18 years, that it is bona fide his intention to become a citizen of the United States and to renounce allegiance to any foreign state or sovereignty.

Such declaration shall set forth the same facts as are registered at the time of his arrival.

2. Not less than two years nor more than seven after he has made such declaration he shall file a petition, signed by himself and verified, in which he shall state his name, place of residence, occupation, date and place of birth, place from which he emigrated, name of the vessel on which he arrived; the time when and the place and name of the court where he declared his intention of becoming a citizen; if he is married, he shall state the name of his wife, the country of her nativity and her place of residence at the time the petition is filed, and if he has children, the name, date and place of birth and place of residence of each child living. The petition shall also set forth that he is not a disbeliever in or opposed to organized government or a member of any body of persons opposed to organized government, and that he is not a polygamist or a believer in polygamy; that he intends to become a citizen of and to live permanently in the United States, and every other fact material to his naturalization and required to be proved upon the final hearing of his application. The petition shall be verified by the affidavit of at least two credible witnesses who are citizens. At the time of the filing of the petition there shall be also filed a certificate from the department of commerce and labor stating the date, place and manner of his arrival in the United States and the declaration of intention of such petitioner, which certificate and declaration shall be attached to and be a part of his petition.

3. He shall, before he is admitted to citizenship, declare on oath in open court that he will support the constitution of the United States, and that he absolutely renounces all allegiance to any foreign prince, potentate, state or sovereignty.

4. It shall be made apparent to the satisfaction of the court admitting any alien to citizenship that immediately preceding the date of his application he has resided continuously within the United States five years at least, and within the state or territory where such court is at the time held one year at least, and that during that time he has behaved as a man of good moral character, attached to the principles of the constitution. In addition to the oath of the applicant, the testimony of at least two witnesses, citizens of the United States, as to the facts of residence, moral character and attachment to the principles of the constitution shall be required.

5. He must renounce any hereditary title or order of nobility which he may possess.

6. When any alien, who has declared his intention, dies before he is actually naturalized the widow and minor children may, by complying with the other provisions of the act, be naturalized without making any declaration of intention.

Immediately after the filing of the petition the clerk of the court shall give notice thereof by posting in a public place the name, name and residence of the alien, the date and place of his arrival in the United States and the date for the final hearing of his petition and the names of the witnesses whom the applicant expects to summon in his behalf. Petitions for naturalization may be filed at any time, but final action thereon shall be had only on stated days and in no case until at least ninety days have elapsed after the filing of the petition. No person shall be naturalized within thirty days preceding a general election within the territorial jurisdiction of the court.

No person who is a disbeliever in or who is opposed to organized government, or who is a member of or affiliated with any organization entertaining and teaching such disbelief in or opposition to organized government, or who advocates or teaches the duty, necessity or propriety of the unlawful assaulting or killing of any officer or officers of the government of the United States, or of any other organized government, because of his or their official character, or who is a polygamist, shall be naturalized.

No alien shall hereafter be naturalized or admitted as a citizen of the United States who cannot speak the English language. This requirement does not apply to those physically unable to comply with it; or to those making homestead entries upon the public lands of the United States.

INTERNAL REVENUE RECEIPTS.

Comparative statement showing the receipts from the several objects of internal taxation in the United States during the fiscal years ended June 30, 1911 and 1912:

OBJECTS OF TAXATION.	1911.	1912.	Increase.	Decrease.
SPIRITS.				
Spirits distilled from apples, peaches, grapes, pears, pineapples, oranges, apricots, berries, prunes, figs and cherries....	\$2,677,449.02	\$2,694,264.47	\$16,815.45	
Spirits distilled from materials other than apples, peaches, grapes, pears, pineapples, oranges, apricots, berries, prunes, figs and cherries.....	145,382,763.32	146,715,203.60	1,332,440.28	
Rectifiers (special tax).....	339,834.09	338,810.70		11,023.39
Wine made in imitation of champagne.....		52.00	52.00	
Retail liquor dealers (special tax).....	5,569,915.32	5,396,991.25		172,924.07
Wholesale liquor dealers (special tax).....	779,323.42	729,440.53		49,882.89
Manufacturers of stills (special tax).....	901.28	1,218.76	317.48	
Still and worms, manufactured (special tax).....	2,155.83	1,920.00		235.83
Stamps for distilled spirits intended for export.....	1,752.90	2,620.05	867.45	
Case stamps for distilled spirits bottled in bond.....	373,374.00	332,274.30		41,099.70
Grape brandy used in the fortification of sweet wines.....	152,389.37	189,232.11	36,902.74	
Total.....	155,279,858.25	156,391,487.77	1,111,629.52	
TOBACCO.				
Cigars weighing more than 3 pounds per thousand.....	21,755,714.06	21,769,170.91	13,456.85	
Cigars weighing not more than 3 pounds per thousand.....	917,294.25	820,236.60		96,997.65
Cigarettes weighing more than 3 pounds per thousand.....	76,108.76	64,482.55		11,626.21
Cigarettes weighing not more than 3 pounds per thousand.....	11,541,513.00	14,027,031.29	2,485,518.23	
Snuff.....	2,251,746.62	2,406,358.60	154,611.98	
Tobacco, manufactured, all kinds.....	30,463,573.87	31,502,811.71	1,039,237.84	
Total.....	67,005,950.56	*70,590,151.60	3,584,201.04	
FERMENTED LIQUORS.				
Ale, beer, lager beer, porter and other similar fermented liquors.....	63,216,851.24	62,108,633.39		1,108,217.85
Brewers (special tax).....	160,388.40	153,812.61		6,575.79
Retail dealers in malt liquors (special tax).....	361,242.59	354,296.46		6,946.13
Wholesale dealers in malt liquors (special tax).....	629,300.42	652,028.05	22,727.63	
Total.....	64,367,777.65	63,268,770.51	1,099,007.14	
OLEOMARGARINE.				
Oleomargarine, domestic, artificially colored in imitation of butter.....	284,262.94	325,948.33	41,685.39	
Oleomargarine, free from coloration that causes it to look like butter of any shade of yellow.....	286,895.81	307,479.16	20,583.35	
Oleomargarine imported from foreign countries.....		8.40	8.40	
Manufacturers of oleomargarine (special tax).....	23,084.90	24,925.00	1,240.10	
Retail dealers in oleomargarine artificially colored in imitation of butter (special tax).....	33,622.00	23,258.50		10,363.50
Retail dealers in oleomargarine free from artificial coloration (special tax).....	229,217.04	271,145.74	41,928.70	
Wholesale dealers in oleomargarine artificially colored in imitation of butter (special tax).....	4,050.04	4,466.67	416.63	
Wholesale dealers in oleomargarine free from artificial coloration (special tax).....	138,482.06	171,475.45	32,993.39	
Total.....	1,000,214.79	1,128,707.25	128,492.46	
FILLED CHEESE.				
Filled cheese, domestic.....		330.31	330.31	
Manufacturers of filled cheese (special tax).....		300.00	300.00	
Total.....		630.31	630.31	
MIXED FLOUR.				
Per barrel of 196 lbs or more than 98 lbs.....	27.00	20.00		7.00
Half barrel of 98 lbs or more than 49 lbs.....	1,144.56	1,034.50		110.06
Quarter barrel of 49 lbs or more than 24½ lbs.....	1,285.83	1,889.19	603.36	
Eighth barrel of 24½ lbs or less.....	19.75	42.56	22.81	
Manufacturers, packers or repackers of mixed flour (special tax).....	287.00	157.00		130.00
Total.....	2,764.14	3,143.25	379.11	
ADULTERATED BUTTER.				
Adulterated butter manufactured or sold, etc.....	23,049.10	9,051.60		13,997.50
Manufacturers of adulterated butter (special tax).....	16,919.90	31,556.80	14,636.90	
Retail dealers in adulterated butter (special tax).....	2,676.00	614.00		2,062.00
Wholesale dealers in adulterated butter (special tax).....	5,240.00	4,880.00		360.00
Total.....	47,885.00	46,102.40	1,782.60	
PROCESS OR RENOVATED BUTTER.				
Process or renovated butter manufactured or sold, etc.....	99,085.01	117,544.50	17,859.49	
Manufacturers of process or renovated butter (special tax).....	2,266.67	1,991.68		274.99
Total.....	101,351.68	119,536.18	17,584.50	
MISCELLANEOUS.				
Excise tax on corporations.....	33,511,525.00	25,583,250.81		4,928,265.19
Opium.....	847.00			847.00
Playing cards.....	581,640.78	616,233.60	34,592.82	
Penalties.....	597,416.58	856,407.83	258,991.25	
Collections not otherwise herein provided for.....	28,468.30	11,464.18		17,004.12
Total.....	34,719,897.66	30,067,365.42	4,652,532.24	
Aggregate receipts.....	322,526,299.73	321,615,894.69	910,405.04	

*Includes \$224,758.05 from sale of internal revenue stamps affixed to Philippine products, as provided for in act of Aug. 5, 1909.

COLLECTIONS BY DISTRICTS.

Fiscal year ended June 30, 1912.

Districts and collectors.	Aggregate collections.
Alabama—Joseph O. Thompson.....	\$338,682.45
Arkansas—Frank W. Tucker.....	165,314.34
1st California—August E. Muentner.....	7,448,198.59
4th California—Wanton A. Shippee.....	751,883.56
6th California—Claude I. Parker.....	1,207,169.10
Dist. of Colorado—Frank W. Howbert.....	1,457,339.04
Dist. of Connecticut—Robert O. Eaton.....	2,994,399.52
Dist. of Florida—Joseph E. Lee.....	1,347,573.64
Dist. of Georgia—Henry S. Jackson.....	1,541,253.11
Hawaii—Charles A. Cottrill.....	266,225.42
1st Illinois—Samuel M. Fitch.....	12,087,390.52
5th Illinois—Percival G. Rennick.....	29,868,439.32
8th Illinois—Frank L. Smith.....	10,060,714.81
13th Illinois—Walter S. Louden.....	598,029.30
6th Indiana—Elam H. Neal.....	10,923,816.20
7th Indiana—Charles G. Covert.....	19,397,499.53
3d Iowa—Michael J. Tobin.....	510,272.87
4th Iowa—Harry O. Weaver.....	625,969.56
Kansas—Fremont Lelley.....	525,804.09
2d Kentucky—Lawson Reno.....	3,780,001.49
5th Kentucky—Ludlow F. Petty.....	16,897,321.13
6th Kentucky—Maurice L. Galvin.....	3,889,383.20
7th Kentucky—T. A. Field.....	4,235,479.92
8th Kentucky—J. Sherman Cooper.....	2,142,157.36
8th Kentucky—W. W. Wiseman.....	1,243,032.06
Louisiana—Edward I. Seyburn.....	1,372,570.20
Louisiana—W. Y. Kemper.....	3,626,199.21
Maryland—Phillips Lee Goldsborough.....	2,458,247.79
Maryland—J. C. Dodson (acting).....	1,451,200.39
Maryland—John R. Hanna.....	5,429,706.65
Massachusetts—James D. Gill.....	7,223,331.34
1st Michigan—Malcolm J. McLeod.....	6,449,694.35
4th Michigan—George Clapperton.....	723,954.14
4th Michigan—Samuel M. Lemon.....	179,686.81
Minnesota—Frederick von Baumbach.....	2,942,360.55
1st Missouri—Edmund B. Allen.....	10,340,482.14
6th Missouri—Charles G. Burton.....	1,722,339.44
Montana—Edward H. Callister.....	746,179.50
Nebraska—Ross L. Hammond.....	2,988,343.18
New Hampshire—Edgar O. Crossman.....	776,888.31
1st New Jersey—Isaac Moffitt.....	798,706.13
5th New Jersey—C. H. Hierld.....	9,783,529.23
New Mexico—Henry P. Bardshar.....	30,046.65
New Mexico—M. B. Otero.....	81,252.85
1st New York—William J. Maxwell.....	11,989,105.15
2d New York—Charles W. Anderson.....	9,328,457.93
3d New York—Frederick L. Marshall.....	10,887,122.38
14th New York—Cyrus Durey.....	5,222,683.76
21st New York—Peter E. Garlick.....	2,644,228.77
21st New York—Charles C. Cole.....	761,806.15
28th New York—Ardie D. Sanders.....	3,032,800.14
4th North Carolina—Wheeler Martin.....	4,324,741.92
5th North Carolina—George H. Brown.....	4,628,738.74
North and South Dakota—Willis C. Cook.....	197,332.15
1st Ohio—Bernhard Betmann.....	16,266,116.40
10th Ohio—William V. McMaken.....	2,901,504.80
11th Ohio—Willis G. Rowland.....	1,173,634.18
15th Ohio—Alfred N. Rodway.....	3,842,689.15
Oklahoma—George T. Knott.....	148,906.24
Oregon—David M. Dunne.....	893,921.74
1st Pennsylvania—William McCoach.....	8,863,242.76
9th Pennsylvania—Henry L. Hershey.....	3,063,156.64
12th Pennsylvania—Griffith T. Davis.....	2,545,703.02
23d Pennsylvania—Daniel B. Heiner.....	11,981,467.65
South Carolina—Mieah J. Jenkins.....	185,703.72
Tennessee—William A. Dunlap.....	2,293,520.25
3d Texas—Webster Flanagan.....	1,016,756.58
4th Texas—Philemon B. Hunt.....	380,727.27
2d Virginia—Marion K. Lowry.....	7,027,140.69
6th Virginia—Louis P. Summers.....	1,327,461.10
Washington—Millard T. Hartson.....	1,385,472.73
West Virginia—George E. Work.....	1,799,445.62
1st Wisconsin—Henry Fink.....	8,293,487.41
2d Wisconsin—Frank B. Bentley.....	332,935.11
2d Wisconsin—Frank L. Gilbert.....	773,718.47
Philippine Islands—Ellis Cromwell*.....	121,664.41
Philippine Islands—H. Steere (acting)*.....	5,971.97
Philippine Islands—William A. Nolting*.....	96,947.67

Aggregate collections.....321,615,894.69

*United States internal revenue stamp agent for the Philippine islands, located at Manila, P. I.

NOTE—In addition to the \$224,584.05 reported by the United States internal revenue stamp agents from sale of stamps affixed to Philippine products,

\$174 was returned by the collector for the district of Minnesota and is included in the above collections reported by him.

RECEIPTS BY STATES AND TERRITORIES.

State or territory.	Aggregate collections.	State or territory.	Aggregate collections.
Alabama.....	\$265,759.77	Nevada.....	185,550.45
Alaska.....	22,246.97	N. Hampshire.....	476,349.14
Arizona.....	104,593.73	New Jersey.....	10,582,235.36
Arkansas.....	165,314.34	New Mexico.....	56,705.80
California.....	9,221,790.30	New York.....	43,264,768.18
Colorado.....	1,075,823.38	N. Carolina.....	8,353,480.66
Connecticut.....	1,890,719.12	N. Dakota.....	58,872.37
Delaware.....	528,582.03	Ohio.....	23,823,944.53
District of Columbia.....	942,887.86	Oklahoma.....	148,906.24
Florida.....	1,347,573.64	Oregon.....	893,921.74
Georgia.....	541,253.11	Pennsylvania.....	26,453,570.07
Hawaii.....	266,225.42	Porto Rico.....	614,121.75
Idaho.....	82,315.56	Rhode Island.....	1,104,130.40
Illinois.....	52,614,483.95	S. Carolina.....	185,703.72
Indiana.....	30,321,315.73	S. Dakota.....	138,509.78
Iowa.....	1,125,642.43	Tennessee.....	2,363,520.25
Kansas.....	525,804.09	Texas.....	1,397,483.85
Kentucky.....	32,187,875.16	Utah.....	257,926.33
Louisiana.....	4,997,769.41	Vermont.....	77,750.60
Maine.....	222,788.57	Virginia.....	8,355,560.81
Maryland.....	7,866,724.92	Washington.....	1,363,225.76
Massachusetts.....	7,220,745.69	West Virginia.....	1,799,445.62
Michigan.....	7,353,335.30	Wisconsin.....	9,400,140.99
Minnesota.....	2,942,186.55	Wyoming.....	81,569.66
Mississippi.....	72,922.68	Philippine Islands.....	224,758.05
Missouri.....	12,062,921.58	Total.....	321,615,894.69
Montana.....	405,937.61		
Nebraska.....	2,988,343.18		

NOTE—Alabama and Mississippi compose the district of Alabama; Colorado and Wyoming, the district of Colorado; Connecticut and Rhode Island, the district of Connecticut; Maryland, Delaware, District of Columbia and the counties of Accomac and Northampton, Virginia, the district of Maryland; Montana, Idaho and Utah, the district of Montana; New Hampshire, Maine and Vermont, the district of New Hampshire; New Mexico and Arizona, the district of New Mexico; North Dakota and South Dakota, the district of North and South Dakota; Washington and Alaska, the district of Washington; and Nevada forms a part of the 4th district of California.

The collections credited to Porto Rico were returned from the following named districts, viz.:
 1st district of New York.....\$88,203.04
 2d district of New York.....523,233.06
 3d district of Massachusetts.....2,685.65

Total.....614,121.75

Of the Philippine collection, \$174 was returned from the district of Minnesota.

UNITED STATES INTERNAL REVENUE TAXES.

SPECIAL TAXES IN FORCE.

Brewers of less than 500 barrels.....	\$50.00
Brewers of 500 barrels or more.....	100.00
Rectifiers of less than 500 barrels.....	100.00
Rectifiers of 500 barrels or more.....	200.00
Dealers, retail liquor.....	25.00
Dealers, wholesale liquor.....	100.00
Dealers in malt liquors, wholesale.....	50.00
Dealers in malt liquors only, retail.....	20.00
Manufacturers of stills.....	50.00
And for each still manufactured.....	20.00
And for each worm manufactured.....	20.00
Manufacturers of oleomargarine.....	600.00
Wholesale dealers in oleomargarine.....	480.00
Wholesale dealers in oleomargarine not artificially colored.....	200.00
Retail dealers in oleomargarine.....	48.00
Retail dealers in oleomargarine not artificially colored.....	6.00
Manufacturers of renovated butter.....	50.00
Manufacturers of adulterated butter.....	600.00
Wholesale dealers in adulterated butter.....	480.00
Retail dealers in adulterated butter.....	48.00
Manufacturers of filled cheese.....	400.00

Wholesale dealers in filled cheese.....	250.00
Retail dealers in filled cheese.....	12.00
Manufacturers and packers of mixed flour.....	12.00
*No special taxes are imposed upon dealers in renovated butter.	
SPIRITS, WINES AND LIQUORS.	
Distilled spirits, per gallon.....	\$1.10
Wines, imitation, pint bottle.....	.10
Quart bottle.....	.20
Fermented liquor (beer), per brl. of 31 gals.....	1.00
TOBACCO.	
Tobacco, per pound.....	\$0.06
Snuff, per pound.....	.06
Cigars, over 3 lbs. per 1,000.....	3.00
Not over 3 lbs. per 1,000.....	.54
Cigarettes, over 3 lbs. per 1,000.....	3.00
Not over 3 lbs., value over \$2.00.....	1.08
Not over 3 lbs., value not over \$2.00.....	.54

OLEOMARGARINE.	
Oleomargarine, colored, per lb.....	\$0.10
Not colored.....	1/4c
Imported.....	.15
BUTTER AND CHEESE.	
Adulterated butter, per lb.....	\$0.10
Renovated butter, per lb.....	1/4c
Filled cheese, per lb.....	.01
Imported.....	.08
MISCELLANEOUS.	
Opium, smoking, per lb.....	\$10.00
Playing cards, 54 in pack.....	.02
Mixed flour, barrel of 196 lbs.....	.04
Half barrel.....	.04
Quarter barrel.....	.01
Corporation tax (on net income).....	.1%

PROGRESS OF THE UNITED STATES SINCE 1800.

[From table prepared by O. P. Austin of bureau of statistics, department of commerce and labor, Washington, D. C.]

	1800.	1850.	1860.	1870.	1880.	1900.	1912.
Area*.....sq. miles	843,255	2,995,536	3,026,789	3,026,789	3,026,789	3,026,789	3,026,789
Population.....	5,308,483	23,191,876	31,443,321	38,558,371	50,155,783	75,994,575	95,410,503
Wealth.....dols.	7,155,790,000	16,159,616,000	30,068,511,000	42,642,000,000	88,517,306,775	1,027,574,697	1,027,574,697
Debt.....dols.	82,976,294	63,432,402	59,964,402	2,331,169,956	1,919,328,748	1,107,711,258	3,276,786,613
Money in circulation.....dols.	26,500,000	278,761,982	435,407,252	675,212,794	973,382,228	2,055,150,968	3,276,786,613
Deposits, bank, nat'l.....dols.			542,281,563	833,701,034	2,458,092,758	5,825,461,163	
Deposits, savings.....dols.		43,431,130	149,277,504	549,874,358	819,106,973	2,389,719,954	4,212,583,599
Farms, value.....dols.	3,967,343,580	7,980,493,060	8,944,357,749	12,180,501,538	20,514,001,838	*40,991,449,006	
Manufactures, value.....dols.	1,019,106,616	1,885,861,676	4,232,325,442	5,369,579,191	13,004,400,143	*20,672,051,870	
Receipts—Net ord.....dols.	10,848,749	43,592,898	56,064,800	395,959,834	535,526,501	567,240,852	691,140,455
Customs.....dols.	9,080,353	39,608,686	53,187,512	194,558,374	186,522,065	233,164,871	311,257,348
Internal revenue.....dols.	802,397	40,984,212	184,299,736	184,299,736	265,327,927	321,615,895	321,615,895
Expenditures—Net ord.....dols.	10,813,371	40,948,383	63,130,598	293,657,005	264,847,437	457,713,792	654,304,625
War.....dols.	2,560,879	9,867,025	16,472,203	57,655,675	38,116,916	134,774,768	150,182,311
Navy.....dols.	3,448,716	7,904,725	11,514,650	21,780,230	13,586,985	56,953,075	135,556,259
Pensions.....dols.	64,131	1,866,886	1,100,802	28,240,202	56,777,174	140,877,316	153,556,750
Imports, mdse.....dols.	91,252,768	173,508,526	353,616,119	433,958,408	667,954,746	849,941,194	1,653,354,434
Exports, mdse.....dols.	70,971,780	144,373,726	333,576,057	392,771,708	3,394,638,656	1,394,488,082	2,204,322,409
Production of gold.....dols.	50,000,000	46,000,000	50,000,000	36,000,000	34,717,000	79,171,000	196,233,523
Silver.....dols.	50,900	126,800	15,434,000	34,717,000	35,741,000	35,741,000	131,787,866
Coal.....tons	6,226,233	13,044,680	29,496,051	63,522,930	240,789,310	444,025,475	1,445,025,475
Petroleum.....gallons		21,000,000	220,951,290	1,104,017,166	2,672,062,218	9,238,874,422	
Pig iron.....tons		563,755	821,223	1,865,179	13,789,242	123,649,347	
Steel.....tons		650	7,200	68,750	1,247,335	10,188,329	123,676,106
Copper.....tons		52,516,959	60,264,913	162,000,000	232,500,000	288,636,621	1,318,547,900
Wool.....lbs.		100,485,944	173,104,924	235,884,700	498,549,808	722,229,505	1,621,338,000
Wheat.....bushels		592,071,104	838,732,740	1,094,255,000	1,717,434,543	2,105,102,516	2,531,488,000
Corn.....bushels		2,454,442	3,849,469	4,532,317	6,605,750	16,050,819	16,050,819
Cotton.....bales		247,577,000	230,982,000	87,043,000	178,872,000	322,549,011	7,222,532,746
Cane sugar.....lbs.		9,021	30,636	52,922	93,267	198,984	1,246,124
Railroads.....miles		18,417	28,498	28,498	42,989	76,688	58,279
Postoffices.....No.	903	5,499,984	8,513,067	19,722,221	33,315,479	102,354,579	1,237,879,824
Postoffice receipts.....dols.	280,804			9,157,646	29,215,509	79,696,227	170,780,732
Telegrams sent.....No.					34,905	1,016,777	18,675,474
Telephone lines.....miles					54,819	1,580,101	18,675,474
Telephones.....No.					13,335	26,496	18,675,474
Patents issued.....No.					457,257	448,572	18,675,474
Immigrants.....No.		269,980	150,237	387,203			7836,172

*Census of 1910. †In 1911.

UNITED STATES PASSPORT REGULATIONS.

Passports are issued to citizens of the United States upon application to the state department in Washington. The application must be accompanied by an affidavit, attested by a notary public or other officer empowered to administer oaths, stating that the applicant is a citizen and giving the place of birth and age, and it must be accompanied by the certificate of one other citizen to whom he is personally known that the declaration made by the applicant is true. The application must also be accompanied by a description of the person, particularly as to age, height, complexion, forehead, eyes, nose, mouth, chin, hair and face.

Blank forms are furnished by the state department upon application. The fee for each passport is \$1. Citizens traveling abroad may also in some cases obtain passports by applying to United States ambassadors and ministers. Where any person has made a declaration of intention to become a citizen of the United States and has resided in the United States for three years a passport valid for six months may be issued to him. This passport is not renewable and does not entitle the holder to the protection of this government in the country of which he was originally a citizen.

RAILROAD WRECK AT WESTERN SPRINGS, ILL.

Thirteen persons were killed and nearly a score injured in a train collision on the Chicago, Burlington & Quincy railroad at Western Springs, Ill., July 14, 1912. The Overland limited was standing on the track, having been halted by a hot box, when the fast mail, running sixty or seventy miles

an hour, crashed into the rear sleeper and demolished it, killing or injuring its occupants. A heavy fog prevailed at the time and the engineer of the mail train failed to see the semaphore signal which was set against him. He was killed at his post and his fireman was badly injured.

NATIONAL PARKS IN THE UNITED STATES.

(Under supervision of the secretary of the interior.)

NAME.	Location.	Created.	Acres.
Antietam.....	Maryland.....	Aug. 20, 1890.....	43
Casa Grande Ruin.....	Arizona.....	June 22, 1892.....	480
Chickamauga and Chattanooga.....	Georgia and Tennessee.....	Aug. 18, 1890.....	6,195
Crater Lake.....	Oregon.....	May 22, 1902.....	159,380
General Grant.....	California.....	Oct. 1, 1890.....	2,560
Geysburg.....	Pennsylvania.....	Feb. 11, 1895.....	877
Glacier.....	Montana.....	May 11, 1910.....	981,681
Hot Springs Reservation.....	Arkansas.....	June 16, 1880.....	912
Mesa Verde.....	Colorado.....	June 29, 1906.....	42,376
Mount Rainier.....	Washington.....	May 22, 1899.....	207,360
Platt.....	Oklahoma.....	June 29, 1906.....	848
Rock Creek.....	District of Columbia.....	Sept. 27, 1890.....	1,806
Sequoia.....	California.....	Oct. 1, 1890.....	160,000
Shiloh.....	Tennessee.....	Dec. 31, 1894.....	8,000
Sully's Hill.....	North Dakota.....	June 4, 1904.....	960
Vicksburg.....	Mississippi.....	Feb. 21, 1899.....	1,233
Wind Cave.....	South Dakota.....	Jan. 9, 1906.....	10,522
Yellowstone.....	Montana and Wyoming.....	March 1, 1872.....	2,142,720
Yosemite.....	California.....	Oct. 1, 1890.....	967,680
Zoological.....	District of Columbia.....	March 2, 1889.....	170

NOTES ON NATIONAL PARKS.

Antietam—Battle field of the civil war in Washington county, Maryland.

Casa Grande Ruin—Remains of a large prehistoric building near Florence, Ariz.

Chickamauga and Chattanooga—Battle fields of the civil war in the vicinity of Chattanooga, Tenn.

Crater Lake—Park contains remarkable mountain lake and fine scenery in the Cascade range, Klamath county, Oregon; may be reached from Klamath Falls or from Medford on the Southern Pacific road.

General Grant—In Fresno and Tulare counties, California; forest and mountain scenery; reached from Sanger on the Southern Pacific line.

Gettysburg—Battle field of the civil war in southeastern Pennsylvania.

Glacier—Tract of mountainous country in northern Montana with glaciers, lakes, forests and peaks.

Hot Springs Reservation—Tract of land in Garland county, Arkansas, noted for its springs of warm mineral waters.

Mesa Verde—in the extreme southwestern part of Colorado; contains pueblo and other ruins; reached from Mancos on the Rio Grande Southern road.

Mount Rainier—Mountain district in southern Washington; reached from Ashford on the Tacoma Eastern railroad and from Fairfax on the Northern Pacific road.

Platt—Tract of land containing sulphur springs in Murray county, Oklahoma; reached by Santa Fe and St. Louis & San Francisco railroads.

Rock Creek—Park in outskirts of Washington, D. C.

Sequoia—Mountain tract in Tulare county, California, containing forest of big trees; reached from Visalia.

Shiloh—Battle field of civil war in Hardin county, southern Tennessee.

Sully's Hill—On the shore of Devil's lake, North Dakota; contains elevation on which Gen. Alfred Sully with a few men withstood a band of Indians for several days in 1863; reached from Devil's Lake, Narrows and Tokio stations on the Great Northern railroad.

Vicksburg—Battle field of civil war near city of same name in Mississippi.

Wind Cave—Canyon and extensive cave in Custer county, South Dakota, twelve miles from Hot Springs, on the Northwestern and Burlington roads; in Black Hills region.

Yellowstone—Famous park in Wyoming, Montana and Idaho, containing geysers and many other natural phenomena as well as beautiful mountain, lake and river scenery; reached from stations on the Northern Pacific, Burlington and Oregon Short Line roads.

Yosemite—Splendid valley in the Sierras in Mariposa county, California; reached from Merced on the Santa Fe and Southern Pacific roads by way of the Yosemite Valley railroad.

Zoological—Park in Washington, D. C., devoted to the zoological collection of the government; adjoins Rock Creek park.

NOTES ON NATIONAL MONUMENTS.

Big Hole battle field—Scene of fight at Big Hole pass on Big Hole or Wisdom river, Aug. 9, 1877, between Nez Perce Indians under Chief Joseph and a small force of soldiers commanded by Col. John Gibbon; in Silver Bow county, Montana; reached from Melrose.

Chaco canyon—Located in San Juan and McKinley counties, New Mexico; contains extensive prehistoric communal or pueblo ruins.

Cinder cone—An elevation in Lassen county in northern California; is of importance as illustrating volcanic activity in the vicinity 200 years ago.

Colorado—Extraordinary examples of erosion in Mesa county, western Colorado; reached from Grand Junction.

Devil postpile—Natural formations, including Rainbow waterfalls, within the Sierra national forest in California; area set aside is on middle fork of San Joaquin river.

Devil's tower—A lofty and isolated rock in Crook county, Wyoming; is an extraordinary example of the effect of erosion in the higher mountains.

El Morro—An elevation near Wingate station on the Santa Fe railroad in New Mexico; contains prehistoric ruins and interesting rock inscriptions.

Gila cliff dwellings—In the Mogollon mountains, New Mexico; known also as the Gila Hot Springs cliff houses; are among the best preserved remains of the cliff dwellers of the southwest.

Gran Quivira—Ruined town not far from Manzano in the central part of New Mexico; remains of large cathedral and chapel and of many houses thought to date from prehistoric times.

Grand canyon—In northwestern Arizona; greatest eroded canyon within the United States.

Jewel cave—A natural formation of scientific interest within the Black Hills national forest in Custer county, South Dakota.

Lassen peak—In national forest of same name in Shasta county, northern California; marks the southern terminus of the long line of extinct volcanoes in the Cascade range, from which one of the greatest volcanic fields in the world extends.

Lewis and Clark cavern—An extraordinary limestone cavern near Limespur, Jefferson county, Montana.

Montezuma castle—Large prehistoric ruin or cliff dwelling on Beaver creek, Arizona.

Mount Olympus—Mountain in the state of Washington; has extensive glaciers and on its slopes are the breeding grounds of the Olympic elk.

Muir woods—In Marin county, California; an extensive growth of redwood trees of great age and size; land presented to the government by William Kent of Chicago.

Mukuntuweap—Canyon in southwestern Utah through which flows the north fork of the Rio Virgin or Zion river; an extraordinary example of canyon erosion.

Natural bridges—Rock formations in southeastern Utah extending over streams or chasms; have

loftier heights and greater spans than any other similar formations known; reserved as extraordinary examples of stream erosion.

Navajo—Within the Navajo Indian reservation in Arizona; includes a number of prehistoric cliff dwellings and pueblo ruins new to science.

Oregon caves—Within the Siskiyou national forest in Oregon; caves are of natural formation and of unusual scientific interest and importance.

Petrified forest—Deposits of fossilized or mineralized wood in Gila and Apache counties, Arizona.

Pinnacles—A series of natural formations of rock with a number of caves underlying them; located within Pinnacles national forest in California.

Rainbow bridge—An extraordinary natural bridge in southeastern Utah, having an arch which in form and appearance is much like a rainbow; is 309 feet high and 278 feet span; of scientific interest as an example of eccentric stream erosion.

Shoshone cavern—A cave in Big Horn county, Wyoming, of unknown extent, but of many windings and ramifications and containing vaulted chambers of large size, magnificently decorated with sparkling crystals and beautiful stalactites, and containing pits of unknown depth.

Sitka—Tract of about fifty-seven acres within public park, near Sitka, Alaska; battle ground of Russian conquest of Alaska in 1804; site of former village of Kiki-Siti tribe, the most warlike of Alaska Indians; contains numerous totem poles constructed by the Indians, recording the genealogical history of their several clans.

Tonto—Comprises two prehistoric ruins of ancient cliff dwellings in Gila county, Arizona.

Tumacacori—Ruin of an ancient Spanish mission of brick, cement and mortar in Santa Cruz county, Arizona.

Wheeler—Volcanic formations illustrating erratic erosion; in Rio Grande and Cochetopa national forests in southwestern Colorado.

PRESERVATION OF AMERICAN ANTIQUITIES.

By law approved June 8, 1906, entitled "An act for the preservation of American antiquities," the president of the United States is authorized, in his discretion, to declare by proclamation historic landmarks, historic and prehistoric structures and other objects of historic or scientific interest that are situated upon lands owned or controlled by the United States to be national monuments. Under such authority the following monuments have been created:

Name and state.	Year.	Acres.
Big Hole battle field, Mont.	1910	8
Chaco canyon, N. M.	1907	20,629
Cinder cone, * Cal.	1907	5,120
Colorado, Col.	1911	13,883
Devil's tower, Wyo.	1906	1,152
Devil postpile, * Cal.	1911	800
El Morro, N. M.	1906	160
Gila cliff dwellings, * N. M.	1907	160
Gran Quivira, N. M.	1909	160
Grand canyon, * Ariz.	1908	806,400
Jewel cave, * S. D.	1908	1,280
Lassen peak, * Cal.	1907	1,280
Lewis and Clark cavern, Mont.	1908	160
Montezuma castle, Ariz.	1906	160
Mount Olympus, * Wash.	1909	608,640
Muir Woods, Cal.	1908	295
Mukuntuweap, Utah.	1909	15,840
Natural bridges, Utah.	1909	2,740
Navajo, Ariz.	1909	600
Oregon caves, * Ore.	1909	480
Petrified forest, Ariz.	1906	25,625
Pinnacles, * Cal.	1908	2,080
Rainbow bridge, Utah.	1910	160
Shoshone cavern, Wyo.	1909	210
Sitka, Alaska.	1910	57
Tonto, * Ariz.	1907	640
Tumacacori, Ariz.	1908	10
Wheeler, * Col.	1908	300

* Administered by department of agriculture; others by interior department, except the Big Hole battle field, which is under the war department.

GREAT EARTHQUAKES IN MODERN TIMES.

SAN FRANCISCO, CAL.

Date—April 18, 1906.
Lives lost—452.
Persons injured—1,500.
Persons made homeless—265,000.
Property loss—\$350,000,000 (estimated).
Loss of insurance companies—\$132,823,067.21.
Buildings destroyed—60,000.
Blocks or squares burned—453.
Area of burned district—3.96 square miles.
Relief appropriation by congress—\$2,500,000.
Relief subscription—\$11,000,000.

VALPARAISO, CHILE.

Date—Aug. 16, 1906.
Lives lost—1,500.
Property loss—\$100,000,000.

KINGSTON, JAMAICA.

Date—Jan. 14, 1907.
Lives lost—1,100.
Persons injured—2,000.
Property loss—\$25,000,000.
Buildings destroyed—6,000.
Area of ruined district—50 acres.
Area affected by earthquake—300 acres.
Duration of first shock—38 seconds.
Duration of fire after earthquake—40 hours.

SICILY AND CALABRIA.

Date—Dec. 23, 1908.
Day of week—Monday.
Hour—5:23 a. m.
Duration of shock—35 seconds.
Lives lost—76,483.
Persons injured—95,470.

Persons made homeless—1,100,000.
Property destroyed—(No estimate attempted).
Region affected—Northeastern Sicily and southwestern Calabria.
Chief cities and towns destroyed or damaged—In Sicily: Messina, Faro, Santa Teresa, Scalceta. In Calabria: Reggio, Gallico, San Giovanni, San Eufemia, Pellaro, Palmi, Cannitello.

CARTAGO, COSTA RICA.

Date—May 5, 1910.
Hour—7 p. m.
Lives lost—1,500.

TURKEY.

Date—Aug. 9, 1912.
Lives lost—3,000.
Persons injured—6,000.
Persons homeless—40,000.

Friday night, Aug. 9, 1912, the regions bordering on the Sea of Marmora, Turkey, were visited by a series of severe earthquakes, which resulted in death to about 3,000 persons and injuries to 6,000 more, while 40,000 were made homeless and destitute. The shocks were apparently heaviest on the European side of the sea, the city of Myriophito being near the center of the disturbance, which, however, extended into Asiatic Turkey. Among the places reporting numerous casualties were, in addition to Myriophito, Sharkoi, Tcholu, Adrianople, Gallipoli and Ganos. Much property was destroyed by the shocks and resulting fires. Relief measures were taken by the American legation in Europe as well as by the Turkish authorities and many philanthropic societies.

UNITED STATES GEOGRAPHIC BOARD.

The United States geographic board passes on all unsettled questions concerning geographic names which arise in the departments of the government, as well as determining, changing and fixing place names within the United States and its insular

possessions. The decisions of the board are to be accepted by all departments as standard authority. The board has advisory powers with respect to the preparation of maps in the various offices and bureaus of the government.

LEGAL HOLIDAYS IN THE UNITED STATES.

- Alabama**—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; Mardi Gras (the day before Ash Wednesday, first day of Lent); Good Friday (the Friday before Easter); April 26 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); July 4; Labor day (first Monday in September); Thanksgiving day (last Thursday in November); Dec. 25.
- Alaska**—Jan. 1; Feb. 22; May 30 (Memorial day); July 4; Thanksgiving day; Dec. 25.
- Arizona**—Jan. 1; Arbor day (first Monday in February); Feb. 22; May 30; July 4; general election day; Thanksgiving day; Dec. 25.
- Arkansas**—Jan. 1; Feb. 22; July 4; Thanksgiving day; Dec. 25.
- California**—Jan. 1; Feb. 22; May 30; July 4; Sept. 9 (Admission day); Labor day (first Monday in September); general election day in November; Thanksgiving day; Dec. 25.
- Colorado**—Jan. 1; Feb. 22; Arbor and School day (third Friday in April); May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon from June 1 to Aug. 31 in the city of Denver.
- Connecticut**—Jan. 1; Feb. 12 (Lincoln's birthday); Feb. 22; Good Friday; May 30; July 4; Labor day (first Monday in September); Thanksgiving day; Dec. 25.
- Delaware**—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.
- District of Columbia**—Jan. 1; Feb. 22; March 4 (Inauguration day); May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.
- Florida**—Jan. 1; Jan. 19 (Lee's birthday); Arbor day (first Friday in February); Feb. 22; April 26 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); July 4; first Monday in September; Thanksgiving day; general election day; Dec. 25.
- Georgia**—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; April 26 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); July 4; first Monday in September; Thanksgiving day; Arbor day (first Friday in December); Dec. 25.
- Idaho**—Jan. 1; Feb. 22; Arbor day (first Friday after May 1); July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.
- Illinois**—Jan. 1; Feb. 12 (Lincoln's birthday); Feb. 22; May 30; July 4; Labor day (first Monday in September); Oct. 12 (Columbus day); general, state, county and city election days; Saturday afternoons; Thanksgiving day; Dec. 25; Arbor, Bird and Flag days are appointed by the governor.
- Indiana**—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.
- Indian Territory**—July 4; Dec. 25.
- Iowa**—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.
- Kansas**—The only holidays by statute are Feb. 12; Feb. 22; May 30; Labor day (first Monday in September) and Arbor day; but the days commonly observed in other states are holidays by common consent.
- Kentucky**—Jan. 1; Feb. 22; May 30; first Monday in September; Thanksgiving day; general election day; Dec. 25.
- Louisiana**—Jan. 1; Jan. 8 (anniversary of the battle of New Orleans); Feb. 22; Mardi Gras (the day before Ash Wednesday); Good Friday (Friday before Easter); April 26 (Confederate Memorial day); July 4; Nov. 1 (All Saints' day); general election day; fourth Saturday in November (Labor day, in the parish of New Orleans only); Dec. 25; every Saturday afternoon in New Orleans.
- Maine**—Jan. 1; Feb. 22; Good Friday; May 30; July 4; Labor day; Thanksgiving day; Dec. 25.
- Maryland**—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; Sept. 12 (Defenders' day); general election day; Dec. 25; every Saturday afternoon.
- Massachusetts**—Feb. 22; April 19 (Patriots' day); May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.
- Michigan**—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.
- Minnesota**—Jan. 1; Feb. 12; Feb. 22; Good Friday (Friday before Easter); May 30; July 4; first Monday in September; Thanksgiving day; general election day; Dec. 25; Arbor day (as appointed by the governor).
- Mississippi**—First Monday in September; by common consent July 4; Thanksgiving day and Dec. 25 are observed as holidays.
- Missouri**—Jan. 1; Feb. 22; May 30; July 4; Labor day; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon in cities of 100,000 or more inhabitants.
- Montana**—Jan. 1; Feb. 22; Arbor day (third Tuesday in April); May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; any day appointed by the governor as a fast day.
- Nebraska**—Jan. 1; Feb. 22; Arbor day (April 22); May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.
- Nevada**—Jan. 1; Feb. 22; July 4; Thanksgiving day; Dec. 25.
- New Hampshire**—Feb. 22; fast day appointed by the governor; May 30; July 4; first Monday in September; Thanksgiving day; general election day; Dec. 25.
- New Jersey**—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving and fast days, and every Saturday afternoon.
- New Mexico**—Jan. 1; July 4; Thanksgiving and fast days; Dec. 25; Decoration, Labor and Arbor days appointed by the governor.
- New York**—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving and fast days; Dec. 25; every Saturday afternoon.
- North Carolina**—Jan. 1; Jan. 19 (Lee's birthday); May 10 (Confederate Memorial day); May 20 (anniversary of the signing of the Mecklenburg declaration of independence); July 4; state election day in August; first Thursday in September (Labor day); Thanksgiving day; Dec. 25; every Saturday afternoon.
- North Dakota**—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; Arbor day (when appointed by the governor); general election day; Thanksgiving day; Dec. 25.
- Ohio**—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon in cities of 50,000 or more inhabitants.
- Oklahoma**—Jan. 1; Feb. 22; May 30; July 4; general election day; Thanksgiving day; Dec. 25.
- Oregon**—Jan. 1; Feb. 22; May 30; first Saturday in June; July 4; first Monday in September; general election day; Thanksgiving day; public fast day; Dec. 25.
- Pennsylvania**—Jan. 1; Feb. 12; Feb. 22; May 30; Good Friday; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon.
- Philippines**—Jan. 1; Feb. 22; Thursday and Friday of Holy week; July 4; Aug. 13; Thanksgiving day; Dec. 25; Dec. 30.
- Porto Rico**—Jan. 1; Feb. 22; Good Friday; May 30; July 4; July 25 (Landing day); Thanksgiving day; Dec. 25.
- Rhode Island**—Jan. 1; Feb. 22; second Friday in May (Arbor day); May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.
- South Carolina**—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; May 10 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); general election day; Thanksgiving day; Dec. 25, 26, 27.
- South Dakota**—Same as in North Dakota.
- Tennessee**—Jan. 1; Good Friday; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon.
- Texas**—Jan. 1; Feb. 22 (Arbor day); March 2 (anniversary of Texas independence); April 21

(anniversary of battle of San Jacinto); July 4; first Monday in September; general election day; appointed fast days; Thanksgiving day; Dec. 25.
 Utah—Jan. 1; Feb. 22; April 15 (Arbor day); May 30; July 4; July 24 (Pioneer day); first Monday in September; Thanksgiving day and appointed fast days; Dec. 25.
 Vermont—Jan. 1; Feb. 22; May 30; July 4; Aug. 10 (Bennington Battle day); Labor day; Thanksgiving day; Dec. 25.
 Virginia—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; July 4; first Monday in September; Thanksgiving and appointed fast days; Dec. 25; every Saturday afternoon.
 Washington—Jan. 1; Feb. 12 (Lincoln's birthday); Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.

West Virginia—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; Labor day; general election day; Thanksgiving day; Dec. 25.
 Wisconsin—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.
 Wyoming—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; general election day; Dec. 25.

The national holidays, such as July 4, New Year's, etc., are such by general custom and observance and not because of congressional legislation. Congress has passed no laws establishing holidays for the whole country. It has made Labor day a holiday in the District of Columbia, but the law is of no effect elsewhere.

LEADING ART GALLERIES OF THE WORLD.

The following list includes only the principal collections of paintings and sculptures readily accessible to the public in Europe and America.

EUROPE.

AUSTRIA-HUNGARY.

Academy of Art, Vienna.
 Albertina, Vienna.
 Imperial art gallery, Vienna.
 Liechtenstein gallery, Vienna.
 National gallery, Budapest.

BELGIUM.

Museum, Antwerp.
 Palace of Fine Arts, Brussels.
 Musee Wiertz, Brussels.

DENMARK.

Thorvaldsen museum, Copenhagen.
 Ny-Carlsberg Glyptothek, Copenhagen.
 National art gallery, Copenhagen.

FRANCE.

Louvre,* Paris.
 Luxembourg, Paris.
 Museum, Versailles.

GERMANY.

National gallery, Berlin.
 Old and New museums, Berlin.
 Pergamon museum, Berlin.
 Emperor Frederick museum, Berlin.
 Dresden gallery,* Dresden.
 Old and New Pinakothek,* Munich.
 Glyptothek, Munich.

HOLLAND.

Ryk's museum, Amsterdam.
 Fodor museum, Amsterdam.
 Six Collection, Amsterdam.
 Townhall, Haarlem.
 Lakenhal, Leyden.
 Boymans museum, Rotterdam.
 Mauritshuis, The Hague.

ITALY.

Vatican,* Rome.
 Uffizi gallery,* Florence.
 Pitti gallery,* Florence.
 Brera gallery, Milan.
 Poldi museum, Milan.
 National museum, Naples.
 Academy of Fine Arts, Venice.

NORWAY.

National gallery, Christiania.

RUSSIA.

Hermitage, St. Petersburg.

SPAIN.

Museo del Prado,* Madrid.
 Museo Provincial, Seville.

SWEDEN.

National gallery, Stockholm.

UNITED KINGDOM.

British museum, London.
 National gallery,* London.
 Dore gallery, London.
 Walker art gallery, Liverpool.
 Art galleries, Glasgow.

AMERICA.

CANADA.

Fraser institute, Montreal.
 The Basilica, Quebec.

MEXICO.

National museum, City of Mexico.

UNITED STATES.

Art institute, Chicago, Ill.
 Art museum, Cincinnati, O.
 Art museum, Worcester, Mass.
 Carnegie institute, Pittsburgh, Pa.
 Corcoran art gallery, Washington, D. C.
 Layton art gallery, Milwaukee, Wis.
 Lenox collection, public library, New York, N. Y.
 Metropolitan Museum of Art,* New York, N. Y.
 Museum of Art, Toledo, O.
 Museum of Fine Arts, Boston, Mass.
 Museum of Fine Arts, St. Louis, Mo.
 New York Historical society, New York, N. Y.
 Pennsylvania Academy of Fine Arts, Philadelphia, Pa.
 *Of first rank.

DECLARATION OF LONDON ON LAWS OF NAVAL WAR.

What is popularly known as the "Declaration of London" is the agreement entered into Feb. 26, 1909, at a naval conference closing on that date in London, England, between representatives of the following powers: Germany, United States, Austria-Hungary, Spain, France, Great Britain, Italy, Japan, the Netherlands and Russia. The conference was held at the invitation of Great Britain in order to arrive at an agreement as to what are the generally recognized rules of international law within the meaning of article 7 of the convention of Oct. 18, 1907 (at The Hague) relative to the establishment of an international prize court. The agreement contains nine chapters and seventy-one articles, embodying what the signatory powers declare to correspond in substance with the generally

recognized principles of international law. The subjects of the chapters are as follows: Chapter I, blockade in time of war; chapter II, contraband of war; chapter III, unneutral service; chapter IV, destruction of neutral prizes; chapter V, transfer to a neutral flag; chapter VI, enemy character; chapter VII, convoy; chapter VIII, resistance to search; chapter IX, compensation.

The signatory powers undertake to insure the mutual observance of the rules contained in the present declaration in any war in which all the belligerents are parties thereto. Ratifications are to be deposited in London. Powers not represented at the naval conference were requested to accede to the declaration of London, those doing so being placed on the same footing as the signatory powers.

FLOWER AND GEM SYMBOLS OF MONTHS.

Month.	Flower.	Gem.
January.....	Snowdrop.....	Garnet.
February.....	Primrose.....	Amethyst.
March.....	Violet.....	Bloodstone.
April.....	Daisy.....	Diamond.
May.....	Hawthorn.....	Chalcedony.
June.....	Honeysuckle.....	Chalcedony.
July.....	Water lily.....	Ruby.
August.....	Poppy.....	Sardonyx.
September.....	Morning glory.....	Sardonyx.
October.....	Hops.....	Aquamarine.

Month.	Flower.	Gem.
November.....	Chrysanthemum....	Topaz.
December.....	Holly.....	Turquoise.

The above gem symbols are those of Polish tradition. The Jewish gem symbols of the months are: January, garnet; February, amethyst; March, Jasper; April, sapphire; May, chalcedony, carnelian or agate; June, emerald; July, onyx; August, carnelian; September, chrysolite; October, aquamarine or beryl; November, topaz; December, ruby.

RATES OF POSTAGE AND MONEY ORDERS.

The domestic letter rate is 2 cents an ounce or fraction thereof, and it applies to the island possessions of the United States, Cuba, Canada, Newfoundland, Labrador, united kingdom, Germany (direct), Mexico, Shanghai, the canal zone and republic of Panama. The foreign letter rate is 5 cents an ounce or fraction thereof, and it applies to all foreign countries in the universal postal union except those named above.

DOMESTIC.

FIRST CLASS—Letters and all written or partly written matter, whether sealed or unsealed, and all other matter sealed or otherwise closed against inspection, 2 cents per ounce or fraction thereof. Postal cards issued by the government sold at 1 cent each; double, or reply cards, 2 cents each. Cards must not be changed or mutilated in any way and no printing or writing other than the address is allowable on the address side. "Private mailing cards" (post cards) require 1 cent postage.

Among the articles requiring first-class postage are blank forms filled out in writing; certificates, checks and receipts filled out in writing; copy (manuscript or typewritten) unaccompanied by proof sheets; plans and drawings containing written words, letters or figures; price lists containing written figures changing individual items; old letters sent singly or in bulk; typewritten matter and manifold copies thereof, and stenographic notes.

SECOND CLASS—All regular newspapers, magazines and other periodicals issued at stated intervals not less frequently than four times a year, when mailed by publishers or news agents, 1 cent a pound or fraction thereof; when mailed by others, 1 cent for each four ounces or fractional part thereof.

THIRD CLASS—Books, circulars, pamphlets and other matter wholly in print (not included in second-class matter), 1 cent for each two ounces or fractional part thereof. The following named articles are among those subject to third-class rate of postage: Almanacs, architectural designs, blue prints, bulbs, seeds, roots, scions and plants, calendars, cards, press clippings with name and date of papers stamped or written in, engravings, samples of grain in its natural condition, imitation of hand or type written matter when mailed at post-office window in a minimum number of twenty identical copies separately addressed; insurance applications and other blank forms mainly in print; printed labels, lithographs, maps, music books, photographs, tags, proof sheets, periodicals having the character of books, and publications which depend for their circulation upon offers of premiums.

FOURTH CLASS—All matter not in the first, second or third class which is not in its form or nature liable to destroy, deface or otherwise damage the contents of the mailbag or harm the person of any one engaged in the postal service, 1 cent an ounce or fraction thereof. Included in fourth-class mail matter are the following articles: Blank books, blank cards or paper, blotters, playing cards, celluloid, coin, crayon pictures, cut flowers, metal or wood cuts, drawings, dried fruit, dried plants, electrotype plates, framed engravings, envelopes, geological specimens, letter heads, cloth maps, samples of merchandise, metals, minerals, napkins, oil paintings, paper bags or wrapping paper, photograph albums, printed matter on other material than paper, queen bees properly packed, stationery, tints, wall paper and wooden rulers bearing printed advertisements.

UNMAILABLE MATTER—Includes that which is prohibited by law, regulation or treaty stipulation and that which by reason of illegible or insufficient address cannot be forwarded to destination. Among the articles prohibited are poisons, explosives or inflammable articles, articles exhalting bad odors, vinous, spirituous and malt liquors, specimens of disease germs, lottery tickets and circulars, indecent and scurrilous matter.

SPECIAL DELIVERY—Any article of mailable matter bearing a 10-cent special delivery stamp in addition to the regular postage is entitled to immediate delivery on its arrival at the office of address between the hours of 7 a. m. and 11 p. m., if the

office be of the free delivery class, and between the hours of 7 a. m. and 7 p. m., if the office be other than a free delivery office.

REGISTRATION—All mailable matter may be registered at the rate of 10 cents for each package in addition to the regular postage, which must be prepaid. An indemnity not to exceed \$50 will be paid for the loss of first-class registered matter, and 50 francs (\$10) in case of the loss of a registered article addressed to a country in the universal postal union, under certain conditions.

LIMITS OF WEIGHT—No package of third or fourth class matter weighing more than four pounds, except single books, will be received for conveyance by mail. The limit of weight does not apply to second-class matter mailed at the second-class rate of postage, or at the rate of 1 cent for each four ounces, nor is it enforced against matter fully prepaid with postage stamps affixed at the first-class or letter rate of postage.

POST CARDS—A post card must be an unfolded piece of cardboard not exceeding 3-9-16 by 5-9-16 inches, nor less than 2-1/4 by 4 inches in size; it must be in form and quality and weight of paper substantially like the government postal cards; it may be of any color not interfering with the legibility of the address; the face of the card may be divided by a vertical line, the right half to be used for the address only and the left for the message, etc.; very thin sheets of paper may be attached to the card, and such sheets may bear both writing and printing; advertisements may appear on the back of the card and on the left half of the face. Cards bearing particles of glass, metal, mica, sand, tinsel or similar substances are unmailable except in envelopes.

DOMESTIC PARCEL POST—Effective Jan. 1, 1912—Any article is mailable if not over 11 pounds in weight nor more than 72 inches in length and earth combined, nor likely to injure the mails or postal equipment or employees.

Flat rate of 1 cent per ounce up to 4 ounces regardless of distance.

Above 4 ounces, rates are by the pound or fraction thereof, and varying with distance as follows:

	Each additional	First ditional Eleven
	pound.	pound. pounds.
Rural route and city delivery.....	.05	.01 .15
50 mile zone.....	.05	.03 .35
150 mile zone.....	.06	.04 .46
300 mile zone.....	.07	.05 .57
600 mile zone.....	.08	.06 .68
1,000 mile zone.....	.09	.07 .79
1,400 mile zone.....	.10	.09 1.00
1,800 mile zone.....	.11	.10 1.11
Over 1,800 miles.....	.12	.12 1.32

The postmaster-general may make provision for indemnity, insurance and collection on delivery, with additional charges for such service, and may, with the consent of the interstate commerce commission after investigation, modify rates, weights and zone distances, when experience has demonstrated the need therefor.

MONEY ORDER FEES—For domestic money orders in denominations of \$100 or less the following fees are charged:

For orders for sums not exceeding \$2.50.....	3c
For over \$2.50 and not exceeding \$5.....	5c
For over \$5 and not exceeding \$10.....	8c
For over \$10 and not exceeding \$20.....	10c
For over \$20 and not exceeding \$30.....	12c
For over \$30 and not exceeding \$40.....	15c
For over \$40 and not exceeding \$50.....	18c
For over \$50 and not exceeding \$60.....	20c
For over \$60 and not exceeding \$75.....	25c
For over \$75 and not exceeding \$100.....	30c

SUGGESTIONS—Direct your mail matter to a post-office, writing the name of the state plainly, and if to a city add the street and number or postoffice box of the person addressed. Write or print your name and address, and the contents, if a package, upon the upper lefthand corner of all mail matter. This will insure the immediate return of all first-class matter to you for correction, if improperly

addressed or insufficiently paid; and if it is not called for at destination it can be returned to you without going to the dead letter office. If a letter, it will be returned free. Undelivered second, third and fourth class matter will not be forwarded or returned without a new prepayment of postage. When a return card appears on this matter either the sender or addressee is requested to send the postage. Register all valuable letters and packages.

FOREIGN.

Letter postage to Germany is 2 cents an ounce or fraction (in direct German steamers only); to Newfoundland, Great Britain and Ireland, 2 cents an ounce or fraction.

The rates of postage to all foreign countries (except Canada, Mexico, Panama and Cuba, which are the same as domestic rates) are as follows: Letters, for the first ounce or fraction..... 5 cents Letters, for each additional or fraction of an ounce..... 3 cents

Postal cards, each..... 2 cents Newspapers and other printed matter, per 2 oz..... 1 cent

Registration fee on letters or other articles..... 10 cents

Commercial papers, packages not in excess of 10 ounces..... 5 cents

Commercial papers, packages in excess of 10 ounces, each 2 ounces or fraction..... 1 cent

Samples of merchandise, packets not in excess of 4 ounces..... 2 cents

Samples of merchandise, packets in excess of 4 ounces, each 2 ounces or fraction..... 1 cent

LIMIT OF WEIGHT—Packages of printed matter and commercial papers, 4 pounds 6 ounces; samples of merchandise, 12 ounces.

PREPAYMENT OF POSTAGE—Foreign mail should at all times be fully prepaid. If not fully prepaid double the deficiency will be collected upon delivery.

INTERNATIONAL REPLY COUPONS—These reply coupons, of the denomination of 6 cents each, are issued for the purpose of sending to correspondents in any of the countries named below. The foreign correspondent may exchange the coupons for postage stamps of that country equal in value to a 5 cent United States postage stamp, using the stamp for reply postage. The countries in which the reply coupon is valid are as follows:

Argentina, Austria and the Austrian postoffices in the Levant, Belgium, Bosnia-Herzegovina, Bulgaria, Chile, Korea, Costa Rica, Crete, Cuba, Denmark, Danish West Indies, Egypt, France, Germany, Great Britain, British postoffices in Morocco and Turkey, British colonies of Australia, Bahamas, Bechuanaland, Canada, Cape of Good Hope, Ceylon, Cook Islands, Dominica, East Africa, Ellice, Gibraltar, Gilbert, Gold Coast, Honduras (British), Hongkong and Hongkong offices in China, India, Labuan, Malta, Natal, Newfoundland, New Guinea, New Zealand, Seychelles, Sierra Leone, Solomon, Somaliland, South Rhodesia, Straits Settlements, Tasmania, Transvaal, Trinidad, Uganda, Zululand, Greece, Haiti, Honduras (Republic of), Hungary, Italy, Japan, Liberia, Luxemburg, Mauritius and dependencies, Mexico, Netherlands, Netherlands Guiana, the Netherlands Indies, Norway, Roumania, Salvador, Siam, Southern Nigeria, Spain, Sweden, Switzerland, Tunis, Turkey.

PARCEL POST EXCHANGES.

Australia.

Austria, including the Austrian offices in the Ottoman empire at Alexandretta, Beirut, Caifa, Candia, Canea, Cavalla, Chios, Constantinople, Dardanelles, Dedeah, Durazzo, Ineboli, Jaffa, Janina, Jerusalem, Kerassonda, Mersina, Mitylene, Prevesa, Ritimo, Rhodes, Saloniki, Samsoun, San Giovanni di Medua, Santi Quaranta, Scutari d'Albanie, Smyrna, Trebizond, Tripoli (Syria), Valona, Vathi (Samos).

Bahamas.

Barbadoes.*
Belgium.
Bermuda.
Bolivia.

Brazil.

British Guiana.
Chile.
Colombia.*
Costa Rica.

Danish West Indies (St. Croix, St. John, St. Thomas).
Denmark, including Iceland and Faroe Islands.
Dutch Guiana.*

Dutch West Indies (Aruba, Bonaire, Curacao, Saba, St. Eustatius and the Dutch part of St. Martin).*
Ecuador.*
France.*
Germany.*
Great Britain.*
Guatemala.

1. German offices in Africa—Cameroon (Kamerun) Duala, Akonolinga, Bamenda, Banjo, Bibundi, Bipindih, Bonaberi, Bonambei, Buea, Campo, Dschang, Dume, Ebolowa, Edoa, Garua, Jabassi, Jaunde, Johann-Albrechtshöhe, Joko, Kribi, Kuseri, Lobetal, Lolodorf, Lomie, Longji, Marenberg, Molundu, Mundeck, Nyanga, Ossidinge, Plantation, Rio del Rey, Victoria.

2. Togo—Lome, Agome-Palime, Anecho, Assahun, Atakpame, Kete-Kratschi, Ho, Kpandu, Noepe, Nuatja, Porto Seguro, Sokodo, Tokpli, Tsewie.

3. German East Africa—Daressalam, Tanga, Amani, Aruscha, Bagamoyo, Bismarckburg, Bulko, Bukoba, Iringa, Kilimanjaro, Kilossa, Kilwa, Kondoa-Irangi, Korogwe, Lindi, Mahenge, Mikindani, Mkalama, Mkumbara, Mohoro, Mombo, Morogoro, Moschi, Mpuwa, Mujaia, Muansa, Muhesa, Neu-Langenburg, Ngerengere, Pangani, Ruanda, Sadani, Schirati, Ssongea, Tabora, Tschole, Udjidji, Usumbura, Wiedhafen, Wilhelmstal.

4. German Southwest Africa—Windhuk, Luderitzbucht, Swakopmund, Arahob, Aris, Aub, Aus, Berseba, Bethanien, Brackwasser, Brackwater (Bz. Windhuk), Empfangsibucht, Epukiro, Fahlgras (Bz. Windhuk), Gibeon, Gobabis, Gochas, Grootfontein, Gross-Barmen, Gross-Witley, Guchab, Haris, Hasuur, Hatsamas, Hoachanas, Hohewarte, Jakalswater, Johann-Albrechtshöhe, Kalkfeld, Kalkfontein (Sud), Kanus, Karibib, Keetmanshoop, Khan, Koes, Kolmannskuppe, Kub, Kubas, Kuibis, Maltahöhe, Mariental, Nauchas, Neudamm, Okahandja, Okasise, Okaukuejo, Okombabe, Omaruru, Ongatzi, Osona, Otawi, Otjiherera, Otjimbingwe, Otjiwarongo, Otjosonjati, Outjo, Prinzenbacht, Ramansdrift, Rehoboth, Seeheim, Seels, Tsumeb, Ukamas, Usakos, Walda, Warmbad, Waterberg, Wilhelmstal.

1. German offices in China, in protectorate of Kiochow (Kiautschow)—Tsingtau, Litsun, Mecklenburg, Schatskyou, Syfang, Taputou, Tsangko, Tsingtau-Gr. Hafen, Tsingtau-Taputau.

2. In Chinese territory (China)—Amoy, Canton, Chefoo, Foochow, Hankow, Nanking, Pekin, Swatow, Shanghai, Tientsin, Tshinkiang, Tsinanfo, Wehsien.

Haiti.

Honduras (British).

Honduras (Republic of).

Hongkong—Amoy, Canton, Changsha, Chefoo, Chingkiang, Foochow, Hangchow, Hankow, Hoihao (Hoihow), Kiankiang, Kowloon, Liu Kung Tau, Nanking, Newchwang, Ningpo, Pekin, Shanghai, Shangkaiwan, Shasi, Soochow, Swatow, Tientsin, Tongku, Welhaiwei, Wuhu.

Hungary.*

Ireland.*

Italy.

1. Italian offices in Ottoman empire (Turkey)*—Benzazi (North Africa), Durazzo (Albania), Galata (Constantinople), Jerusalem (Palestine), Canea (Crete), Pera (Constantinople), Saloniki (Roumelia), Scutari (Asia Minor), Smyrna (Asia Minor), Stamboul (Constantinople), Tripoli-in-Barbary, Valona (Albania).

2. Italian colony of Erythrea (Africa)—Ady Oajje, Adi Ugril, Agordat, Asmara, Assab, Keren, Ne-fasit, Massaua, Saganetti.

3. Italian protectorate of Benadir—Brava, Glumbo, Merka, Mogadiscio.

Japan.*

In Manchuria—Antoken, Bujun, Choshun, Dairen, Daisiekkio, Daitoko, Furuken, Gaihei, Glukaton, Gwaboten, Hishika, Honkeiko, Hosen, Howaiko, Kaigen, Kajiko, Kinshu, Koshurei, Rjojun, Rujuton, Riyo, Senkinsai, Shiheigai, Shinminfu, Shoto, Sokako, Sokaton, Taikozan, Tetsurei, Yendai, Yugakujio.

In Karafuto (Japanese) Sakhalin.

Formosa.*

Korea.*

Jamaica (including the Turks and Caico islands).
Leeward Islands (Antigua), with Barbuda and Re-

Jorda, St. Kitts, Nevis, with Anguilla, Dominica, Montserrat and the Virgin Islands.

Mexico.*

Netherlands.*

Newfoundland.

New Zealand.

The Cook Islands, including Aitutaki, Atin, Hervey (Manuai), Mangala, Mauke, Mitiaro and Rarotonga; also the islands of Palmerston (Avarau), Manahiki, Penrhyn (Tongreva), Pukapuka (Donger), Rakaanga, Savage (Nide) and Suvarrow.

Nicaragua.

Sweden.

Norway.

Trinidad.

Panama (certain offices).

Uruguay.

Peru.

Venezuela.

Salvador.

Windward Islands (Grenada, St. Vincent, Grenadines and St. Lucia).

Unsealed packages of mailable merchandise may be sent to above named places subject to the conditions herein prescribed, viz:

Limit of weight.....11 pounds
Greatest length.....3 feet 6 inches
Greatest length and girth combined.....5 feet
Postage.....12 cents a pound or fraction

*EXCEPTIONS.

Except that parcels for Colombia and Mexico must not measure more than two (2) feet in length or more than four (4) feet in girth. Also that parcels for Formosa, Hungary, Japan, Korea and Sweden must not exceed \$80 in value, and that parcels for Ecuador must not exceed \$50 in value.

When packages of merchandise intended for Mexico do not exceed four (4) pounds in weight they may be sent under the same conditions applicable to packages of merchandise in the domestic mails—1 cent for each ounce or fraction thereof, fully prepaid.

Parcel post packages for Barbadoes, Dutch Guiana, Dutch West Indies, France, Great Britain, Ireland, Netherlands and Uruguay cannot be registered.

A parcel when sent as parcel post must not be posted in a letter box, but must be taken to the foreign branch, general postoffice, or any postal station, and presented to the person in charge, between the hours of 9 a. m. and 5 p. m., where a declaration of contents must be made, a record kept and a receipt given for the parcel. Packages for Dutch Guiana, Dutch West Indies, France (special form), Netherlands, Salvador and Uruguay require two declarations, and Venezuela three.

INTERNATIONAL MONEY ORDERS.

International money orders are issued payable in France, Algeria, Apia (Samoa), Arabia, Argentine Republic, Australia, Austria, Azores, Belgium, Beloochistan, Beirut, Bolivia, Borneo, Bosnia, British East Africa, British Central Africa, British East Africa, Bulgaria, Cape Colony, Caroline Islands, Cayman Islands, Ceylon, Chile, China, Cook Islands, Costa Rica, Crete, Cyprus, Danish West Indies, Denmark, Dutch East Indies, Egypt, Falkland Islands, Faroe Islands, Fiji Islands, Finland, Formosa, France, Germany, Gibraltar, Great Britain and Ireland, Heligoland, Herzegovina, Holland, Honduras, Hongkong, Hungary, Iceland, India, Italy, Java, Japan, Jask (Persia), Java, Jerusalem, Kongo, Liberia, Luxemburg, Madeira, Malacca, Malta, Manchuria, Mauritius, Mexico, Monaco, Montenegro, Morocco, Mukho (Korea), Netherlands, New Guinea, New South Wales, New Zealand, North Borneo, Northern Nigeria, Norway, Orange River Colony, Palestine, Panama, Penrhyn Island, Persia, Peru, Pescadores Islands, Portugal, Queensland, Rhodes, Rhodesia, Roumania, Russia, Sakhalin (Japanese), St. Helena, Salvador, Samos Island, San Marino, Savage Island, Servia, Seychelle Islands, Siam,

South Australia, Spice Islands, Straits Settlements, Sumatra, Sweden, Switzerland, Tasmania, Tobago, Transvaal, Tripoli, Tunis, Turkey, Turks Island, Victoria, Wales, Western Australia, Zambesia, Zanzibar and Zululand (South Africa).

Rates of fees for money orders payable in Apia, Austria, Belgium, Bolivia, Chile, Costa Rica, Denmark, Egypt, Germany, Hongkong, Hungary, Japan, Liberia, Luxemburg, Mexico, Netherlands, New Zealand, Norway, Orange River Colony, Peru, Portugal, Sweden, Switzerland, Transvaal:

Orders for \$10 or less.....	\$0.08
Over \$10 and not exceeding \$20.....	.10
Over \$20 and not exceeding \$30.....	.15
Over \$30 and not exceeding \$40.....	.20
Over \$40 and not exceeding \$50.....	.25
Over \$50 and not exceeding \$60.....	.30
Over \$60 and not exceeding \$70.....	.35
Over \$70 and not exceeding \$80.....	.40
Over \$80 and not exceeding \$90.....	.45
Over \$90 and not exceeding \$100.....	.50

Fees collected on all other international money orders (see exceptions under head of domestic money order rates):

Not exceeding \$10.....\$0.10	Not exceeding \$60.....\$0.60
Not exceeding \$20......20	Not exceeding \$70......70
Not exceeding \$30......30	Not exceeding \$80......80
Not exceeding \$40......40	Not exceeding \$90......90
Not exceeding \$50......50	Not exceeding \$100.....1.00

The maximum amount for which a single international money order may be drawn is, for orders payable in—

United Kingdom of Great Britain and Ireland.....	£20 10s 8d=100
Cape Colony.....	£20 10s 8d=100
New Zealand.....	£20 10s 8d=100
Queensland.....	£20 10s 8d=100
France, Algeria and Tunis.....	Francs 515=100
Belgium.....	Francs 515=100
Switzerland.....	Francs 515=100
Italy.....	Lire 515=100
Portugal.....	Milreis 92 reis 590=100
The Netherlands.....	Florins 246.91=100
Germany.....	Marks 418.41=100
Norway.....	Kroner 371.75=100
Sweden.....	Kroner 371.75=100
Denmark.....	Kroner 371.75=100
Japan.....	Yen 100=100
Honduras.....	£20 10s 8d=100
New South Wales.....	£20 10s 8d=100
Victoria.....	£20 10s 8d=100
Tasmania.....	£20 10s 8d=100
Austria.....	Crowns 490.20=100
Hungary.....	Crowns 490.20=100
South Australia.....	£20 10s 8d=100
Luxemburg, Grand Duchy of.....	Francs 515=100
Salvador.....	£20 10s 8d=100
Hongkong.....	£20 10s 8d=100
Egypt.....	£20 10s 8d=100
Chile.....	£20 10s 8d=100
British Honduras.....	£20 10s 8d=100
Mexico.....	£20 10s 8d=100
Russia.....	194 rubles 33 kopecks=100
Apia.....	418.41 marks=100
Greece.....	Francs 515=100
Bolivia.....	100=100
Costa Rica.....	100=100
Liberia.....	100=100
Transvaal.....	100=100
Peru.....	100=100

The value of the British pound sterling in United States money is fixed by convention at \$4.87; the German mark at 23.9 cents; French and Swiss franc and Italian lire at 19.42 cents; Swedish and Norwegian Kroner at 27 cents; Netherlands florin at 40½ cents; Portugal milreis at \$1.09; Russian ruble at 51.46 cents.

WEIGHTS OF DIAMONDS AND FINENESS OF GOLD.

The weight of diamonds and other precious stones is expressed in carats, grains and quarter grains. The grains are pearl grains, one of which is equal to four-fifths of a troy grain. Four quarter-grains make one grain and four grains make one carat. A carat is therefore equal to four-fifths of a troy grain, or 3.2.

The fineness of gold is also expressed in carats. Pure gold is said to be twenty-four carats fine. If it contains eight parts of a baser metal or alloy it is only sixteen carats fine. The carats therefore indicate the proportion of pure gold to alloy. Most of the gold used by jewelers is about fourteen carats fine, having ten parts of alloy.

WORK OF 62D CONGRESS—SECOND SESSION.

Session began Dec. 4, 1911; ended Aug. 26, 1912.

- Act to provide for the opening, maintenance, protection and operation of the Panama canal and the sanitation and government of the canal zone; passed by house May 23; by senate Aug. 9; approved Aug. 24.
- Act making appropriations for the postoffice department, providing for a parcel post, fixing status of postal clerks, etc.; passed by house May 2; by senate Aug. 13; approved Aug. 24.
- Act limiting the hours of daily service of laborers employed upon work done for the United States, for any territory or for the District of Columbia; passed by house Dec. 14, 1911; by senate May 23, 1912; approved June 19.
- Act to create a commission on industrial relations; passed by house July 17; by senate Aug. 15; approved Aug. 23.
- Act to create in the department of commerce and labor a bureau to be known as the children's bureau; passed by senate Jan. 31; by house April 2; approved April 9.
- Act granting a service pension to certain defined veterans of the civil war and the war with Mexico; passed by house Dec. 12, 1911; by senate March 29, 1912; approved May 11.
- Act making appropriations for pensions and abolishing pension agencies; passed by house Feb. 1; by senate May 30; approved Aug. 17.
- Act to change the name of the public health and marine service to the public health service; passed by senate June 20, 1911; by house Aug. 10, 1912; approved Aug. 14.
- Act amending an act requiring apparatus and operators for radio-communication on certain steamers; passed by senate April 30; by house June 3; approved July 23.
- Act prohibiting the importation and interstate transportation of films or other pictorial representations of prize fights; passed by senate June 15; by house July 19; approved July 31.
- Act to regulate radio-communication; passed by senate May 7; by house Aug. 9; approved Aug. 13.
- Act to create a legislative assembly in the territory of Alaska, to confer legislative power thereon and for other purposes; passed by house April 24; by senate July 14; approved Aug. 24.
- Act giving effect to the convention for the protection of fur seals; passed by house Feb. 14; by senate Aug. 15; approved Aug. 24.
- Act making appropriations for the naval service, including building of one battle ship and other war vessels; passed by house Jan. 21; by senate July 24; approved Aug. 22.
- Act to equip all army transports with sufficient lifeboats; passed by house May 6; by senate June 7; approved June 14.
- Act amending copyright law; passed by house June 17; by senate Aug. 13; approved Aug. 24.
- Act to provide a title upon white phosphorus matches; passed by house March 23; by senate April 3; approved April 9.
- Act to patent certain semiarid lands to Luther Burbank; passed by house June 21; by senate Aug. 16; approved Aug. 24.
- Act to provide for the use of the American National Red Cross in time of war; passed by house March 4; by senate April 16; approved April 24.
- Act to reduce period of residence required on homestead lands before patents are issued from five to three years; passed by senate Feb. 5; by house March 27; approved June 7.
- Act amending an act to provide for an enlarged homestead; passed by senate April 18; by house June 3; approved June 14.
- Act amending the food and drugs act of 1906 so as to prevent misrepresentation on patent medicine labels; passed by house Aug. 19; by senate Aug. 20; approved Aug. 23.
- Act authorizing the director of the census to collect and publish statistics of cotton; passed by house April 15; by senate June 15; approved July 26.
- Act authorizing the director of the census to collect and publish statistics of tobacco; passed by house Dec. 7, 1911; by senate April 23, 1912; approved April 30.
- Act making appropriations for the army; passed by

house Feb. 15; by senate April 24; vetoed by president June 17; amended bill passed by house July 2; passed by senate Aug. 1; approved Aug. 24.

Act making appropriations for the legislative, executive and judicial expenses of the government; passed by house May 10; by senate June 14; vetoed by president Aug. 15; house refused to pass bill over veto; new bill passed by house Aug. 17; passed by senate Aug. 19; again vetoed by president Aug. 21; passed by house over president's veto Aug. 21; senate refused to pass bill over veto; amended bill passed house Aug. 21; passed senate Aug. 22; approved Aug. 23.

Senate resolution declaring invalid the election of William Lorimer to the senate of the United States adopted July 13 (legislative day July 6).

Senate resolution that Isaac Stephenson of Wisconsin be declared entitled to a seat as senator from the state of Wisconsin in the United States senate adopted March 27, 1912.

Joint resolution providing for the termination of the treaty of 1832 between the United States and Russia; passed by house Dec. 13, 1911; by senate Dec. 19; approved Dec. 21. (See Treaty with Russia Abrogated.)

Joint resolution providing for the submission to the states of a proposed amendment to the constitution for the election of United States senators; passed by house April 13, 1911; by senate with amendment June 12, 1911; amendment agreed to by house May 13, 1912.

Articles impeaching Robert W. Archbald, Circuit court judge assigned to the Court of Commerce, adopted by house July 11; presented to senate July 15; order adopted by senate to proceed with impeachment Dec. 3, 1912.

MEASURES THAT FAILED.

Bill to regulate the immigration of aliens and residence of aliens in the United States; passed by senate April 19; pending in house at time of adjournment.

Bill to revise the metal schedule of tariff law, placing on free list machine tools, etc.; passed by house Jan. 29; by senate May 30; vetoed by president Aug. 14; passed by house over veto Aug. 14; senate refused to pass bill over veto Aug. 16.

Bill to extend the special excise tax now levied with respect to doing business by corporations to persons, and to provide revenue for the government by levying a special excise tax with respect to doing business by individuals and copartnerships; passed by house March 19; by senate July 26; in conference at close of session.

Bill to reduce the duties on wool and manufactures of wool; passed by house April 1; by senate July 25; vetoed by president Aug. 9; passed by house over veto Aug. 13; senate refused to pass bill over veto Aug. 16.

Bill to create a department of labor; passed by house July 10; reported to senate and debated but not acted on.

Bill placing sugar on the free list; passed by house March 15; by senate, with amendment imposing a maximum duty of \$1.60 per hundred pounds on refined sugar, July 27; in conference when session closed.

Bill to reduce the duties on manufactures of cotton; passed by house Aug. 2; reported back adversely by senate finance committee Aug. 5; no further action taken.

Bill providing that no injunctions be issued except in certain cases without previous notice and an opportunity to be heard on behalf of the parties to be enjoined; passed by house May 14; no action taken by senate.

General treaties of arbitration with Great Britain and France "ratified" by senate March 7; amendments adopted resulting in nullification of treaties.

PANAMA CANAL ACT.

It is provided that the ten mile wide strip of land and water on the Isthmus of Panama acquired by the United States by treaty shall be designated as the canal zone and the canal being constructed thereon shall be designated the Panama canal. All present laws and regulations in the zone are rati-

fied and confirmed as valid and binding until congress shall otherwise provide. When in the judgment of the president the construction of the Panama canal shall be sufficiently advanced toward completion to render the further services of the isthmian canal commission unnecessary the president is authorized by executive order to discontinue the isthmian canal commission, which, together with the present organization, shall then cease to exist; and the president is authorized thereafter to complete, govern and operate the Panama canal and govern the canal zone, or cause them to be completed, governed and operated through a governor of the Panama canal and such other persons as he may deem competent to discharge the various duties connected with the completion, care, maintenance, sanitation, operation, government and protection of the canal and canal zone. If any of the persons appointed or employed as aforesaid shall be persons in the military or naval service of the United States the amount of the official salary paid shall be deducted from the amount of salary or compensation provided by or which shall be fixed under the terms of this act. The governor of the Panama canal shall be appointed by the president, by and with the advice and consent of the senate, commissioned for a term of four years and until his successor shall be appointed and qualified. He shall receive a salary of \$10,000 a year. All other persons necessary for the completion, care, maintenance, sanitation, government, operation and protection of the Panama canal and canal zone shall be appointed by the president, or by his authority, removable at his pleasure, and the compensation of such persons shall be fixed by the president, or by his authority, until such time as congress may by law regulate the same, but salaries or compensation fixed hereunder by the president shall in no instance exceed by more than 25 per cent the salary or compensation paid for the same or similar services to persons employed by the government in continental United States. Upon the completion of the Panama canal the president shall cause the same to be officially and formally opened for use and operation.

Before the completion of the canal the commission of arts may make report to the president of its recommendation regarding the architecture of the structures of the canal, such report to be transmitted to congress.

TOLLS.

The president is authorized to prescribe and from time to time change the tolls that shall be levied by the government of the United States for the use of the Panama canal: Provided, That no tolls, when prescribed as above, shall be changed unless six months' notice thereof shall have been given by the president by proclamation. No tolls shall be levied upon vessels engaged in the coastwise trade of the United States. Section 432 of the revised statutes is hereby amended to read as follows:

"Vessels built within the United States and belonging wholly to citizens thereof; and vessels which may be captured in war by citizens of the United States and lawfully condemned as prize, or which may be adjudged to be forfeited for a breach of the laws of the United States; and seagoing vessels, whether steam or sail, which have been certified by the steamboat inspection service as safe to carry dry and perishable cargo, not more than five years old when they apply for registry, whether built, which are to engage only in trade with foreign countries or with the Philippine islands and the islands of Guam and Tutula, being wholly owned by citizens of the United States or corporations organized and chartered under the laws of the United States or of any state thereof, the president and managing directors of which shall be citizens of the United States, or corporations organized under the laws of the United States, or of any state thereof, the president and managing directors of which shall be citizens of the United States, and no other vessels may be registered as directed in this title. Foreign built vessels registered pursuant to this act shall not engage in the coastwise trade: Provided, That a foreign built yacht, pleasure boat or vessel not intended to be used for trade admitted to American registry pursuant to this section shall not be exempt from the collection of ad valorem duty

provided in section 37 of the act approved Aug. 5, 1909, entitled 'An act to provide revenue, equalize duties and encourage the industries of the United States, and for other purposes.' That all materials of foreign production which may be necessary for the construction or repair of vessels built in the United States and all such materials necessary for the construction or repair of their machinery, and all articles necessary for their outfit and equipment may be imported into the United States free of duty under such regulations as the secretary of the treasury may prescribe: Provided further, That such vessels so admitted under the provisions of this section may contract with the postmaster-general under the act of March 3, 1891, entitled 'An act to provide for ocean mail service between the United States and foreign ports, and to promote commerce' so long as such vessels shall in all respects comply with the provisions and requirements of this act."

Tolls may be based upon gross or net registered tonnage, or otherwise, and may be based on one form of tonnage for warships and another for ships of commerce. The rate of tolls may be lower upon vessels in ballast than upon vessels carrying passengers or cargo. When based upon net registered tonnage for ships of commerce the tolls shall not exceed \$1.25 per net registered ton, nor be less, other than for vessels of the United States and its citizens, than the estimated proportionate cost of the actual maintenance and operation of the canal, subject, however, to the provisions of article 19 of the convention between the United States and the republic of Panama, entered into Nov. 18, 1903. If the tolls shall not be based upon the net registered tonnage they shall not exceed the equivalent of \$1.25 per net registered ton as nearly as the same may be determined, nor be less than the equivalent of 75 cents per net registered ton. The toll for each passenger shall not be more than \$1.50. The president is authorized to make and from time to time amend regulations governing the operation of the Panama canal, and the passage and control of vessels through the same or any part thereof, including the locks and approaches thereto, and all rules and regulations affecting pilots and pilotage in the canal or the approaches thereto through the adjacent waters.

Such regulations shall provide for prompt adjustment by agreement and immediate payment of claims for damages which may arise from injury to vessels, cargo or passengers from the passing of vessels through the locks under the control of those operating them under such rules and regulations. In case of disagreement suit may be brought in the District court of the canal zone against the governor of the Panama canal. The hearing and disposition of such cases shall be expedited and the judgment shall be immediately paid out of any moneys appropriated or allotted for canal operation.

PERSONAL INJURY CLAIMS.

The president shall provide a method for the determination and adjustment of all claims arising out of personal injuries to employees thereafter occurring while directly engaged in actual work in connection with the construction, maintenance, operation or sanitation of the canal or of the Panama railroad, or of any of its locks, locks, or other works necessary and convenient for the construction, maintenance, operation or sanitation of the canal, whether such injuries result in death or not, and prescribe a schedule of compensation therefor, and may revise and modify such method and schedule at any time; and such claims, to the extent they shall be allowed on such adjustment, if allowed at all, shall be paid out of the moneys hereafter appropriated for that purpose or out of the funds of the Panama Railroad company, if said company was responsible for said injury, as the case may require. And after such method and schedule shall be provided by the president the provisions of the act granting to certain employees of the United States the right to receive from it compensation for injuries sustained in the course of their employment, approved May 30, 1908, and of the act relating to injured employees on the isthmian canal, approved Feb. 24, 1909, shall not apply to personal injuries thereafter received and claims for which are subject to determination and adjustment as provided in this section.

WIRELESS TELEGRAPH.

The president is authorized to cause to be erected, maintained and operated, subject to the international convention and the act of congress to regulate radio-communication, at suitable places along the Panama canal and the coast adjacent to its two terminals, in connection with the operation of said canal, such wireless telegraphic installations as he may deem necessary for the operation, maintenance, sanitation and protection of said canal, and for other purposes.

DOCKS AND WHARVES.

The president is also authorized to establish and operate, through the Panama Railroad company or otherwise, dry docks, repair shops, docks, wharves, warehouses and other necessary facilities for the purpose of providing coal and other materials, labor, repairs and supplies for vessels of the government of the United States and, incidentally, for supplying such at reasonable prices to passing vessels. Moneys received for the conduct of the business may be reinvested for such purposes without being turned into the treasury of the United States, but net profits shall annually be covered into the treasury of the United States.

GOVERNMENT OF ZONE.

The governor of the Panama canal shall have official control and jurisdiction over the canal zone and shall perform all duties in connection with the civil government of the canal zone, which is to be treated as an adjunct to the canal. Unless in this act otherwise provided, all existing laws of the canal zone referring to the civil governor or civil administration of the zone shall be applicable to the governor of the Panama canal.

COURTS.

The act makes provision for magistrate courts, for constables and for notaries public. It also provides for a District court with two divisions, one including Balboa and the other including Cristobal. In general the machinery, powers and jurisdiction of the court are similar to District courts in the United States proper. The Circuit Court of Appeals of the 5th circuit of the United States shall have jurisdiction to review, affirm or reverse the final judgments and decrees of the District court of the canal zone.

After the Panama canal shall have been opened for operation the governor shall have the right to make such rules and regulations, subject to the approval of the president, touching the right of any person to remain upon or pass over any part of the canal zone as may be necessary. It shall be unlawful for any person in any way to injure or obstruct any part of the canal, its locks or approaches thereto. Any person violating this provision shall be guilty of a felony and on conviction shall be punished by a fine not exceeding \$10,000 or by imprisonment not exceeding twenty years, or both, in the discretion of the court. If the act shall cause the death of any person within a year and a day thereafter the person so convicted shall be guilty of murder and shall be punished accordingly.

RAILROAD OWNED VESSELS EXCLUDED.

Section 5 of the act to regulate commerce, approved Feb. 4, 1887, as heretofore amended, is amended by adding a new paragraph at the end thereof, as follows:

"From and after the first day of July, 1914, it shall be unlawful for any railroad company or other common carrier subject to the act to regulate commerce to own, lease, operate, control or have any interest whatsoever (by stock ownership or otherwise, either directly, indirectly, through any common or in any other manner) in any common carrier by water operated through the Panama canal or elsewhere with which said railroad or other carrier aforesaid does or may compete for traffic or any vessel carrying freight or passengers upon said water route or elsewhere with which said railroad or other carrier aforesaid does or may compete for traffic; and in case of the violation of this provision each day in which such violation continues shall be deemed a separate offense."

Jurisdiction is conferred on the Interstate commerce commission to determine questions of fact

as to the competition or possibility of competition, after full hearing, on the application of any railroad company or other carrier. If the interstate commerce commission shall be of the opinion that any such existing specified service by water other than through the Panama canal is being operated in the interest of the public and is of advantage to the convenience and commerce of the people, and that such extension will neither exclude, prevent nor reduce competition on the route by water under consideration, the interstate commerce commission may, by order, extend the time during which such service by water may continue to be operated beyond July 1, 1914. In every case of such extension the rates, schedules and practices of such water carrier shall be filed with the interstate commerce commission.

No vessel permitted to engage in the coastwise or foreign trade of the United States shall be permitted to enter or pass through the canal if such ship is owned, chartered, operated or controlled by any person or company which is doing business in violation of the acts of the United States against trusts and monopolies.

IN TIME OF WAR.

In time of war in which the United States shall be engaged, or when, in the opinion of the president, war is imminent, such officer of the army as the president may designate shall, upon the order of the president, assume and have exclusive authority and jurisdiction over the operation of the Panama canal, including the entire control and government of the canal zone, and during a continuance of such condition the governor of the Panama canal shall be subject to the order and direction of such officer of the army. (Approved Aug. 24, 1912.)

PARCEL POST LAW.

Section 8 of the postoffice appropriation bill, approved Aug. 24, 1912, contains the new parcel post law, effective Jan. 1, 1913. The section in full is as follows:

That hereafter fourth-class mail matter shall embrace all other matter, including farm and factory products, not now embraced by law in either the first, second or third class, not exceeding eleven pounds in weight, nor greater in size than seventy-two inches in length and girth combined, nor in form or kind likely to injure the person of any postal employe or damage the mail equipment or other mail matter and not of a character perishable within a period reasonably required for transportation and delivery.

That for the purposes of this section the United States and its several territories and possessions, excepting the Philippine islands, shall be divided into units of area thirty minutes square, identical with a quarter of the area formed by the intersecting parallels of latitude and meridians of longitude, represented on appropriate postal maps or plans, and such units of area shall be the basis of eight postal zones, as follows:

The first zone shall include all territory within such quadrangle, in conjunction with every contiguous quadrangle, representing an area having a mean radial distance of approximately fifty miles from the center of any given unit of area.

The second zone shall include all units of area outside the first zone lying in whole or in part within a radius of approximately 150 miles from the center of a given unit of area.

The third zone shall include all units of area outside the second zone lying in whole or in part within a radius of approximately 300 miles from the center of a given unit of area.

The fourth zone shall include all units of area outside the third zone lying in whole or in part within a radius of approximately 600 miles from the center of a given unit of area.

The fifth zone shall include all units of area outside the fourth zone lying in whole or in part within a radius of approximately 1,000 miles from the center of a given unit of area.

The sixth zone shall include all units of area outside the fifth zone lying in whole or in part within a radius of approximately 1,400 miles from the center of a given unit of area.

The seventh zone shall include all units of area outside the sixth zone lying in whole or in part

within a radius of approximately 1,800 miles from the center of a given unit of area.

The eighth zone shall include all units of area outside the seventh zone.

That the rate of postage on fourth-class matter weighing not more than four ounces shall be 1 cent for each ounce or fraction of an ounce, and on such matter in excess of four ounces in weight the rate shall be by the pound, as hereinafter provided, the postage in all cases to be prepaid by distinctive postage stamps affixed.

That except as provided in the next preceding paragraph postage on matter of the fourth class shall be prepaid at the following rates:

On all matter mailed at the postoffice from which a rural route starts, for delivery on such route, or mailed at any point on such route for delivery at any other point thereon, or at the office from which the route starts, or on any rural route starting therefrom, and on all matter mailed at a city carrier office, or at any point within its delivery limits, for delivery by carriers from that office, or at any office for local delivery, 5 cents for the first pound or fraction of a pound and 1 cent for each additional pound or fraction of a pound.

For delivery within the first zone, except as provided in the next preceding paragraph, 5 cents for the first pound or fraction of a pound and 3 cents for each additional pound or fraction of a pound.

For delivery within the second zone, 6 cents for the first pound or fraction of a pound and 4 cents for each additional pound or fraction of a pound.

For delivery in the third zone, 7 cents for the first pound or fraction of a pound and 5 cents for each additional pound or fraction of a pound.

For delivery within the fourth zone, 8 cents for the first pound or fraction of a pound and 6 cents for each additional pound or fraction of a pound.

For delivery within the fifth zone, 9 cents for the first pound or fraction of a pound and 7 cents for each additional pound or fraction of a pound.

For delivery within the sixth zone, 10 cents for the first pound or fraction of a pound and 8 cents for each additional pound or fraction of a pound.

For delivery within the seventh zone, 11 cents for the first pound or fraction of a pound and 10 cents for each additional pound or fraction of a pound.

For delivery within the eighth zone and between the Philippine islands and any portion of the United States, including the District of Columbia and the several territories and possessions, 12 cents for the first pound or fraction of a pound and 12 cents for each additional pound or fraction of a pound.

That the postmaster-general shall provide such special equipment, maps, stamps, directories and printed instructions as may be necessary for the administration of this section, and for the purposes of this section, and to supplement existing appropriations, including the hiring of teams and drivers, there is hereby appropriated, out of any money in the treasury not otherwise appropriated, the sum of \$750,000.

The classification of articles mailable as well as the weight limit, the rates of postage, zone or zones and other conditions of mailability under this act, if the postmaster-general shall find or experience that they or any of them are such as to prevent the shipment of articles desirable, or to permanently render the cost of the service greater than the receipts of the revenue therefrom, he is hereby authorized, subject to the consent of the interstate commerce commission after investigation, to reform from time to time such classification, weight limit, rates, zone or zones or conditions, or either, in order to promote the service to the public, to amend the receipt of revenue from such service adequate to pay the cost thereof.

The postmaster-general shall make provision by regulation for the indemnification of shippers, for shipment injured or lost, by insurance or otherwise, and, when desired, for the collection on delivery of the postage and price of the article shipped, fixing such charges as may be necessary to pay the cost of such additional services.

The postmaster-general may readjust the compensation of star route and screen wagon contractors if it should appear that as a result of the parcel post system the weight of the mails handled by them has been materially increased. Before such readjustment, however, a detailed account

must be kept as to the amount of business handled by such star route or screen wagon contractors before and after this section becomes effective for such a period as to clearly demonstrate the amount of the increase and that such increase in the weight of the mails was due to the adoption of the parcel post system.

That the establishment of zones and postage rates of this section shall go into effect Jan. 1, 1913.

That this act shall not in any way affect the postage rate on seeds, cuttings, bulbs, roots, scions and plants, as fixed by section 482 of the postal laws and regulations.

That for the purpose of a further inquiry into the subject of the general parcel post and all related subjects a joint committee of six persons (members of congress), three of whom shall be appointed by the president of the senate and three by the speaker of the house of representatives, is constituted, with full power to appoint clerks, stenographers and experts to assist them in this work. That the postmaster-general and the interstate commerce commission shall furnish such data and otherwise render such assistance to the said committee as may be desired or available. For the purpose of defraying the expenses of this committee the sum of \$25,000 is hereby appropriated out of the moneys in the treasury not otherwise appropriated. The committee shall report fully to congress at the earliest date possible.

That all laws and parts of laws in conflict with the provisions of this section are hereby repealed.

SUMMARY OF RATES.

Flat rate of 1 cent per ounce up to four ounces regardless of distance.

Above four ounces, rates are by the pound or fraction thereof and varying with distance as follows:

	Each ad-	First	Additional	Eleven
	pound.	pound.	pound.	pounds.
Rural route and city delivery	\$0.05	\$0.01	\$0.01	\$0.15
50 mile zone.....	.05	.03	.03	.35
150 mile zone.....	.06	.04	.04	.46
300 mile zone.....	.07	.05	.05	.57
600 mile zone.....	.08	.06	.06	.68
1,000 mile zone.....	.09	.07	.07	.79
1,400 mile zone.....	.10	.09	.09	1.00
1,800 mile zone.....	.11	.10	.10	1.11
Over 1,800 miles.....	.12	.12	.12	1.32

HOURS OF LABOR.

Every contract hereafter made to which the United States, any territory or the District of Columbia is a party, and every contract made for or on behalf of the United States or any territory, or said district, which may require or involve the employment of laborers or mechanics shall contain a provision that no laborer or mechanic doing any part of the work contemplated by the contract, in the employ of the contractor or any subcontractor contracting to do any part of said work, shall be required or permitted to work more than eight hours in any one calendar day upon such work; and every such contract shall stipulate a penalty for each violation of such contract of \$5 for each laborer or mechanic for every calendar day in which he shall be required or permitted to labor more than eight hours upon said work; and any officer or person designated as inspector of the work to be performed under any such contract, or to aid in enforcing the fulfillment thereof, shall, upon observation or investigation, forthwith report to the proper officer of the United States, or of any territory, or of the District of Columbia, all violations of the provisions of this act directed to be made in such contract, together with the name of each laborer or mechanic who has been required or permitted to labor in violation of such stipulation and the day of such violation, and the amount of the penalties imposed according to the stipulation in any such contract shall be directed to be withheld for the use and benefit of the United States, the District of Columbia or the territory contracting by the officer or person whose duty it shall be to approve the payment of the moneys due under such contract, whether the violation of the provisions of such contract was by the contractor or any subcontractor. Any contractor or subcontractor aggrieved by the withholding of any penalty as hereinbefore provided shall have the

right within six months thereafter to appeal to the head of the department making the contract on behalf of the United States or the territory, and in the case of a contract made by the District of Columbia to the commissioners thereof, who shall have the power to review the action imposing the penalty, and in all such appeals from such final order whereby a contractor or subcontractor may be aggrieved by the imposition of the penalty hereinafter provided the contractor or subcontractor may within six months after decision by such head of a department or the commissioners of the District of Columbia file a claim in the Court of Claims, which shall have jurisdiction to hear and decide the matter in like manner as in other cases before said court.

Nothing in this act shall apply to contracts for transportation by land or water, or for the transmission of intelligence, or for the purchase of supplies by the government, whether manufactured to conform to particular specifications or not, or for such materials or articles as may usually be bought in open market, except armor and armor plate, whether made to conform to particular specifications or not, or to the construction or repair of eaves or revetments necessary for protection against floods or overflows on the navigable waters of the United States: Provided, That all classes of work which have been, are now or may hereafter be performed by the government shall, when done by contract, by indirect upon firms, corporations or on behalf of the United States or any of the territories or the District of Columbia, be performed in accordance with the terms and provisions of this act. The president, by executive order, may waive the provisions and stipulations in this act as to any specific contract or contracts during time of war or a time when war is imminent, and until Jan. 1, 1915, as to any contract or contracts entered into in connection with the construction of the isthmian canal. No penalty shall be imposed for any violation of this provision in such contract due to any extraordinary events or conditions of manufacture, or to any emergency caused by fire, famine or flood, by to danger to life or to property, or by other extraordinary event or condition on account of which the president shall subsequently declare the violation to have been excusable. Nothing in this act shall be construed to repeal or modify the act entitled "An act relating to the limitation of the hours of daily service of laborers and mechanics employed upon the public works of the United States and of the District of Columbia," being chapter 352 of the laws of the 52d congress, approved Aug. 1, 1892, as modified by the acts of congress approved Feb. 27, 1906, and June 30, 1906, or apply to contracts which have been or may be entered into under the provisions of appropriation acts approved prior to the passage of this act.

This act shall become effective and be in force on and after Jan. 1, 1913. (Approved June 19.)

COMMISSION ON INDUSTRIAL RELATIONS.

There is created a commission to be called the commission on industrial relations and to be composed of nine persons to be appointed by the president of the United States, not less than three of whom shall be employers of labor and not less than three representatives of organized labor. The department of commerce and labor is authorized to co-operate with the commission. The members of the commission are to be paid their actual traveling and other expenses and \$10 a day each while engaged in the work of the commission. The commission may report to congress its findings and recommendations from time to time and shall make a final report not later than three years from the date of the approval of the act, at which time the term of the commission shall expire. It shall make at least one report within the first year of its appointment and a second report within the second year of its appointment.

The commission shall inquire into the general condition of labor in the principal industries of the United States, including agriculture, and especially in those which are carried on in corporate forms; into existing relations between employers and employees; into the effect of industrial conditions on public welfare and into the rights and powers of the community to deal therewith; into the conditions of sanitation and safety of employees and the

provisions for protecting the life, limb and health of the employees; into the growth of associations of employers and of wage earners and the effect of such associations upon the relations between employers and employees; into the extent and results of methods of collective bargaining; into any methods which have been tried in any state or in foreign countries for maintaining mutually satisfactory relations between employees and employers; into methods for avoiding or adjusting labor disputes through peaceful and conciliatory mediation and negotiations; into the scope, methods and resources of existing bureaus of labor and into possible ways of increasing their usefulness; into the question of smuggling or other illegal entry of Asiatics into the United States or its insular possessions, and of the methods by which such Asiatics have gained and are gaining such admission, and shall report to congress as speedily as possible, with such recommendation as said commission may think proper to prevent such smuggling and illegal entry. The commission shall seek to discover the underlying causes of dissatisfaction in the industrial situation and report its conclusions thereon. The sum of \$100,000 is appropriated for the use of the commission for the fiscal year ending June 30, 1913. (Approved Aug. 23, 1912.)

HOURS OF POSTAL EMPLOYEES.

Section 5 of the postoffice appropriation bill, approved Aug. 24, 1912, provides that on and after March 4, 1913, letter carriers in the city delivery service and clerks in first and second class post-offices shall be required to work not more than eight hours a day. Provided, That the eight hours of service shall not extend over a longer period than ten consecutive hours, and the schedules of duty of the employees shall be regulated accordingly. That in cases of emergency, or if the needs of the service require, letter carriers in the city delivery service and clerks in first and second class post-offices can be required to work in excess of eight hours a day, and for such additional services they shall be paid extra in proportion to their salaries as fixed by law. That should the needs of the service require the employment on Sunday of letter carriers in the city delivery service and clerks in first and second class post-offices, the employees who are required and ordered to perform Sunday work shall be allowed compensatory time on one of the six days following the Sunday on which they perform such service.

CHILD BUREAU.

There shall be established in the department of commerce and labor a bureau to be known as the children's bureau. The bureau shall be under the direction of a chief, to be appointed by the president, and with the advice and consent of the senate, and who shall receive an annual compensation of \$5,000. The bureau shall investigate and report to the department upon all matters pertaining to the welfare of children and child life among all classes of our people, and shall especially investigate the questions of infant mortality, the birth rate, orphanage, juvenile courts, desertion, dangerous occupations, accidents and diseases of children, employment, legislation affecting children in the several states and territories. But no official, or agent, or representative of said bureau shall, over the objection of the head of the family, enter any house, used exclusively as a family residence. The chief of the bureau may from time to time publish the results of these investigations in such manner and to such extent as may be prescribed by the secretary of commerce and labor.

There shall be in the bureau, until otherwise provided for by law, an assistant chief, to be appointed by the secretary of commerce and labor, who shall receive an annual compensation of \$2,400; one private secretary to the chief of the bureau, who shall receive an annual compensation of \$1,500; one statistical expert at \$2,000; two clerks of class four, two clerks of class three, one clerk of class two, one clerk of class one, one clerk at \$1,000; one copyist at \$900; one special agent at \$1,400; one special agent at \$1,200 and one messenger at \$840. (Approved April 9, 1912.)

[Miss Julia C. Lathrop of Chicago was appointed chief of the bureau.]

SERVICE PENSION ACT.

Any person who served ninety days or more in the military or naval service of the United States during the late civil war, who has been honorably discharged therefrom and who has reached the age of 62 years or over, shall, upon making proof of such facts, according to such rules and regulations as the secretary of the interior may provide, be placed upon the pension roll and be entitled to receive a pension as follows: In case such person has reached the age of 62 years and served ninety days, \$13 per month; six months, \$13.50 per month; one year, \$14 per month; one and a half years, \$14.50 per month; two years, \$15 per month; two and a half years, \$15.50 per month; three years or over, \$16 per month. In case such person has reached the age of 66 years and served ninety days, \$15 per month; six months, \$15.50 per month; one year, \$16 per month; one and a half years, \$16.50 per month; two years, \$17 per month; two and a half years, \$18 per month; three years or over, \$19 per month. In case such person has reached the age of 70 years and served ninety days, \$18 per month; six months, \$19 per month; one year, \$20 per month; one and a half years, \$21.50 per month; two years, \$23 per month; two and a half years, \$24 per month; three years or over, \$25 per month. In case such person has reached the age of 75 years and served ninety days, \$21 per month; six months, \$22.60 per month; one year, \$24 per month; one and a half years, \$27 per month; two years or over, \$30 per month. That any person who served in the military or naval service of the United States during the civil war and received an honorable discharge, and who was wounded in battle or in line of duty and is now unfit for manual labor by reason thereof, or who from disease or other causes incurred in line of duty resulting in his disability is now unable to perform manual labor, shall be paid the maximum pension under this act, to wit, \$30 per month, without regard to length of service or age.

That any person who has served sixty days or more in the military or naval service of the United States in the war with Mexico and has been honorably discharged therefrom, shall, upon making like proof of such service, be entitled to receive a pension of \$30 per month.

All of the aforesaid pensions shall commence from the date of filing of the applications in the bureau of pensions after the passage and approval of this act: Provided, That pensioners who are 62 years of age or over and who are now receiving pensions under existing laws, or whose claims are pending in the bureau of pensions, may, by application to the commissioner of pensions, in such form as he may prescribe, receive the benefits of this act; and nothing herein contained shall prevent any pensioner or person entitled to a pension from prosecuting his claim and receiving a pension under any other general or special act: Provided, That no person shall receive a pension under any other law at the same time or for the same period that he is receiving a pension under the provisions of this act: Provided further, That no person who is now receiving or shall hereafter receive a greater pension, under any other general or special law, than he would be entitled to receive under the provisions herein shall be pensionable under this act.

Sec. 2. That rank in the service shall not be considered in applications filed hereunder.

Sec. 3. That no pension attorney, claim agent or other person shall be entitled to receive any compensation for services rendered in presenting any claim to the bureau of pensions or securing any pension, under this act, except in applications for original pension by persons who have not heretofore received a pension.

Sec. 4. That the benefits of this act shall include any person who served during the late civil war, or in the war with Mexico, and who is now or may hereafter become entitled to pension under the acts of June 27, 1890; Feb. 15, 1895, and the joint resolutions of July 1, 1892, June 23, 1906, and the act of Jan. 29, 1887; March 3, 1892, and Feb. 17, 1897.

Sec. 5. That it shall be the duty of the commissioner of pensions, as each application for pension under this act is adjudicated, to cause to be kept a record showing the name and length of service

of each claimant, the monthly rate of payment granted to or received by him and the county and state of his residence; and shall at the end of the fiscal year 1914 tabulate the record so obtained by states and counties, and shall furnish certified copies thereof upon demand and the payment of such fee therefor as is provided by law for certified copies of records in the executive departments. (Approved May 11, 1912.)

PENSION AGENCIES ABOLISHED.

The act making appropriations for the payment of invalid and other pensions of the United States for the fiscal year ending June 30, 1913, contains the following paragraph:

The salary of one disbursing clerk for the payment of pensions, to be selected and appointed by the secretary of the interior, at the rate of \$4,000 per annum, during the last five months of the fiscal year 1913, \$1,166.67; and from and after the thirty-first day of January, 1913, there shall be one disbursing clerk in the bureau of pensions, to be appointed as aforesaid, and who shall receive a salary at the rate of \$4,000 per annum; and section 4773 of the revised statutes of the United States authorizing the appointment of agents for the payment of pensions, and section 4780 of the revised statutes of the United States authorizing the establishment of agencies by the president of the United States are hereby repealed to take effect from and after the thirty-first day of January, 1913, and the existing pension agencies are abolished from and after said date. (Act approved Aug. 17, 1912.)

PUBLIC HEALTH SERVICE.

The public health and marine hospital service of the United States shall hereafter be known and designated as the public health service, and all laws pertaining to the public health and marine hospital service of the United States shall hereafter apply to the public health service. The public health service may study and investigate the diseases of man and conditions influencing the propagation and spread thereof, including sanitation and sewage and the pollution either directly or indirectly of the navigable streams and lakes of the United States, and it may from time to time issue information in the form of publications for the use of the public. (Approved Aug. 14, 1912.)

RADIO-COMMUNICATION.

The act requiring apparatus and operators for radio-communication on certain ocean steamers, approved June 24, 1910, is amended as follows:

After Oct. 1, 1912, it shall be unlawful for any steamer of the United States or of any foreign country navigating the ocean or the great lakes and licensed to carry, or carrying, fifty or more persons, including passengers or crew or both, to leave or attempt to leave any port of the United States unless such steamer shall be equipped with an efficient apparatus for radio-communication, in good working order, capable of transmitting and receiving messages over a distance of at least 100 miles, day or night. An auxiliary power supply, independent of the vessel's main electric power plant, must be provided which will enable the sending set for at least four hours to send messages over a distance of at least 100 miles, day or night, and efficient communication between the operator in the radio room and the bridge shall be maintained at all times.

The radio equipment must be in charge of two or more persons skilled in the use of such apparatus, one or the other of whom shall be on duty at all times while the vessel is being navigated. Such equipment, operators, the regulation of their watches and the transmission and receipt of messages, except as may be regulated by law or international agreement, shall be under the control of the master. In the case of a vessel of the United States; and every willful failure on the part of the master to enforce at sea the provisions of this paragraph as to equipment, operators, and watches shall subject him to a penalty of \$100.

The provisions of this section shall not apply to steamers plying between ports, or places, less than 200 miles apart.

This act, so far as it relates to the great lakes, shall take effect on and after April 1, 1913, and so

far as it relates to ocean cargo steamers shall take effect on and after July 1, 1913. (Approved July 23, 1912.)

RADIO REGULATIONS.

It is enacted that no person, company or corporation within the jurisdiction of the United States shall operate any apparatus for radio-communication as a means of commercial intercourse among the states, or with foreign nations, or upon any vessel of the United States engaged in interstate or foreign commerce, or for the transmission of radiograms beyond the state in which they are made, or where interference would be caused thereby with the receipt of messages or signals from beyond the state, except under a license granted by the secretary of commerce and labor. The act does not apply to the exchange of radiograms between points in the same state. Violation of this section shall be considered a misdemeanor, punishable by a fine of not more than \$500 and confiscation of apparatus. Licenses are to be issued upon specified conditions to citizens of the United States and Porto Rico and only licensed persons shall operate the apparatus coming within the provisions of the act. Special licenses may be issued to persons conducting special scientific tests.

The act regulates the length and kind of "waves" to be used at radio stations and provides that the distress call used shall be the international one, namely, (sos). All stations are required to give absolute priority to signals and radiograms relating to ships in distress. Violation of messages is provided for persons violating this requirement being subject to fine or imprisonment or both. The sending of a false signal of distress is punishable by a fine of not more than \$2,500 or imprisonment for not more than five years or both. (Approved Aug. 13, 1912.)

LIFE SAVING AT SEA.

The right to remuneration for assistance or salvage services shall not be affected by common ownership of the vessels rendering and receiving such assistance or salvage services. The master or person in charge of a vessel shall, so far as he can, do so without serious danger to his own vessel, crew or passengers, render assistance to every person who is found at sea in danger of being lost, and if he fails to do so he shall, upon conviction, be liable to a penalty of not exceeding \$1,000 or imprisonment for a term not exceeding two years or both. Salvors of human life, who have taken part in the services rendered on the occasion of the accident giving rise to salvage, are entitled to a fair share of the remuneration awarded to the salvors of the vessel, her cargo and accessories. (Approved Aug. 1, 1912.)

LIFEBOATS ON ARMY TRANSPORTS.

The sum of \$300,000, or so much thereof as may be necessary, is appropriated for the purpose of equipping all army transports with all lifeboats and rafts, including such number of steel self-righting, self-bailing motor lifeboats for each vessel, as the secretary of war may deem advisable, necessary to accommodate every person for whom transportation facilities are now provided on the transports, and the crew of; the sum to be expended under the direction of the secretary of war, who is directed to make to congress an itemized statement showing how the sum has been expended. (Approved June 14.)

MARITIME CONFERENCE.

Resolved, That the president be authorized to convey to maritime nations the desire of congress that an international maritime conference be held, and that he be also authorized to appoint commissioners to represent the United States at any such conference, whether called by the United States or any other nation, the purpose of said conference being to consider uniform laws and regulations for the greater security of life and property on merchant vessels at sea, including, if practicable, regulations to establish standards of efficiency of the officers and crews of merchant vessels and the

manning of such vessels; regulations for the construction and inspection of hulls, boilers and machinery; regulations for equipment of ocean steamers with radio apparatus, searchlights, submarine bells, lifeboats and other life saving and fire extinguishing appliances; regulations concerning lights, sound signals, steering and sailing rules; regulations for an international system of reporting and disseminating information relating to aids and perils to navigation; the establishment of lane routes to be followed by transatlantic steamers, and such other matters relating to the security of life and property at sea as may be proposed.

That, in case such international maritime conference shall be called by the United States or any other nation, the sum of \$10,000 is hereby appropriated for the expenses of the representatives of the United States at the conference. (Approved June 23.)

PRIZE FIGHT FILMS BARRED.

It shall be unlawful for any person to deposit or cause to be deposited in the United States mails for mailing or delivery, or to deposit or cause to be deposited with any express company or other common carrier for carriage, or to send or carry from one state or territory of the United States or the District of Columbia to any other state or territory of the United States or the District of Columbia, or to bring or cause to be brought into the United States from abroad, any film or other pictorial representation of any prize fight or encounter of pugilists, under whatever name, which is designed to be used or may be used for purposes of public exhibition. It shall be unlawful for any person to take or receive from the mails, or any express company or other common carrier, with intent to sell, distribute, circulate or exhibit any matter or thing herein forbidden to be deposited for mailing, delivery or carriage in interstate commerce. Any person violating any of the provisions of this act shall, for each offense, upon conviction thereof, be fined not more than \$1,000 or sentenced to imprisonment at hard labor for not more than one year, or both, at the discretion of the court. (Approved July 31, 1912.)

ALASKA TERRITORY ORGANIZED.

The territory ceded to the United States by Russia by the treaty of March 30, 1867, and known as Alaska, shall constitute the territory of Alaska. The capital shall be at the city of Juneau and the seat of government shall be maintained there. The legislative power of the territory shall be vested in a legislature, which shall consist of a senate and a house of representatives. The senate shall consist of eight members, two from each of the four judicial divisions into which Alaska is now divided by act of congress. The term of office shall be four years. The house shall consist of sixteen members, four from each judicial district. The term of a representative shall be two years. Each member of the legislature shall be paid by the United States the sum of \$15 per day for each day's attendance while the legislature is in session, and mileage, in addition, at the rate of 15 cents per mile from his home to the capital and return by nearest traveled route.

The legislature shall convene in Juneau on the first Monday in March, 1913, and on the first Monday in March every two years thereafter. The regular sessions are limited to sixty days and special sessions to fifteen days.

The delegate to congress is to be elected in the same manner as heretofore, except that the date is changed from August to the Tuesday following the first Monday in November, in 1914, and every second year thereafter.

An officer of the engineer corps of the United States army, a geologist in charge of Alaska surveys, an officer in the engineer corps of the United States navy and a civil engineer, who has had practical experience in railroad construction, are to be appointed by the president as a railroad commission to conduct an examination into the transportation question in Alaska and to make a report of the facts to congress with recommendations as to the best railroad routes. (Approved Aug. 24, 1912.)

PROTECTION OF FUR SEALS.

The act gives effect to the convention between the United States, Great Britain, Japan and Russia for the preservation and protection of the fur seals and sea otter which frequent the waters of the north Pacific ocean. It provides that no citizen of the United States shall kill, capture or pursue at any time any fur seal in the waters of the north Pacific ocean north of the 30th parallel of the north latitude and including the seas of Bering, Kamchatka, Okhotsk and Japan; nor shall any person or vessel kill, capture or pursue sea otter in any of the waters mentioned beyond the distance of three miles from the shore line of the territory of the United States. No citizen of the United States shall equip or furnish aid in equipping or furnish supplies to any vessel used in pelagic sealing or sea otter hunting in the waters named, and no vessel so used shall use any of the ports or harbors of the United States. These provisions do not apply to Indians, Aleuts or other aborigines on the American coasts of the waters named, who carry on pelagic sealing in canoes or undecked boats not used in connection with other vessels. The importation of skins of fur seals or sea otters from the waters mentioned, except such as have been taken under the authority of the respective parties to the convention, is forbidden. A guard or patrol is to be maintained in the waters frequented by the seal herd or herds and sea otter, in the protection of which the United States is especially interested. All killing of fur seals on the Pribilof islands, or anywhere within the jurisdiction of the United States in Alaska, shall be suspended for five years. (Approved Aug. 24, 1912.)

INCREASE OF THE NAVY.

For the purpose of further increasing the naval establishment of the United States the president is authorized to have constructed one first-class battle ship, carrying as heavy armor and as powerful armament as any vessel of its class, to have the highest practicable speed and greatest desirable radius of action and to cost, exclusive of armor and armament, not to exceed \$7,425,000.

Two fuel ships to cost, exclusive of armor and armament, not to exceed \$1,140,000 each, and which shall be built in navy yards, one to be built in a navy yard on the Pacific coast.

Six torpedo boat destroyers, to have the highest practicable speed, to cost, exclusive of armor and armament, not to exceed \$940,000 each.

One tender to destroyers, to cost, exclusive of armor and armament, not to exceed \$1,315,000.

Eight submarine torpedo boats in an amount not exceeding in the aggregate \$4,480,000, and the sum of \$1,600,000 is appropriated for said purpose, and the secretary of the navy is directed to consider the advisability of stationing four of the submarine torpedo boats at or near the mouth of the Mississippi river and the United States seaports of the Gulf of Mexico as a proper naval defense thereof and the other four upon the Pacific coast.

One submarine tender, to cost not to exceed \$1,000,000, and the sum of \$400,000 is appropriated toward said purpose. (Approved Aug. 22, 1912.)

COPYRIGHT AMENDMENT.

The copyright law is amended so as to include motion-picture photoplays and motion pictures other than photoplays. Copyright of a motion-picture photoplay may be had by the deposit with the claim of copyright of a title and description, with one print taken from each scene or act. Copyright of a motion picture other than a photoplay may be had by the deposit with the claim of copyright of a title and description, with not less than two prints taken from different sections of a complete motion picture. In the case of the infringement of an undramatized or nondramatic work by means of motion pictures, where the infringer shall show that he was not aware that he was infringing and that such infringement could not have been reasonably foreseen, the damages shall not exceed \$100; in the case of the infringement of a copyrighted dramatic or dramatico-musical work by a maker of motion pictures and his agencies for the distribution thereof to exhibitors, where such infringer

shows that he was not aware that he was infringing a copyrighted work, the entire sum of damages recoverable shall not exceed \$5,000, nor be less than \$250. (Approved Aug. 24, 1912.)

TAX ON POISONOUS MATCHES.

Every manufacturer of white phosphorus matches is required to register with the collector of internal revenue of the district his name or style, place of manufactory and the place where such business is to be carried on. He is to conduct his business under the surveillance of officers and agents of the commissioner of internal revenue and give such bond as may be required. All white phosphorus matches shall be packed in boxes or packages containing 100, 200, 500, 1,000 or 1,500 matches each, which shall then be placed in packages containing not less than 14,400 matches, and upon such matches there shall be levied and collected a tax at the rate of 2 cents per 100 matches, each package to be stamped in accordance with the amount of tax paid. Violations of the law are punishable by fines, or imprisonment, or both. The act applies only to the common poisonous white or yellow phosphorus used in the manufacture of matches and not to nonpoisonous forms or compounds of white or yellow phosphorus. (Approved April 9, 1912.)

NATIONAL RED CROSS IN TIME OF WAR.

Whenever in time of war, or when war is imminent, the president may deem the co-operation and use of the American National Red Cross with the sanitary services of the land and naval forces to be necessary, he is authorized to accept the assistance tendered by the said Red Cross and to employ the same under the sanitary services of the army and navy in conformity with such rules and regulations as he may prescribe.

Sec. 2. That when the Red Cross co-operation and assistance with the land and naval forces in time of war or threatened hostilities shall have been accepted by the president, the personnel entering upon the duty specified in section 1 of this act shall, while proceeding to their place of duty, while serving thereat and while returning therefrom, be transported and subsisted at the cost and charge of the United States as civilian employees employed with the said forces, and the Red Cross supplies that may be tendered as a gift and accepted for use in the sanitary service shall be transported at the cost and charge of the United States. (Approved April 24, 1912.)

LANDS FOR SPINELESS CACTI.

There shall be set aside for a period of five years such portions of the unappropriated, nonmineral, nonirrigable, nontimbered and unreserved public lands situated in California, New Mexico, Arizona and Nevada as Luther Burbank of Santa Rosa, Cal., may select, not to exceed twelve sections in all, and the right to enter the same and propagate the spineless cacti thereon, erecting all necessary improvements and clearing and filling the soil thereof, shall be granted the said Luther Burbank, his heirs and successors in interest.

The secretary of the interior is directed to issue patent to the said Luther Burbank, his heirs or successors in interest, for all or any legal subdivision of the said lands so set aside upon the payment of \$1.25 per acre, or \$2.50 per acre if the same be reserved sections within any railroad grant, as purchase price, provided said payment is made within the said five years: Provided, That no patent shall issue until the said Luther Burbank or his heirs or successors in interest shall have had at least 100,000 growing plants of spineless cacti of a character suitable for animal food upon said lands or some part thereof for the period of two years, and until it has been shown to the satisfaction of the secretary of the interior that the lands to be patented are suitable for the growth of spineless cacti valuable for domestic animal food. (Approved Aug. 24, 1912.)

ENLARGED HOMESTEAD.

Section 1 of the act entitled "An act to provide for an enlarged homestead," approved Feb. 19, 1909, is amended so as to read as follows:

"Section 1. That any person who is a qualified entryman under the homestead laws of the United States may enter, by legal subdivisions, under the provisions of this act, in the states of Arizona, Colorado, Montana, Nevada, New Mexico, North Dakota, Oregon, Utah, Washington, Wyoming and California, 320 acres, or less, of nonmineral, non-irrigable, unreserved and unappropriated surveyed public lands which do not contain merchantable timber, located in a reasonably compact body and not over one and one-half miles in extreme length: Provided, That no lands shall be subject to entry under the provisions of this act until such lands shall have been designated by the secretary of the interior as not being, in his opinion, susceptible of successful irrigation at a reasonable cost from any known source of water supply." (Approved June 14, 1912.)

RESIDENCE PERIOD REDUCED.

Sections 2291 and 2297 of the revised statutes are amended so as to reduce from five to three years the period of residence required on homestead lands before patents are issued. The act further permits entrymen and their families during that period to be absent from their homesteads five months in each year. (Approved June 7, 1912.)

DIRECT ELECTION OF SENATORS.

The senate (Bristow) amendment to the house joint resolution providing for the election of United States senators by popular vote was agreed to by the house May 13, 1912. The following is the resolution as it was finally adopted:

Resolved by the senate and house of representatives of the United States of America in congress assembled (two-thirds of each house concurring therein), That in lieu of the first paragraph of section 3 of article 1 of the constitution of the United States, and in lieu of so much of paragraph two of the same section as relates to the filling of vacancies, the following be proposed as an amendment to the constitution, which shall be valid to all intents and purposes as part of the constitution when ratified by the legislatures of three-fourths of the states:

"The senate of the United States shall be composed of two senators from each state, elected by the people thereof, for six years, and each senator shall have one vote. The electors in each state shall have the qualifications requisite for electors of the most numerous branch of the state legislature.

"When vacancies happen in the representation of any state in the senate the executive authority of such state shall issue writs of election to fill such vacancies: Provided, That the legislature of any state may empower the executive thereof to make temporary appointments until the people fill the vacancies by election, as the legislature may direct.

"This amendment shall not be so construed as to affect the election or term of any senator chosen before it becomes valid as part of the constitution."

(See The Daily News Almanac and Year-Book for 1912, page 73.)

MISBRANDING OF DRUGS.

Section 8 of the food and drugs act, approved June 30, 1906, defining what shall be misbranding in the case of drugs, is amended by adding a third paragraph, which reads as follows:

An article shall be deemed to be misbranded "if its package or label shall bear or contain any statement, design or device regarding the curative or therapeutic effect of such article or any of the ingredients or substances contained therein which is false and fraudulent." (Approved Aug. 23, 1912.)

BUTT-MILLET MEMORIAL.

By joint resolution the chief of engineers, United States army, is authorized and directed to grant permission for the erection on public grounds in the United States in the city of Washington, other than those of the capitol, the library of congress and the white house, of a joint memorial, of simple and artistic form, to Maj. Archibald W. Butt.

United States army, and Mr. Francis Davis Millet, vice-chairman of the commission of fine arts, officers of the United States who perished in the Titanic disaster: Provided, That the site chosen and the design of the memorial shall be approved by the president of the United States upon the advice of the commission of fine arts, and that the United States shall be put to no expense in or by the erection of the said memorial. (Approved Aug. 24, 1912.)

REBUILDING LEVEES.

The secretary of war is authorized and directed to rebuild, by contract or otherwise, in accordance with such plans, specifications and recommendations of the Mississippi river commission as may be approved by the chief of engineers, such portions of the levees on the Mississippi river and its tributaries as may have been or may hereafter be broken by the existing flood in said rivers, or so materially weakened as to necessitate rebuilding, and the sum of \$1,500,000 or so much thereof as may be necessary is appropriated for this purpose: Provided, That the secretary of war shall keep an account of the actual cost of all work done under the provisions of this resolution, and upon completion of the work he shall report the total cost thereof to the secretary of the treasury and the secretary of the treasury shall cause a sum equal to the cost so reported to be deducted from the appropriations that shall first hereafter be made for improving the Mississippi river from Head of Passes to the mouth of the Ohio river, and to be carried to the surplus fund and covered into the treasury. (Approved April 30, 1912.)

POSTAL EMPLOYEES AND UNIONS.

Following is part of section 6 of the postoffice appropriation bill, approved Aug. 24, 1912: Membership in any society, association, club or other form of organization of postal employees not affiliated with any outside organization imposing an obligation or duty upon them to engage in any strike, or proposing to assist them in any strike, against the United States, having for its objects, among other things, improvements in the condition of labor of its members, including hours of labor and compensation therefor and leave of absence, by any person or groups of persons in said postal service, or the presenting by any such person or groups of persons of any grievance or grievances to the congress or any member thereof shall not constitute or be cause for reduction in rank or compensation or removal of such person or groups of persons from said service. The right of persons employed in the civil service of the United States, either individually or collectively, to petition congress, or any member thereof, or to furnish information to either house of congress, or to any committee or member thereof, shall not be denied or interfered with.

GENERAL ARBITRATION TREATIES "RATIFIED."

The general arbitration treaties negotiated between the United States, Great Britain and France and signed Aug. 3, 1911, were ratified by the senate March 7, 1912, but with so many amendments as practically to negative them. Neither Great Britain nor France was asked to accept the amendments and no further action was taken by any of the powers interested. As amended the treaties, if they went into force, would exclude from arbitration questions connected with the admission of Japanese and other orientals and their attendance in state educational institutions and also questions affecting the territorial integrity of the United States, the indebtedness of the southern states, the application of the Monroe doctrine and other purely governmental policies. The clause binding the contracting parties to submit to a joint high commission composed of representatives of the two countries all disputes on which they could not agree as to their being arbitrable was eliminated by a vote of 42 to 40. This clause was strongly opposed by Theodore Roosevelt. (For full text of proposed treaties see The Daily News Almanac and Year-Book for 1912, page 477.)

VETOED BY PRESIDENT.

METAL TARIFF BILL.

The house passed a bill Jan. 29 revising schedule C of the tariff law, relating to metals and manufactures of metals. Among other things it placed all machine tools on the free list. The bill was passed by the senate May 30 and was vetoed by the president Aug. 14. In his veto message the president said in part:

"There is nothing to show me that the duties provided in the bill will equal the difference in the cost of production here and abroad in the great lines of industries, and that the wages of workmen will not be reduced by a measure which avowedly discards entirely the principle of fair protection. It should be noted that the labor employed in the secondary industries, which has had so little consideration in this bill, is in a large measure high grade, skilled labor, commanding a high level of wages. * * * There is little logical relation between the reductions made by this bill in the schedule. For example, steam engines and machine tools in the present law are dutiable at 30 per cent. In this revision steam engines are reduced to 15 per cent and the whole machine tool industry is put on the free list, without any reason whatever being given in the report of the ways and means committee in either case for such action.

"It is further difficult to understand by what process of reasoning it is possible to justify a transfer to the free list of a great line of finished articles, while nearly every one of the crude products from which they are made is retained on the dutiable list. A bill for a complete revision of this schedule was presented to me a year ago in the extra session of this congress. Many increases and decreases of rates are now made from those named in the former measure. The changes are not explained and indicate the hasty method pursued in the preparation of both. Is it not fair to ask, either on the basis of protection or revenue, which was right?

"On the whole, therefore, I am not willing to approve of legislation of this kind, which vitally affects not only millions of workmen and the families dependent on them, but hundreds of millions of dollars' worth of stocks of goods in the hands of storekeepers and distributors generally, without first providing for a careful and disinterested inquiry into the conditions of the whole industry.

"From the outset of my administration I have urged a revision of the tariff based on a nonpartisan study of the facts. I have provided the means for securing such information in the appointment of a tariff board. Their thorough work, already completed on several schedules, has justified my confidence in this method. The principle is indorsed by chambers of commerce and boards of trade in almost every city of importance in the country. The proposed bill has not been framed on the basis of any such study of the industry."

The house immediately passed the bill over the president's veto by a vote of 174 yeas to 83 nays, 134 not voting. The senate, however, by a vote of 39 yeas to 32 nays refused to override the veto and the bill failed.

WOOL TARIFF BILL.

The house April 1 passed a bill to reduce the duties on wool and manufactures of wool. It was practically the same bill as that disapproved by the president in August, 1911. It was passed by the senate July 25 and vetoed by the president Aug. 9. In his veto message the president said in part:

"On Dec. 30, 1911, I sent a message to the congress recommending a prompt revision of the tariff on wool and woolsens. I urged a reduction of duties which should remove all the excesses and inequalities of the schedule, but should leave a degree of protection adequate to maintain the continued employment of machinery and labor already established in that great industry. With that message I transmitted a report of the tariff board, which furnished for the first time the information needed to frame a revision bill of this character, and recommended that legislation should be at once undertaken in the light of this information. De-

spite the efforts which have been made to discredit the work of the tariff board, their report on this schedule has been accepted, with scarcely a dissenting voice, by all those familiar with the problems discussed, including active representatives of organizations formed in the interest of the public and the consumer. Importers and merchants, as well as producers and manufacturers, have testified to the accuracy and impartiality of the findings of fact. My position has been made perfectly plain. I shall stand by my pledges to maintain a degree of protection necessary to offset the difference in cost of production here and abroad and will heartily approve of any bill reducing duties to this level. Bills have been introduced into congress, carefully framed and based on the findings of the tariff board, which, while maintaining the principle of protection, have provided for sweeping reductions. Such a bill was presented by the minority members of the ways and means committee, which, while providing protection to the wool grower, reduces the duty on most wools 20 per cent, and the duties on manufactures by from 20 to more than 50 per cent, and gives in many instances less net protection to the manufacturer than was granted by the Gorman-Wilson free wool act of 1894.

"Instead of such a measure of thorough and genuine revision, based on full information of the facts, and with rates properly adjusted to all the different stages of the industry, there is now presented for my approval H. R. 22195, 'An act to reduce the duties on wool and the manufactures of wool,' a bill identical with the one which I vetoed in August, 1911, before the report of the tariff board had been made. The tariff board's report fully and completely justifies my veto of that date. The amount of ad valorem duty necessary to offset the difference in the cost of production of raw wool here and abroad varies with every grade of wool. Consequently an ad valorem rate of duty adjusted to meet the difference in the cost of production of high priced wools is not protective to low priced wools. In any case the report of the tariff board shows that the ad valorem duty of 29 per cent on raw wool, imposed in the bill now submitted to me, is inadequate to meet this difference in cost in the case of four-fifths of our total wool clip.

"The disastrous effect upon the business of our farmers engaged in wool raising cannot be more clearly stated. To maintain the status quo in the wool growing industry, the minimum ad valorem rate necessary, even for high grade wool in years of high prices, would be 35 per cent.

"The rate provided in this bill on cloths of all kinds is 49 per cent. The amount of net protection given by this rate, in addition to proper compensation for the duty on wool, depends on the ratio between the cost of the raw material and the cost of making the cloth. The cost of the raw material in woolen and worsted fabric varies in general from 50 per cent to 70 per cent of the total value of the fabric. Consequently the net protective duty, with wool at 29 per cent, would vary from 23.7 per cent to 34.5 per cent. In the great majority of cases these rates are inadequate to equalize the difference in the cost of manufacture here and abroad. This is especially true of the finest goods involving a high proportion of labor cost. One of the striking developments of the last few years has been the growth in this country of a fine goods industry. The rates provided in this bill, inadequate as they are for most of the cloths produced in this country, would make the continuance here of the manufacture of fine goods an impossibility.

"Even more dangerous in their effects are the rates proposed on tops and yarns. Tops are the result of the first stage in the making of raw wool into cloth. Yarn is the result of the second stage. Taken in connection with a rate of 29 per cent on wool and 49 per cent on cloths, the rates of 32 per cent on tops and 35 per cent on yarn, fixed in this bill, seem impossible of justification. They would disrupt, and to no purpose, the existing adjustment within the industry of all its different branches. It is improbable in the highest degree that raw wool would be imported in great quantities when the cloth maker can import his tops at a duty of

32 per cent and yarns at a duty of 35 per cent. The report of the tariff board shows the difference in relative costs to be uniformly greater than the amount of protection on yarns given by this bill. In a year of low prices the net protection granted by the proposed rates would not be more than half the difference in costs. The free wool act of 1894 gave a protective rate of 40 per cent on all yarns over 40 cents a pound in value, with free raw material. The present bill gives only 35 per cent on such yarns, with a duty of 29 per cent on the raw material. The great increase in the imports of tops and yarns which would result from the rates in the bill now submitted to me would destroy the effect of the protection to raw wool and at the same time would be at the cost of widespread disaster to the wool combing and spinning branches of the industry. The last fifteen years has witnessed a great growth of top making and worsted spinning in this country, and the capacity of the plants is now equal to domestic requirements. Under the rates proposed such plants could be continued, if at all, only by writing off most of the investment as a net loss and by a reduction of wages. To sum up, then, most of the rates in the submitted bill are so low in themselves that if enacted into law the inevitable result would be the irretrievable injury to the wool growing industry, the enforced idleness of much of our wool combing and spinning machinery and of thousands of looms and the consequent throwing out of employment of thousands of workmen. In view of these facts, in view of the platform upon which I was elected, in view of my promise to follow and maintain the protective policy, no course is open to me but to withhold my approval from this bill."

The bill was passed by the house over the veto Aug. 13 by a vote of yeas, 174; nays, 80; 136 not voting. The senate, Aug. 16, refused to pass the bill over the veto, 39 voting yeas, 36 nays and 19 not voting. Less than two-thirds of those voting having voted in the affirmative, the bill failed.

TERMS OF CIVIL SERVICE EMPLOYEES.

The bill making appropriations for legislative, executive and judicial expenses of the government passed by the house May 19 and by the senate June 14 contained a section (5) providing that every appointment in the classified service after Sept. 1, 1913, shall be for a term of seven years after the probationary period of six months has expired, and that at the expiration of each such appointment the employment of each person so appointed shall cease and determine; and that the employment of all persons appointed prior to Sept. 1, 1912, in the classified service at annual rates of compensation shall cease and determine within one year after Aug. 31, 1913, the date of termination during that year to be determined by the head of the appropriate department according to previous length of service.

In his veto message the president said he objected to the section because he believed it would prove ineffective in eliminating inefficient employees and also for the following reason: "It impairs that feature of the civil service which I regard as a most valuable one, to wit: The permanence of tenure on the one hand, balanced by a wide and almost absolute power of removal in the department head on the other. If at the end of each seven years it becomes necessary for one who has spent the best years of his life in the public service to ascertain whether he is to continue, it is certain that he will bring pressure to bear in every direction upon the appointing power to continue him in office. I am perfectly aware that the motive for not reappointing him will be much reduced by the fact that his successor must be appointed from the eligibles of the civil service commission, but the play which this will give for prejudice and arbitrary action in the appointing power will constitute a serious injury to the present tenure of office."

COMMERCE COURT.

The legislative, executive and judicial appropriation bill also contained a provision repealing the statute creating a Commerce court for the purpose of passing on appeals from the decisions of the interstate commerce commission. In his veto mes-

sage the president took exceptions to this provision and gave it as an additional reason for disapproving the measure. He said in part:

"It appears from the decisions of the Supreme court of the United States that the Commerce court in several cases has amplified its jurisdiction beyond that which a proper construction of the statute justified. It also appears that in a number of cases the decisions were against the shippers and for the railroads when the Supreme court decided that they ought to have been the other way. On the other hand it appears that in a number of other cases the decisions of the Commerce court were in favor of the shippers and in favor of giving relief to the shippers, against the railroad companies, but that the Supreme court has since denied the existence of such jurisdiction under the statute. A series of decisions of the Supreme court has satisfactorily established the limits of the jurisdiction of the new court, and there is no reason to believe that those limits thus established will in future be exceeded. There is every reason to believe that the dispatch of business already promoted by the court will continue. And now the question is, why should the court be abolished? Because it has made some mistakes that the Supreme court has rectified? Lower courts, especially when exercising new jurisdiction, are likely to make errors to be corrected by the Supreme court. The presiding judge of the Commerce court was the chairman of the interstate commerce commission for a great many years. Three of the Commerce court judges before their appointment to the Commerce court had been United States district judges of long experience and one had been a state judge of standing and experience. The personnel of the court is to change from year to year by the assignment of one of the Commerce court judges to a Circuit Court of Appeals and the designation of another Circuit judge to fill the vacancy thus made.

"I have read the arguments upon which this proposed legislation is urged and I cannot find in them a single reason why the court should be abolished except that those who propose to abolish it object to certain of its decisions. Some of those decisions have been questioned and others have been disapproved and modified by the Supreme court. It is utterly opposed to the abolition of a court because its decisions may not always meet the approval of a majority of the legislature. It is introducing a recall of the judiciary, which, in its way, is quite as objectionable as the ordinary popular method proposed. Next to impartial and just judgment the great desideratum in judicial reforms to-day is the promotion of the dispatch of business and the prompt decision of cases. The establishment of the Commerce court has brought this about in a substantial way by reducing the average delay from two years to six months, and I doubt not that as time goes on and the procedure becomes better understood this period of six months will be further reduced. It is greatly in the interest of the shippers and therefore of the public that this means of reducing the time of effective remedial litigation against railroads should be preserved."

The house refused to pass the bill over the veto, but Aug. 17 it passed a new bill of substantially the same character. This was passed by the senate Aug. 19 and was finally adopted by both houses with the civil service tenure clause eliminated, but still containing the provision abolishing the Commerce court. The president therefore again vetoed the measure, which was then passed by both houses (Aug. 21 and 22) with the Commerce court provision omitted, and the bill was approved Aug. 23.

ARMY LEGISLATION.

The army appropriation bill, passed by the house Feb. 15 and by the senate April 24, was vetoed by the president June 17, chiefly because of a clause providing that after March 5, 1913, no officer should be permitted to serve as chief of staff unless he should also have served at least ten years as a commissioned officer of the line in the army in grades below that of brigadier-general. This would have rendered ineligible after that date for service in the most important position in the army the present chief of staff, Maj. Gen. Leonard Wood, and many other of the most efficient officers of

the army. There were other grave objections to the legislative portion of the bill which, if enacted into law, would, in the opinion of the president, seriously disorganize the work of the bureau of insular affairs and of the Panama canal commis-

sion. The executive condemned the practice of attaching important new legislation to appropriation bills.

An amended bill was passed by the house July 2, by the senate Aug. 1, and was approved Aug. 24.

APPROPRIATIONS BY 62D CONGRESS—SECOND SESSION.

TITLE OF ACT.	Reported to house.	Passed house.	Reported to senate.	Passed senate.	Law 1912-13.	Law 1911-12.
Agriculture.....	\$15,836,976.00	\$15,933,366.00	\$17,656,976.00	\$18,111,976.00	\$16,651,496.00	\$16,900,016.00
Army.....	89,127,257.15	89,127,257.15	95,392,690.98	96,478,890.98	90,483,405.16	96,574,755.97
Diplomatic and consular.....	3,427,491.41	3,413,791.41	3,788,347.11	3,700,847.41	3,693,047.41	3,683,516.41
District of Columbia.....	10,302,208.00	10,300,888.00	12,068,014.50	11,864,524.50	10,675,835.50	12,066,786.50
Fortification.....	4,036,235.00	4,036,235.00	4,186,235.00	4,186,235.00	4,036,235.00	5,473,707.00
Indian.....	7,475,255.00	7,516,255.00	12,456,197.99	14,600,294.06	9,854,184.46	8,842,136.37
Legislative.....	34,229,613.38	34,229,613.38	34,229,613.38	34,229,613.38	34,229,613.38	35,378,149.85
Military academy.....	1,034,860.26	1,034,860.26	1,064,698.26	1,064,698.26	1,064,698.26	1,163,424.07
Navy.....	118,809,357.76	118,551,457.76	133,609,674.28	133,600,174.48	123,220,707.48	126,478,338.24
Pension.....	152,579,000.00	152,579,000.00	165,186,750.00	165,187,750.00	165,146,145.84	153,682,000.00
Postoffice.....	262,200,339.60	263,073,749.60	273,150,830.00	273,642,326.00	271,429,590.00	259,134,465.00
River and harbor.....	24,062,520.50	24,062,520.50	31,853,530.50	31,883,530.50	31,059,370.50	23,855,342.00
Sundry civil.....	109,577,414.40	109,567,974.40	115,021,989.70	116,322,730.20	112,039,184.40	142,265,044.14
Total.....	832,698,167.89	833,431,317.89	899,654,447.70	903,953,033.77	873,528,498.39	882,502,679.55
Urgent deficiency 1912 and prior yrs.....	2,364,756.46	2,364,756.46	2,922,756.46	3,186,627.46	2,457,756.46	9,740,971.24
Deficiency 1911 and prior years.....	6,182,838.24	6,185,238.24	11,513,871.26	11,700,845.75	7,243,474.69	
Total.....	841,245,762.59	841,981,312.59	914,091,075.42	918,840,506.98	883,229,719.54	892,333,650.79
Miscellaneous.....					3,200,000.00	4,773,306.81
Total, regular.....					886,429,719.54	897,106,957.60
Permanent annual.....					133,206,424.12	129,575,924.12
Grand total.....					1,019,636,143.66	1,026,682,881.72

TOTALS FOR PREVIOUS SIX CONGRESSES.

Congress.	Years.	Amount.	Congress.	Years.	Amount.	Congress.	Years.	Amount.
56th.....	1901-1902	\$1,440,438.87	58th.....	1905-1906	\$1,600,053,544.80	60th.....	1909-1910	\$2,052,411,841.79
57th.....	1903-1904	1,553,683,002.57	59th.....	1907-1908	1,799,537,864.70	61st.....	1911-1912	2,053,391,290.72

GOVERNMENT RECEIPTS AND DISBURSEMENTS BY FISCAL YEARS.

	1912.	1911.	1910.	1909.	1908.	1907.
1. Ordinary receipts.....	\$693,848,069.26	\$701,372,374.99	\$675,511,715.02	\$693,589,489.84	\$601,090,723.27	\$663,125,659.92
Ordinary disbursements.....	666,623,597.46	654,137,997.89	669,706,391.08	662,324,444.77	621,102,390.64	551,705,129.04
Excess of receipts (+) or disbursements (-).....	+ 37,224,501.80	+ 47,234,377.10	+ 15,806,323.94	+ 58,734,954.93	+ 20,041,667.87	+ 11,020,530.88
2. Panama canal receipts.....	33,189,104.15	31,102,170.04	30,731,003.21	30,731,003.21	25,367,768.67	31,210,817.95
Panama canal disbursements.....	35,327,370.66	37,063,515.33	33,911,673.37	31,419,442.41	38,093,929.04	27,198,613.71
Excess of receipts (+) or disbursements (-).....	- 2,138,266.51	- 18,961,345.29	- 33,911,673.37	- 688,434.20	- 12,726,160.37	+ 4,012,199.24
3. Public debt receipts.....	20,537,645.00	40,232,555.00	31,674,292.50	45,624,239.50	79,769,636.50	31,991,754.00
Public debt disbursements.....	28,648,327.53	35,223,536.35	33,049,695.50	104,996,170.00	75,891,306.50	56,052,933.47
Excess of receipts (+) or disbursements (-).....	- 8,110,682.53	+ 5,009,018.65	- 1,375,403.00	- 59,371,930.50	- 5,877,730.00	- 24,060,639.47
Excess of all receipts (+) or all disbursements (-).....	+ 26,975,552.56	+ 33,282,250.46	- 19,480,752.43	- 118,795,919.63	- 26,890,097.74	- 91,372,060.65
Balance in general fund at close of year.....	167,152,478.99	140,176,926.18	106,894,675.67	126,375,423.10	245,171,347.73	272,061,445.47

THE CAPITOL IN WASHINGTON.

The corner stone of the original capitol building was laid by President Washington Sept. 18, 1793. The north wing was finished in 1810 and the south wing in 1811, a wooden passageway connecting them. The original designs of the structure were made by Dr. William Thornton. The two wings were burned by the British in 1814, but were immediately restored. In 1827 the original building

was completed at a cost of \$2,433,844.13. Extensions of the wings were begun in 1851 and completed in 1859. The dome, which is 287 feet 5 inches in height, was completed in 1865. The capitol stands in latitude 38 degrees 53 minutes 20.4 seconds north and longitude 77 degrees 00 minutes 35.7 seconds west from Greenwich. The area covered by the building is 153,112 square feet.

LIBRARY OF CONGRESS.

The library of congress was established in 1800 in the city of Washington, D. C. It was burned in 1814, and in 1851 lost 35,000 volumes by fire. The present library building, which cost \$6,347,000, was opened to the public in November, 1897. It is located a short distance east of the capitol and is the largest and finest building of its kind in the world.

June 30, 1911, the library contained 1,811,729 books and pamphlets, 123,568 maps, 557,010 pieces of music and 336,966 photographs, prints, engravings and lithographs. The copyright office is a distinct division of the library with its own force of employees. The total number of employees in the library is 486 and the annual cost of maintenance is now about \$625,000.

WEATHER FORECASTS AND SIGNALS.

The operations of the weather bureau of the department of agriculture are based on observations of the weather taken at about 200 observatories throughout the United States at the same moment of time and telegraphed daily to Washington, D. C., and to other important cities. These observations, comprising barometric pressure, temperature, precipitation, winds and clouds, are entered upon outline charts of the United States by means of symbols, forming the "daily weather map," from which the forecasts are made. These forecasts are issued every day for every state in the union, and whenever necessary special warnings are sent out of storms, frosts, cold waves, heavy

It is estimated that the total number of persons in the United States to whom the weather forecasts are available is more than 4,000,000.

When No. 4 is placed above No. 1, 2 or 3 it indicates warmer; when below, colder; when not displayed, the temperature is expected to remain about stationary. During the late spring and early fall the cold-wave flag is used to indicate anticipated frosts.

A red flag with a black center indicates that a storm of marked violence is expected. The pennants displayed with the flags indicate the direction of the wind: Red, easterly (from northeast to south); white, westerly (from southwest to

No. 1.
White flag.

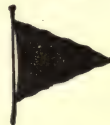
Clear or fair weather.

No. 2.
Blue flag.

Rain or snow.

No. 3.
White and blue flag.

Local rain or snow.

No. 4.
Black triangular flag.

Temperature.

No. 5.
White flag with black square in center.

Cold wave.

EXPLANATION OF WEATHER FLAGS.



Northwest winds.



Southwest winds.



Northeast winds.



Southeast winds.



"Hurricane" signal.

EXPLANATION OF STORM-WARNING FLAGS.

snows and floods. In addition to the main office in Washington, there are subordinate forecast centers in Chicago, New Orleans, Denver, San Francisco and Portland, Ore. Weather forecasts for a week in advance are now sent out from Washington and published each Monday.

The forecasts are first telegraphed to about 2,300 principal distributing points, whence they are further disseminated by telegraph, telephone and through the mail by means of forecast cards, rural free delivery slips and newspapers.

north). The pennant above the flag indicates that the wind is expected to blow from the northerly quadrants; below, from southerly quadrants.

By night a red light indicates easterly winds and a white light above a red light westerly winds.

Two red flags, with black centers, displayed one above the other, indicate the expected approach of tropical hurricanes, and also of those extremely severe and dangerous storms which occasionally move across the lakes and northern Atlantic coast. Hurricane warnings are not displayed at night.

WIND-BAROMETER TABLE FOR THE GREAT LAKES.

[Prepared by United States weather bureau.]

HEIGHT OF BAROMETER (LAKE LEVEL).	Direction of wind.	Character of weather and wind indicated.
29.40 to 29.60, and steady.....	West.....	Fair, slight changes in temperature, gentle to fresh winds.
29.40 to 29.60, rising.....	West.....	Fair, cooler, fresh west to northwest winds.
29.40 to 29.60, falling.....	South.....	Warmer, increasing southerly winds.
29.60, or above, falling rapidly.....	East to south.....	Warmer, rain or snow within 36 hours, increasing east to southeast winds.
29.60, or above, rising rapidly.....	West to north.....	Cool and clear, quickly followed by warmer, variable winds.
29.60, or above, steady.....	Variable.....	No immediate change, but winds will go to south inside of 36 hours.
29.40, or below, falling slowly.....	South to east.....	Rain or snow, increasing easterly winds.
29.40, or below, falling rapidly.....	South to east.....	Rain or snow, high easterly winds, followed within 48 hours by clearing, cooler, west to northwest winds.
29.40, or below, rising slowly.....	South to west.....	Clearing, colder, fresh to brisk west to northwest winds.
29.20, or below, falling rapidly.....	South to east.....	Severe storm of wind and rain, and wind shifting to northwest within 36 hours.
29.20, or below, falling rapidly.....	East to north.....	Severe northeaster, with heavy rain or snow, and winds backing to northwest.
29.20, or below, rising rapidly.....	Going to west.....	Clearing and cooler, probably cold wave in winter.

NORMAL TEMPERATURE AND PRECIPITATION.

[Data furnished by weather bureau.]

TEMPERATURE IN DEGREES FAHRENHEIT.

State.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual.
Maine	18.2	20.0	29.3	41.5	53.2	62.3	67.4	65.4	58.3	47.7	36.2	23.1	43.6
New Hampshire	19.5	21.3	29.5	42.9	55.1	64.4	68.8	66.3	58.7	47.4	35.7	24.6	44.5
Vermont	16.5	18.1	27.1	41.7	54.1	64.1	67.9	65.0	57.5	46.4	35.9	22.3	43.0
Massachusetts	25.3	29.9	33.5	45.5	56.7	65.6	70.6	68.5	60.6	50.6	40.0	30.1	47.8
Rhode Island	28.8	29.4	35.1	45.0	55.4	64.7	70.1	69.3	63.2	52.6	42.7	33.4	49.1
Connecticut	25.6	26.2	34.1	45.9	57.1	66.3	70.6	68.9	62.0	51.1	39.7	29.8	48.1
New York	21.4	20.4	31.1	43.6	56.0	64.7	69.1	66.6	60.7	49.0	36.8	25.8	45.4
New Jersey	29.9	30.0	38.0	49.1	60.4	69.3	73.9	71.9	65.8	54.2	43.1	32.9	51.5
Pennsylvania	27.4	26.6	37.2	48.0	59.6	67.9	72.1	69.9	63.8	51.8	40.4	30.6	49.6
Delaware	34.8	33.8	43.6	52.6	63.2	71.7	76.5	74.6	68.2	57.0	45.4	36.8	54.8
Maryland	31.9	31.1	41.8	51.4	62.5	68.3	72.6	70.7	65.0	53.3	42.6	33.2	52.0
Virginia	35.6	45.7	45.3	53.3	64.3	70.8	75.1	74.2	67.8	56.3	45.5	37.2	55.9
West Virginia	32.4	31.4	43.1	50.6	62.3	69.3	73.3	72.0	66.4	54.6	42.9	33.9	52.7
North Carolina	40.4	41.2	50.3	57.3	67.3	73.7	77.0	75.8	70.8	59.4	49.6	41.5	58.7
South Carolina	45.2	46.7	55.5	61.7	71.5	77.9	79.9	79.2	74.1	63.0	54.1	46.1	62.6
Georgia	46.2	47.4	57.2	63.1	71.1	78.9	80.2	79.4	74.9	64.0	54.4	47.2	63.7
Florida	58.9	59.2	67.5	75.5	83.7	86.1	81.4	81.3	79.0	72.5	64.3	55.6	70.3
Ohio	28.0	26.7	39.0	49.3	60.9	69.1	73.5	71.4	65.8	53.0	40.7	31.0	50.7
Indiana	28.5	28.1	41.1	51.5	62.1	71.0	75.3	73.0	66.8	46.6	41.7	31.0	51.3
Illinois	27.1	27.1	40.4	51.7	62.4	71.2	75.5	73.9	67.0	54.5	41.1	29.7	51.8
Michigan	20.2	18.0	29.0	50.9	53.7	63.7	68.4	66.4	60.2	48.5	35.4	24.8	44.9
Wisconsin	15.3	15.5	28.4	43.8	54.9	64.7	69.0	67.4	60.2	47.9	33.1	20.3	43.4
Minnesota	9.0	10.2	25.1	42.5	54.6	64.2	68.6	66.6	58.1	45.6	29.0	15.0	40.7
Iowa	19.3	19.2	34.0	48.5	60.1	68.8	73.4	71.8	63.7	51.9	35.9	23.8	47.5
Missouri	30.5	30.5	43.5	55.0	64.7	67.8	76.9	76.1	69.0	57.1	44.3	33.2	54.0
North Dakota	6.9	7.0	21.0	41.4	53.2	62.0	67.3	65.5	57.3	43.4	26.5	13.3	38.7
South Dakota	16.3	16.7	29.2	45.5	56.6	66.0	71.9	70.3	61.2	48.8	32.4	21.5	44.7
Nebraska	23.7	23.8	36.4	49.3	58.9	68.6	73.8	72.7	64.0	51.5	36.8	26.9	48.9
Kansas	30.0	29.9	42.8	54.8	64.2	73.1	77.3	77.1	68.9	57.2	46.0	32.7	54.5
Kentucky	35.3	35.1	46.2	56.0	65.7	74.1	78.3	75.7	70.5	57.9	45.8	37.9	57.1
Tennessee	36.7	39.4	49.2	58.2	67.7	76.6	77.6	76.3	70.7	59.4	48.0	39.6	57.8
Alabama	45.3	46.7	56.9	63.0	71.3	73.2	80.1	79.7	75.0	63.7	54.4	46.5	63.0
Mississippi	46.3	47.5	57.7	64.3	72.3	73.2	81.0	80.4	75.4	64.3	55.1	47.8	68.8
Louisiana	51.0	52.2	61.1	66.9	73.8	76.6	81.6	81.5	77.4	67.3	58.8	51.8	66.7
Texas	48.4	49.9	59.8	66.6	73.3	80.2	82.5	82.4	77.1	67.4	56.9	49.5	66.2
Oklahoma	38.5	38.1	51.3	60.0	67.7	76.0	80.3	80.9	73.3	61.0	50.1	39.7	59.8
Arkansas	40.5	41.2	52.3	61.2	69.7	76.5	80.1	79.6	73.3	62.2	51.0	42.5	59.9
Montana	22.1	20.3	30.2	42.6	51.9	59.0	65.9	63.9	55.4	45.5	31.7	24.4	43.6
Wyoming	18.3	20.1	30.2	40.2	47.7	55.9	62.0	61.7	53.2	42.3	30.2	21.4	40.3
Colorado	23.1	25.8	33.7	43.2	50.7	60.6	65.5	64.3	56.7	45.5	34.4	24.4	44.0
New Mexico	34.5	36.2	44.7	51.9	62.8	69.3	72.6	70.4	63.9	53.5	43.0	33.9	53.1
Arizona	45.0	48.4	54.5	61.7	69.8	78.8	83.5	81.6	74.9	64.0	53.1	45.4	63.4
Utah	26.0	26.6	38.6	47.0	55.1	64.9	72.0	70.0	60.3	48.3	37.9	28.1	42.9
Nevada	22.9	32.9	38.8	48.0	63.3	63.9	70.9	70.0	60.8	49.3	39.4	30.6	49.6
Idaho	25.2	27.7	35.9	45.0	53.9	64.0	68.3	67.0	57.3	48.3	36.4	26.9	45.9
Washington	29.5	34.3	41.1	49.3	55.6	61.2	66.8	65.6	57.7	50.2	39.9	35.1	48.8
Oregon	35.2	29.6	42.5	48.9	53.9	59.4	65.9	65.4	55.3	51.4	43.0	37.2	49.0
California	44.7	47.5	51.2	56.2	62.3	69.2	75.6	72.5	68.0	60.0	52.5	46.2	58.8
United States	31.9	32.9	42.8	52.6	61.6	68.5	73.8	72.5	65.5	54.7	43.3	34.3	52.9

PRECIPITATION IN INCHES.

State.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual.
Maine	3.88	4.07	4.32	2.69	3.58	3.21	3.59	3.13	3.41	3.52	4.33	3.50	43.23
New Hampshire	3.21	3.52	3.44	2.32	3.19	3.28	3.76	3.79	3.51	3.37	3.80	2.82	40.01
Vermont	2.86	2.89	3.04	2.15	3.17	3.34	4.15	4.03	3.14	2.73	3.60	2.67	37.67
Massachusetts	3.86	3.74	4.00	3.01	3.55	2.99	3.78	3.99	3.32	3.87	4.17	3.40	43.68
Rhode Island	4.44	4.31	4.57	3.64	3.98	2.65	3.38	3.87	3.37	4.44	4.28	3.56	46.49
Connecticut	4.03	4.08	4.36	3.25	4.05	3.18	4.66	4.39	3.69	4.00	4.22	3.73	47.54
New York	2.84	2.94	2.17	2.52	3.56	4.01	4.30	3.90	3.32	4.49	2.77	3.13	39.55
New Jersey	3.74	3.84	4.01	3.56	3.85	3.76	4.83	4.65	3.84	5.53	3.50	3.77	46.88
Pennsylvania	3.06	3.00	3.73	3.27	4.18	4.21	4.25	4.08	3.34	3.06	2.75	3.41	42.34
Delaware	3.08	3.92	3.93	3.49	3.90	3.64	4.70	4.18	3.63	3.40	2.96	3.59	44.42
Maryland	3.04	3.46	3.75	3.16	3.74	4.09	4.49	4.19	3.42	3.01	2.68	3.39	42.42
Virginia	3.10	3.48	4.09	3.28	4.05	4.61	4.60	4.72	3.38	3.11	2.68	3.25	44.35
West Virginia	3.56	3.21	4.10	3.34	4.22	4.78	4.70	3.63	2.64	2.42	2.73	3.18	42.51
North Carolina	3.78	4.73	4.67	3.55	4.34	4.71	6.15	6.65	3.80	3.40	2.93	4.06	52.83
South Carolina	3.38	4.76	3.86	3.34	3.70	5.26	5.74	6.31	2.82	3.17	2.40	3.64	49.38
Georgia	3.85	5.29	4.94	3.54	3.49	4.54	5.46	5.65	3.74	2.68	2.69	5.38	51.25
Florida	2.90	3.49	3.15	2.47	3.75	6.92	7.02	7.40	7.40	3.89	2.13	2.90	53.42
Ohio	2.83	2.62	3.52	2.89	3.63	3.90	4.14	3.06	2.57	2.15	2.70	2.80	36.81
Indiana	2.89	2.93	3.89	3.35	4.05	3.93	3.40	3.41	2.96	2.33	3.16	2.79	39.09
Illinois	2.39	2.34	3.16	3.28	4.20	3.86	3.83	3.12	3.43	2.34	2.64	2.26	36.83
Michigan	2.08	1.84	2.12	2.06	3.14	3.11	3.23	2.79	3.00	2.71	2.55	2.19	30.82
Wisconsin	1.28	1.17	2.04	2.20	3.89	4.02	4.06	3.12	3.22	2.56	1.70	1.46	30.72
Minnesota	0.72	0.97	1.42	2.27	3.60	4.25	3.61	3.27	1.85	2.29	1.21	0.89	25.35
Iowa	1.05	1.06	1.92	2.83	4.50	4.52	4.44	3.77	3.41	2.35	1.39	1.19	32.43
Missouri	2.23	2.33	3.20	3.87	4.93	4.66	4.13	3.30	3.59	2.39	2.51	2.13	39.27
North Dakota	0.48	0.37	0.90	1.31	2.36	3.70	2.78	2.39	1.46	1.04	0.51	0.45	17.75
South Dakota	0.53	0.62	1.50	2.26	3.53	3.73	2.60	2.43	1.84	1.53	0.78	0.70	22.11
Nebraska	0.49	0.72	0.97	2.23	3.64	3.89	3.64	2.73	2.16	1.57	0.71	0.62	23.47
Kansas	0.74	1.05	1.53	2.66	4.25	4.57	3.96	3.26	3.12	2.14	1.15	0.85	29.28
Kentucky	4.01	3.57	5.01	3.65	3.94	4.24	4.15	3.44	2.68	2.09	3.82	3.74	44.24

State.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual.
Tennessee	4.37	4.49	5.87	4.36	4.05	4.28	4.69	4.01	3.11	2.40	3.86	4.27	49.76
Alabama	4.32	5.67	6.18	4.32	3.66	4.34	4.74	4.48	2.88	2.52	3.02	4.72	50.85
Mississippi	4.68	5.57	5.91	4.80	4.35	4.38	5.51	4.16	3.30	2.36	3.30	4.95	53.27
Louisiana	4.37	4.90	4.66	4.65	4.19	5.27	6.07	4.93	4.06	2.71	3.89	4.75	54.45
Texas	1.89	1.89	2.02	2.79	3.85	3.27	3.12	2.37	2.76	2.62	2.37	1.87	30.82
Oklahoma	1.24	1.42	2.26	3.10	5.67	4.29	3.32	2.80	2.98	2.57	2.02	1.37	33.04
Arkansas	4.13	3.66	5.07	4.32	5.20	4.42	3.96	3.11	3.28	2.96	3.77	4.02	47.90
Montana	1.03	0.78	1.03	1.32	2.99	2.73	1.45	0.91	1.72	1.10	1.11	0.91	17.08
Wyoming	1.40	0.76	1.17	1.58	2.78	1.52	1.21	1.13	1.14	0.89	1.03	0.91	15.51
Colorado	1.23	1.07	1.32	1.79	1.85	1.34	2.15	1.99	1.23	1.51	0.89	1.09	17.46
New Mexico	0.53	0.88	0.65	0.51	0.90	0.99	2.38	2.69	1.70	1.05	0.73	0.83	13.63
Arizona	0.98	1.31	0.97	0.46	0.27	0.34	1.71	2.41	0.92	0.62	0.94	0.99	11.92
Utah	1.20	1.36	1.80	1.41	1.42	0.59	0.57	1.08	1.06	1.05	0.85	1.04	14.43
Nevada	1.44	1.24	1.26	0.73	0.94	0.41	0.35	0.55	0.41	1.05	0.71	1.08	10.17
Idaho	2.55	1.70	1.92	1.79	1.84	1.10	0.71	0.53	1.10	1.25	2.73	2.22	19.14
Washington	3.95	3.68	3.33	2.13	2.20	1.59	0.73	0.75	1.78	2.78	5.33	4.68	32.93
Oregon	5.78	5.56	4.64	2.32	2.34	1.45	0.63	0.57	1.65	2.28	4.54	6.04	38.70
California	5.41	3.59	3.97	2.02	1.25	0.32	0.08	0.06	0.59	1.61	3.17	4.14	26.21
United States	2.34	2.32	2.62	2.39	3.07	2.97	2.92	2.63	2.35	2.06	2.20	2.32	30.19

CLIMATOLOGY OF THE UNITED STATES.

The following table of average rainfall, highest and lowest temperatures, based upon observations of thirty-nine or fewer years at selected stations in the several states and territories of the United States, was compiled from the records of the weather bureau for The Chicago Daily News Almanac by the United States weather bureau, Washington, D. C.:

State. Stations.	Barometer No. above sea level (ft.)	Temperature. ^a * Max. Year. Min. Year. Mean.	Av. pre- cipitation. Year. (in.)
Alabama—Mobile	84 41 102 1901	—1 1899 62.0	
Arizona—Montgomery	240 39 107 1881	—5 1889 51.2	
Arizona—Yuma	41 36 120 1910	22 1911 3.1	
Arkansas—Little Rock	398 32 106 1901	—12 1899 49.9	
California—San Francisco	207 41 101 1904	29 1888 22.3	
San Diego	87 40 101 1883	32 1894 10.0	
Colorado—Denver	5,272 40 105 1878	—29 1875 12.0	
Pueblo	4,685 23 104 1902	—27 1893 47.0	
Connecticut—New Haven	120 39 100 1881	—14 1873 12.0	
Dist. Col.—Washington	111 41 104 1881	—15 1899 43.5	
Florida—Jacksonville	74 30 104 1879	10 1899 53.2	
Key West	22 41 100 1886	41 1886 38.7	
Georgia—Atlanta	1,218 83 100 1887	—3 1899 49.4	
Savannah	154 41 105 1879	8 1899 50.3	
Idaho—Boise	2,770 27 111 1893	—28 1888 12.7	
Lewiston	330 19 108 1905	—18 1884 15.5	
Pocatello	4,483 13 102 1901	—20 1905 12.9	
Illinois—Chicago	816 41 103 1901	—23 1872 33.3	
Springfield	614 32 107 1901	—24 1905 37.0	
Indiana—Indianapolis	822 38 106 1901	—25 1884 41.5	
Iowa—Des Moines	861 33 109 1901	—30 1884 32.4	
Kansas—Dodge City	2,533 37 108 1876	—26 1899 20.8	
Kentucky—Louisville	525 39 107 1901	—20 1884 44.3	
Louisiana—New Orleans	51 41 102 1901	7 1899 57.4	
Shreveport	216 39 110 1909	—5 1899 45.7	
Maine—Eastport	76 39 93 1901	—21 1884 43.3	
Portland	103 40 103 1911	—17 1872 42.5	
Maryland—Baltimore	73 39 104 1898	—7 1899 32.2	
Massachusetts—Boston	125 41 104 1911	—13 1882 43.4	
Michigan—Alpena	595 39 101 1911	—27 1882 33.2	
Detroit	782 41 101 1887	—24 1872 32.2	
Marquette	709 37 108 1901	—27 1875 32.6	
Minnesota—St. Paul	940 39 104 1901	—41 1888 28.7	

State. Stations.	Barometer No. above sea level (ft.)	Temperature. ^a * Max. Year. Min. Year. Mean.	Av. pre- cipitation. Year. (in.)
Moorhead	913 31 102 1894	—48 1887 24.9	
Mississippi—Vicksburg	247 39 101 1881	—1 1899 53.7	
Missouri—St. Louis	431 41 107 1901	—22 1884 37.2	
Montana—Helena	6,121 32 103 1886	—42 1893 12.8	
Hayre	2,492 31 108 1900	—55 1887 13.7	
Noraska—North Platte	2,809 37 107 1877	—35 1899 18.9	
Omaha	1,105 39 107 1911	—32 1884 30.7	
Nevada—Winnemucca	4,291 33 104 1877	—28 1888 8.4	
N. Jersey—Atlantic City	16 36 99 1880	—7 1899 40.8	
New York—Albany	97 38 104 1911	—24 1904 36.3	
Rochester	523 40 101 1911	—14 1904 34.3	
New Mexico—Santa Fe	7,018 38 97 1873	—13 1883 14.5	
N. Carolina—Charlotte	773 33 102 1887	—5 1899 49.2	
Wilmington	78 41 103 1879	5 1899 51.0	
N. Dakota—Bismarck	1,674 37 107 1910	—44 1887 17.6	
Fort Buford, Williston	1,896 39 107 1883	—49 1888 15.1	
Ohio—Cincinnati	628 41 105 1901	—17 1899 38.3	
Cleveland	762 40 99 1881	—17 1873 35.0	
Oklahoma—Oklahoma City	1,262 20 108 1909	—17 1899 31.7	
Oregon—Portland	58 39 102 1891	—2 1888 45.1	
Roseburg	510 34 106 1905	—6 1888 34.4	
Pennsylvania—Philadelphia	117 41 103 1901	—6 1899 41.2	
Pittsburgh	1,070 39 103 1881	—20 1899 36.4	
Rhode Isl'd—Block Isl'd	31 92 1911	—4 1896 44.4	
S. Carolina—Charleston	48 39 104 1879	7 1899 52.1	
S. Dakota—Rapid City	3,234 26 106 1900	—34 1899 18.7	
Yankton	1,231 37 107 1894	—34 1879 25.4	
Tennessee—Knoxville	1,007 41 100 1887	—16 1884 49.4	
Memphis	316 39 104 1901	—9 1899 50.3	
Texas—Ablene	1,735 26 110 1886	—6 1899 24.7	
Galveston	69 40 98 1901	8 1899 47.7	
Utah—Salt Lake City	4,408 38 102 1889	—20 1883 16.0	
Vermont—Northfield	848 25 98 1911	—35 1908 33.8	
Virginia—Norfolk	91 41 102 1887	2 1895 49.5	
Washington—Spokane	1,955 31 104 1909	—30 1885 18.8	
West Virginia—Parkersburg	638 23 102 1911	—27 1899 40.4	
Wisconsin—Milwaukee	681 41 100 1901	—25 1875 31.4	
Wyoming—Cheyenne	6,088 39 100 1881	—38 1875 13.6	

*Corrected to Dec. 31, 1911, inclusive. †Precipitation normals adopted in 1907.

BUILDING AND LOAN ASSOCIATIONS (JAN. 1, 1911).

State.	Number.	Membership.	Assets.	State.	Number.	Membership.	Assets.
California	107	32,119	\$21,255,176	Nebraska	70	54,701	\$21,327,766
Connecticut	12	3,041	2,239,138	New Hampshire	17	7,650	2,072,233
District of Columbia	19	29,233	15,250,731	New Jersey	511	178,622	86,602,359
Illinois	540	135,024	63,200,354	New York	253	138,538	53,456,837
Indiana	339	129,583	38,416,322	North Carolina	112	26,680	7,488,232
Iowa	49	16,500	4,863,729	North Dakota	9	3,802	2,149,852
Kansas	58	37,776	11,457,558	Pennsylvania	649	362,313	170,750,527
Kentucky	97	41,417	15,395,504	Tennessee	1,536	426,479	181,302,088
Louisiana	60	34,683	15,866,563	West Virginia	38	11,645	4,984,351
Maine	35	10,949	4,343,975	Wisconsin	60	20,888	6,180,060
Massachusetts	147	142,355	61,498,838	Other states	950	234,866	117,080,646
Michigan	63	44,994	18,124,731				
Minnesota	59	11,536	5,075,947				
Missouri	130	24,594	11,431,451				
Montana	10	1,652	886,994				
				Total, 1911	5,937	2,216,912	945,568,907
				Total, 1910	5,737	2,029,927	860,782,611

Foreign Governments.

Rulers and cabinets of the leading countries, with the latest statistics of their area, population, exports and imports.

GREAT BRITAIN.

GOVERNMENT—King, George V.; heir-apparent, Edward Albert, prince of Wales.

Prime Minister and First Lord of the Treasury—*H. H. Asquith.

Lord Chancellor—*Viscount R. B. Haldane.

Lord President of the Council—*Viscount Morley.

Chancellor of Exchequer—*David Lloyd-George.

Home Secretary—*Reginald McKenna.

Foreign Secretary—*Sir Edward Grey.

Colonial Secretary—L. V. Harcourt.

Secretary for War—*Col. John E. B. Seely.

Secretary for India and Lord Privy Seal—Marquis of Crewe.

First Lord of Admiralty—*Winston Spencer Churchill.

Secretary for Ireland—*Augustine Birrell.

Secretary for Scotland—*T. McKinnon Wood.

President of the Board of Trade—*Sydney C. Buxton.

President of the Local Government Board—*John Burns.

President of the Board of Agriculture—*Walter Runciman.

President of the Board of Education—*Joseph Albert Pease.

Postmaster-General—*Herbert Louis Samuel.

Lord Lieutenant of Ireland—Lord Aberdeen.

Chancellor of Duchy—*Charles E. Hobhouse.

Lord Advocate—A. Ure.

First Commissioner of Works—*Earl Beauchamp.

Attorney-General—Sir R. D. Isaacs.

Solicitor-General—Sir J. A. Simon.

Solicitor-General for Scotland—A. M. Anderson.

Attorney-General for Ireland—Charles A. O'Connor.

Solicitor-General for Ireland—Ignatius O'Brien.

*Members of the cabinet.

The British parliament, in which the highest legislative authority is vested, consists of the house of lords and the house of commons. The former in 1911 had 632 members and the latter 670. The sessions usually last from February to August.

AREA AND POPULATION—The total area of England, Scotland, Ireland, Wales, the Isle of Man and the Channel islands is 121,391 square miles; the total for the British empire is 11,447,954 square miles. The total population of the empire in 1911 was 419,401,371. The population of the united kingdom April 3, 1911, when the last census was taken, was: England, 34,043,076; Wales, 2,632,193; Scotland, 4,759,445; Ireland, 4,381,951; Isle of Man, 52,034; Channel islands, 96,900. Total, 45,365,599.

The cities of England and Wales having more than 100,000 population each were in 1911:

London	4,522,961	Sunderland	151,162
Liverpool	746,566	Oldham	147,495
Manchester	714,427	Blackburn	133,064
Birmingham	525,960	Brighton	131,250
Leeds	445,568	Gateshead	116,928
Sheffield	454,653	Derby	123,493
Bristol	357,059	Southampton	119,039
West Ham	289,102	Plymouth	112,042
Bradford	288,505	Norwich	121,493
Newcastle	266,671	Birkenhead	130,532
Kingston-upon-Hull	275,024	Preston	117,113
Nottingham	279,943	Halifax	101,556
Leicester	227,242	Barnley	106,337
Salford	231,389	Middlesbrough	104,787
Portsmouth	231,165	Stockport	108,693
Stoke-on-Trent	234,553	South Shields	108,649
Cardiff	182,280	Coventry	106,377
Bolton	180,885	Huddersfield	107,825
Croydon	169,559	Swansea	114,673

The figures given in the above table for London are for the inner or registration district alone. Including the outer belt of suburban towns, which are within the metropolitan police district, the population of "Greater London" April 3, 1911, was 7,252,963.

Population of the chief cities in Scotland in 1911:

Glasgow	784,455	Greenock	63,911
Edinburgh	320,315	Perth	36,995
Aberdeen	133,084	Kilmarnock	34,729

Dundee	165,006	Govan	89,725
Paisley	84,477	Partick	66,848
Leith	80,489	Coatbridge	43,287

The total population of Ireland in 1911 was 4,381,951, against a total of 4,458,775 in 1901, showing a decrease of 76,824, or 1.7 per cent.

The population in Leinster increased 7,499, but decreased in the other three provinces as follows: Munster, 43,103; Ulster, 4,254; Connaught, 36,966.

Population of the chief cities of Ireland in 1911:

Dublin	309,272	Lurgan	12,135
Belfast	385,492	Lisburn	12,172
Cork	76,632	Wexford	11,455
Limerick	38,403	Sligo	11,163
Londonerry	40,799	Kilkenny	13,112
Waterford	27,430	Kingstown	17,227
Galway	15,936	Portlaoine	11,727
Dundalk	15,129	Ballymena	11,376
Drogheda	15,425	Clonmel	10,277
Newry	12,456		

EXPORTS AND IMPORTS—The total exports of the British empire in 1911 were \$5,391,187,800; of the united kingdom, \$3,070,132,600; total imports of the empire, \$1,915,260,400; of the united kingdom, \$3,717,933,300.

The total exports of the united kingdom to the United States in 1912 were \$272,940,700; imports, \$564,372,186.

INDIA.

GOVERNMENT—Governor-general, Sir Charles Hardinge. Legislative authority vested in a council of sixty-eight members, thirty-six being official and thirty-two nonofficial.

AREA AND POPULATION—The total area of British India is 1,789,154 square miles. The total population according to the census of March 10, 1911, is 315,132,527, divided among the provinces as follows:

Ajmer-Marwar	501,395	Madras	41,405,404
Assam	34,018,527	Northwest prov-	
Bengal	52,668,269	inces	2,196,933
Bombay	19,672,642	United p r o v	
Central p r o v	12,115,217	inces	47,182,044
Burma	12,115,217	Punjab	19,974,956
inces	13,916,308	Baluchistan	414,412
Coorg	174,976	Andamans	26,459

Population of the large cities in 1911:

Calcutta	1,222,313	Delhi	232,837
Bombay	979,445	Lahore	228,687
Madras	518,660	Cawnpore	178,557
Haidarabad	500,623	Agra	185,449
Lucknow	259,788	Ahmedabad	215,835
Rangoon	293,316	Allahabad	171,697
Benares	203,804	Poona	158,856

DOMINION OF CANADA.

GOVERNMENT—The Canadian parliament consists of eighty-seven life senators and a house of commons of 221 members, there being one representative for every 25,367 of population, based upon the census of 1901. The governor-general is the duke of Connaught, appointed in 1911, and the council is made up of the following. Premier, Robert L. Borden; minister of agriculture, Martin Burrell; customs, Dr. J. D. Reid; finance, W. T. White; inland revenue, W. B. Neld; interior, R. Rogers; justice, C. J. Doherty; labor, T. W. Crothers; marine and fisheries, J. D. Hazen; militia, S. Hughes; postmaster-general, L. P. Pelletier; public works, Louis Coderre; railways and canals, Francis Cochrane; secretary of state, Dr. W. J. Roche; trade and commerce, George E. Foster; ministers without portfolio, A. E. Kemp, J. A. Loughhead, George H. Perry. The governor-general gets a salary of \$50,000 a year, the premier \$12,000 and the other ministers \$7,000 each.

AREA AND POPULATION—The total area of Canada is 3,729,665 square miles, of which 3,603,910 is land area. Area of provinces:

Province.	Sq. miles.	Province.	Sq. miles.
Alberta	255,285.00	Manitoba	73,731.72
Brit. Columbia	365,855.00	New Brunswick	27,985.11

Province.	Sq. miles.	Province.	Sq. miles.
Nova Scotia...	21,427.77	Saskatchewan...	251,700.00
Ontario...	260,862.00	Yukon	207,076
Prince Edward		Northwest ter-	
island	2,184.36	ritories§	1,921,685.00
Quebec†	351,873.00	Total	3,729,664.96

*Area increased in 1912 to 251,832 square miles. †Increased in 1912 to 407,262 square miles. ‡Increased in 1912 to 706,834 square miles. §Decreased in 1912 to 1,242,224 square miles.

The census taken June 1, 1911, showed the following population by provinces:

Province.	1911.	1901.	Increase.	Pr. ct.
Alberta	374,663	73,022	301,641	413.08
British Columbia	392,480	178,657	213,823	119.68
Manitoba	455,614	255,211	200,403	78.52
New Brunswick.	351,889	331,120	20,769	6.27
Nova Scotia.....	492,338	459,574	32,764	7.13
Ontario	2,523,274	2,182,947	340,261	15.58
Prince Edward Isl.	93,728	103,269	9,541	9.23
Quebec	1,682,712	1,648,988	33,724	2.06
Saskatchewan	492,432	91,379	401,153	439.48
Yukon	8,512	27,219	18,707	*68.73
Northwest territ's	17,196	20,129	*3,178	*15.79
Total	7,204,838	5,371,315	1,833,212	34.13

*Decrease.

Population by sex and per square mile in 1911:

Province.	Male.	Female.	Total.	Persq. mile.
Alberta	223,989	150,674	374,663	1.47
British Columbia.	215,619	140,861	392,480	1.09
Manitoba	250,066	205,558	455,614	6.18
New Brunswick..	179,857	172,022	351,889	12.61
Nova Scotia.....	251,019	241,319	492,338	22.98
Ontario	1,289,290	1,233,984	2,523,274	9.67
Prince Edward Isl.	47,069	46,659	93,728	42.91
Quebec	1,012,247	991,466	2,003,712	5.69
Saskatchewan	291,730	200,702	492,432	1.95
Yukon	6,508	2,004	8,512	.....
Northwest territ's	8,630	8,421	16,951	.....
Total Canada...	3,820,887	3,383,640	7,204,527	1.93

The rural population in 1911 was 3,924,083 and the urban population 3,280,444. In 1901 the rural population was 3,369,015 and the urban population 2,002,297. The increase of rural population in the ten years was therefore 555,065 and of the urban 1,278,147, or 16.48 per cent for the rural and 63.83 per cent for the urban.

The population of the principal cities and towns in 1911 was:

Amherst, N. S....	8,973	Ingersoll, Ont.....	4,763
Arnprior, Ont.....	4,405	Joliette, Que.....	6,346
Barrie, Ont.....	6,420	Kamloops, B. C....	3,772
Bellevue, Ont.....	9,876	Kaslo, B. C.....	3,146
Berlin, Ont.....	15,196	Kenora, Ont.....	6,158
Brandon, Man.....	13,839	Kingston, Ont.....	18,874
Brantford, Ont....	23,132	Lachine, Que.....	10,699
Brookville, Ont....	9,374	Leathbridge, Alb..	8,050
Calgary, Alb.....	43,704	Levis, Que.....	7,452
Charlottetown.		Lindsay, Ont.....	6,964
P. E. I.....	11,198	London, Ont.....	46,300
Chatham, N. B....	4,666	Maisonneuve, Que.	18,684
Chatham, Ont....	10,770	Medicine Hat, Alb.	5,608
Chicoitimi, Que....	5,880	Midland, Ont.....	4,663
Cohalt, Ont.....	5,938	Moncton, N. B....	11,345
Coburg, Ont.....	5,074	Montreal, Que....	470,480
Collingwood, Ont.	7,090	Moosejaw, Sas....	13,823
Cornwall, Ont....	6,598	Nanaimo, B. C....	8,306
Dartmouth, N. S..	5,058	Nelson, B. C.....	4,476
Dawson, Yukon....	2,013	New Glasgow, N. S.	6,383
Dundas, Ont.....	4,299	New Westminster,	
Edmonton, Alb....	24,900	B. C.....	13,199
Fernie, B. C.....	3,148	Niagara Falls, Ont.	9,248
Fort William, Ont.	16,499	North Bay, Ont....	7,737
Fraserville, Que....	6,774	North Toronto, Ont.	5,362
Fredricton, N. B..	7,208	North Sydney, N. S.	5,418
Galt, Ont.....	10,299	North Vancouver,	
Glace Bay, N. S..	12,562	B. C.....	8,306
Goderich, Ont.....	4,552	Orillia, Ont.....	6,828
Granby, Que.....	4,750	Oshawa, Ont.....	7,436
Grand Mere, Que..	4,783	Ottawa, Ont.....	87,062
Guelp, Ont.....	15,175	Outremont, Que....	4,820
Halifax, N. S....	46,619	Owen Sound, Ont..	12,558
Hamilton, Ont....	81,969	Paris, Ont.....	4,098
Hawkesbury, Ont..	4,400	Pembroke, Ont.....	5,626
Hull, Que.....	18,222	Peterborough, Ont.	18,360

Portage La Prairie,		Springhill, N. S....	5,713
Man.....	5,892	Stratford, Ont.....	12,946
Port Arthur, Ont..	11,220	Strathcona, Alb....	5,579
Port Hope, Ont....	5,092	Sudbury, Ont.....	4,150
Prince Albert, Sas.	6,254	Sydney, N. S.....	17,723
Prince Rupert, B. C.	4,184	Sydney Mines, N. S.	7,470
Quebec, Que.....	73,190	Theford Mines.	
Regina, Sas.....	30,213	Que.....	7,261
Revelstoke, B. C..	5,017	Toronto, Ont.....	376,538
St. Boniface, Man..	7,483	Trois-Rivieres, Que.	13,691
St. Catharines, Ont.	12,484	Truro, N. S.....	6,107
St. Hyacinthe, Que.	9,797	Valley Field, Que..	9,449
St. Jean, Que.....	5,903	Vancouver, B. C....	100,401
St. John, N. B....	42,511	Verdun, Que.....	11,629
St. Thomas, Ont....	14,054	Victoria, B. C.....	31,660
Sarnia, Ont.....	9,947	Waterloo, Ont.....	4,359
Saskatoon, Sas....	12,004	Welland, Ont.....	5,318
Sault Ste. Marie,		Westmount, Que....	14,579
Ont.....	10,984	Westville, N. B....	4,417
Shawinigan Falls,		Windsor, Ont.....	17,829
Ont.....	4,265	Winnipeg, Man....	136,035
Smithbrooke, Que..	16,405	Woodstock, Ont....	9,320
Sherb's Falls, Ont.	6,370	Yarmouth, N. S....	6,609
Sorel, Que.....	8,420		

IMPORTS AND EXPORTS.—The total value of the imports for the year ended March 30, 1911, was \$472,194,246; exports, \$297,196,365; imports from the United States (1912), \$329,257,302; exports to the United States, \$108,813,368.

COMMONWEALTH OF AUSTRALIA.

July 9, 1900, the British parliament passed an act empowering the six provinces of Australia to form a federal union and Jan. 1, 1901, the new commonwealth was proclaimed at Sydney, N. S. W. Its first parliament was opened May 9, 1901, by the prince of Wales (now George V.), heir-apparent to the British throne, acting for his father, King Edward VII. The capital at present is in Melbourne.

GOVERNMENT.—The federal parliament is made up of a senate of thirty-six members, six from each original state, and a house of representatives of seventy-five members, apportioned as follows: New South Wales, 27; Victoria, 21; Queensland, 10; South Australia, 7; Western Australia, 5; Tasmania, 5. The king is represented by the governor-general. He appoints the council of seven ministers exercise the executive power. The governor-general is paid a salary of \$50,000 a year. The governor-general is Baron Denman. The ministers are: A. Fisher, treasurer and prime minister; W. M. Hughes, attorney-general; K. O'Malley, home affairs; F. G. Tudor, trade and customs; G. F. Pearce, defense; C. E. Fraser, postmaster-general; J. Thomas, external affairs.

AREA AND POPULATION.—The commonwealth has a total area of 2,974,581 square miles, divided among the states as follows:

New South Wales.	310,372	North Territory.	523,620
Victoria	87,884	Western Australia.	975,920
Queensland	670,500	Tasmania	26,215
South Australia.	380,070		

The total population of the commonwealth as enumerated April 2, 1911, was 4,455,005, divided among the states as follows:

New South Wales.	1,648,448	West'n Australia	282,114
Victoria	1,315,551	Tasmania	191,211
Queensland	605,813		
South Australia	408,558	Total	4,455,005
North Territory	3,310		

The population of Melbourne in 1911 was 591,830; Sydney (1910), 621,100; Adelaide (1910), 192,000, and Wellington (1911), 64,372.

EXPORTS AND IMPORTS.—The total exports of the states in the commonwealth in 1911 were \$372,958,700; total imports, \$300,672,640. Australia in 1912 exported merchandise valued at \$9,603,423 to the United States and imported merchandise worth \$39,230,503.

UNION OF SOUTH AFRICA.

Sept. 29, 1909, the British parliament passed an act empowering the four self governing colonies of South Africa—Cape of Good Hope, Natal, Transvaal and Orange Free State—to form a federal government to be known as the Union of South Africa. This was proclaimed May 31, 1910, at Pretoria, the seat of government, other services taking place at Cape Town, the seat of the legislature.

The executive government is vested in the king, represented by a governor-general, and an executive council and in ten ministers of state. Legislative power is vested in a parliament consisting of a senate and a house of assembly. The senate contains forty members, eight of whom are nominated by the governor-general in council and thirty-two elected by the four provinces, each of which is entitled to eight senators. The assembly consists of 121 members, chosen in electoral divisions as follows: The Cape of Good Hope, 51; Natal, 17; Transvaal, 36; Orange Free State, 17. Senators are elected for ten years and assemblymen for five. The English and Dutch languages are both official.

Governor-General—Lord Herbert John Gladstone. Cabinet: Premier and minister of agriculture, Gen. Louis Botha; interior and defense, J. C. Smuts; railways, J. W. Sauer; justice, Gen. J. B. M. Hertzog; education and mines, F. S. Malan; finance, H. C. Hull; lands, A. Fischer; native affairs, H. Burton; commerce and industries, Mr. Moor; public works, commerce and industries, G. Leuchars; posts and telegraphs, D. P. de V. Graaf.

Area in square miles and population in 1911:

Province.	Area.	Population.
Cape of Good Hope.....	276,995	2,563,024
Natal.....	35,371	1,191,958
Transvaal.....	110,426	1,676,611
Orange Free State.....	50,392	526,906
Total	473,184	5,958,499

IMPORTS AND EXPORTS—The total imports of the four states in 1911 were valued at \$172,000,000 and the exports at \$294,400,000. Exports to the United States in 1912, \$2,203,329; imports, \$12,771,229.

AUSTRIA-HUNGARY.

GOVERNMENT—Emperor of Austria and king of Hungary, Francis Joseph I.; heir-presumptive (his nephew, son of the late Archduke Charles Louis), the Archduke Francis Ferdinand of Este.

Joint or common ministry:

Foreign Affairs—Count Leopold Berchtold.

War—Gen. Ritter von Auffenberg.

Finance—Dr. de Belinski.

Cabinet for Austria:

Premier—Count F. M. G. Stuerghk.

Interior—Dr. Karl Baron Heinold.

Commerce—Dr. M. Roessler.

Finance—Wenzel von Zaleski.

Railways—Dr. von Forster.

Instruction—Dr. Max von Hussarek.

Agriculture—Dr. Albin Brof.

Justice—Dr. Hochenburger.

National Defense—Marshal von Georgi.

Labor—Herr Otto Trnka.

Cabinet for Hungary:

Premier and Minister of Interior—Count Charles Khuen-Hedervary.

Finance—Dr. Ladislav Lukacs.

Defense—Samuel Hazay.

Justice—Dr. Francis Z. Szekely.

Commerce—Ladislav Beatty.

Agriculture—Count Adalbert Serenyl.

Education—Count Johann Zichy.

The empire of Austria and the kingdom of Hungary are sovereign states, each with its own constitution, legislative bodies and system of administration, co-ordinate in rank and mutually independent within the domain of home affairs. Foreign representation (embassies and consulates), the army and navy, customs (import and export duties), and the administration of the annexed provinces (Bosnia and Herzegovina) are, however, conducted in common. Legislation on matters affecting the interests of the dual monarchy as a whole is entrusted to the delegations—two bodies of sixty members each, chosen from among members of the two legislative chambers of Austria and Hungary respectively.

AREA AND POPULATION—Area of Austria, 115,903 square miles; of Hungary, 325,430 square miles. The population of Austria in 1911 was 23,321,088. The population of Hungary in 1910 was 20,840,678. Total population for both countries in 1910 was 49,161,766.

Largest cities of Austria in 1910:

Vienna	2,031,498	Cracow (1909).....	151,886
Prague	223,741	Pilsen	80,343
Trieste	229,475	Ozernowitz	87,128
Lemberg	206,113	Pola	68,081
Graz	151,781	Linz	67,817
Brunn	125,737		

Largest cities of Hungary in 1910:

Budapest	880,371	Zagrab	79,038
Szeged	118,323	Hodmezo Vasarhely	62,445
Szabadka	94,610	Kecskemet	66,824
Debrecen	92,299	Arad	63,166
Poszony	78,223	Temesvar	72,555

IMPORTS AND EXPORTS—The value of the imports into the Austro-Hungarian customs territory in 1910 was \$579,129,000; exports, \$490,977,000. Chief imports are cotton, coal, wool, maize, tobacco, coffee and wines; principal exports, lumber and wool manufactures, sugar, eggs, barley, lignite, malt, leather, gloves and shoes. Imports from the United States in 1912, \$22,388,930; exports to United States, \$16,713,794.

BELGIUM.

GOVERNMENT—King, Albert I. Cabinet: Premier and Minister of Railways—M. de Broqueville.

War—Gen. Hellebaut.

Foreign Affairs—M. Davignon.

Interior—Paul Berryer.

Finances—M. Levie.

Justice—Carton de Wiart.

Agriculture and Public Works—M. Van de Vyvere.

Industry and Labor—M. A. Hubert.

Science and Arts—M. Poulet.

Colonies—M. Benkin.

AREA AND POPULATION—Total area, 11,373 square miles. Total population Dec. 30, 1900, 6,693,548; estimated population, 1910, 7,516,730. Population of the largest cities Dec. 31, 1910:

Antwerp	320,640	Liege	174,768
Brussels (capital).....	665,806	Ghent	165,149

IMPORTS AND EXPORTS—The imports in 1910 amounted to \$823,137,000 and the exports to \$657,634,000. The trade with the United States in 1912 was: Imports, \$51,387,618; exports, \$41,677,418. Chief imports are cereals, textiles and metal goods; chief exports, cereals, raw textiles, tissues, iron, glass, hides, chemicals and machinery.

BULGARIA.

GOVERNMENT—King, Ferdinand, duke of Saxe-Coburg-Gotha. Legislation is enacted by the "so-branje," a single chamber of 215 members elected for five years. Bulgaria in 1908 declared itself independent of Turkey, under the suzerainty of which country it had been an autonomous principality.

AREA AND POPULATION—Area, 24,380 square miles. Population Dec. 31, 1910, 4,329,108; population of Sofia, the capital, 102,769.

IMPORTS AND EXPORTS—Exports in 1910, \$24,907,000; imports, \$34,230,000. Exports to the United States in 1912, \$462,436; imports, \$174,706. The exports are mainly cereals and the imports textiles.

DENMARK.

GOVERNMENT—King, Christian X.; heir apparent, Prince Christian Frederick. Cabinet:

Premier and Minister of Defense—Klaus Benntsen.

Foreign Affairs—Count Ahlefeldt-Laurvig.

Home Affairs—Jensen Soenderup.

Agriculture—Anders Nielsen.

Instruction—Jacob Appel.

Commerce—O. H. V. Muus.

Finance—Niels Neergaard.

Justice—Fritz T. Bulow.

Legislative authority is vested in the landsting and folkething. The former, which is the upper house, has 66 members, twelve of whom are appointed for life, the remainder being elected for terms of eight years. The folkething, or lower house, has 114 members, each elected for three years.

AREA AND POPULATION—Denmark's area is 15,592 square miles and total population in 1911, 2,775,076. Copenhagen, the capital, has a population of 462,161; with suburbs, 559,398.

IMPORTS AND EXPORTS—Total exports in 1910, \$152,243,000; imports, \$176,224,500. The imports from the United States in 1912 were \$15,767,348; exports, \$2,832,077. Leading articles of export are butter, pork, eggs and lard; of import, textiles, cereals, wood, iron manufactures and coal.

FRANCE.

GOVERNMENT—President, Clement Armand Fallieres; term expires 1913.

Premier and Minister of Foreign Affairs—M. Poincare

Justice—Aristide Briand.

Interior—Jules Steeg.

Education—M. Guist'hau.

Finance—L. Klotz.

War—Alexander Millerand.

Marine—Theophile Delcasse.

Public Works—Jean Dupuy.

Colonies—M. Le Brun.

Agriculture—Jules Pams.

Labor—Leon Bourgeois.

Legislative authority is vested in the chamber of deputies and the senate. The former has 597 members, each of whom is elected for four years. The senate has 300 members elected for nine years. The presidential term is seven years.

AREA AND POPULATION—France has a total area of 207,064 square miles. The area of the French colonies and dependencies throughout the world is 4,367,746 square miles. Total population (1911) of France proper, 39,601,509. Population of the principal cities in 1910:

Paris	2,888,110	Toulouse	149,576
Marseilles	550,619	St. Etienne	148,656
Lyons	523,796	Nice	142,940
Bordeaux	261,678	Nantes	170,535
Lille	217,807	Havre	136,159

IMPORTS AND EXPORTS—The total imports in 1910 amounted to \$1,203,124,000; exports, \$1,384,453,000. Exports to the United States in 1912, \$124,548,458; imports from, \$135,388,851. The chief exports are textiles, wool, raw silk, wool, small wares and leather; imports, wine, raw wool, raw silk, timber and wood, leather, skins and linen.

GERMANY.

GOVERNMENT—Emperor and king of Prussia, Wilhelm II.; heir-apparent, Prince Friedrich Wilhelm. Cabinet officers:

Imperial Chancellor—Dr. Theobald von Bethmann-Hollweg.

Foreign Affairs—Herr Alfred von Kiderlen-Waechter.

Interior—Herr Klemens Dalbruck.

Navy—Admiral Alfred von Tirpitz.

Justice—Dr. Lisso.

Colonies—Herr Dr. Soif.

Treasury—Herr Kuehn.

Postal Affairs—Dr. Reinhold Kraetke.

Commerce—Herr Reinhold Sydow.

President of Imperial Railway Administration—Herr von Breitenbach.

The Prussian minister of war, Gen. Jostias O. O. von Heeringen, while nominally having jurisdiction over Prussian army affairs only, represents the imperial government in the reichstag in military matters and is, for all practical purposes, German secretary for war. Of the various independent states of Germany only the kingdoms of Prussia, Saxony, Bavaria and Wurttemberg have their own ministers of war.

Legislative authority is vested in a bundesrath, or senate, of 61 members, and a reichstag, or house, of 397 members. The latter are elected for five year terms on a popular franchise and the senators are appointed from the state governments for each session.

AREA AND POPULATION—The area of the states in the empire is 208,780 square miles; area of dependencies about 1,027,820 square miles; grand total, 1,236,600 square miles.

The last federal census was taken Dec. 1, 1910. According to this the population of the empire was 64,903,423. The estimated population of the foreign dependencies is 12,686,000. State population in 1910:

Prussia	40,163,333	Lippe	150,749
Bavaria	6,876,497	Schwarzburg-Rud	100,712
Wurttemberg	2,435,611	Schwarzburg-	
Baden	2,141,832	Sond	89,984
Saxony	4,802,455	Reuss, junior	
Hesse	1,282,219	branch	152,765
Mecklenburg-		Schaumburg-	
Schwerin	639,879	Lippe	46,650
Oldenburg	482,430	Hamburg	1,015,707
Brunswick	494,387	Reuss, elder	
Saxe-Weimar	417,166	branch	72,616
Mecklenburg-		Lubeck	116,533
Strelitz	106,347	Bremen	298,736
Saxe-Meiningen	278,792	Waldeck	61,725
Anhalt	331,047	Alsace-Lorraine	1,871,702
Saxe-Coburg-			
Gotha	257,208	Total	64,903,423
Saxe-Altenburg	216,313		

German cities having more than 150,000 inhabitants in 1910 included the following:

Berlin	2,070,695	Bremen	246,827
Hamburg	932,078	Duisburg	229,478
Munich	595,053	Dortmund	214,333
Dresden	546,882	Halle-on-Saale	180,551
Leipzig	587,635	Altona	172,533
Breslau	511,891	Strassburg	178,290
Cologne	516,167	Kiel	211,044
Frankfurt a. M.	414,593	Elberfeld	170,118
Nurnberg	332,651	Mannheim	193,379
Dusseldorf	357,702	Danzig	170,347
Hanover	302,334	Barmen	169,201
Stuttgart	285,589	Rixdorf	237,378
Chemnitz	287,340	Gelsenkirchen	169,530
Magdeburg	279,685	Aachen	156,044
Charlottenburg	305,181	Schoeneberg	172,902
Essen	294,629	Posen	156,695
Stettin	236,145	Cassel	153,078
Konigsberg	245,853		

EXPORTS AND IMPORTS—Total exports (1910), \$1,778,969,000; total imports, \$2,126,322,000.

During the fiscal year ended June 30, 1912, Germany exported \$171,380,380 worth of merchandise to the United States and imported merchandise valued at \$306,959,021.

SOVEREIGNS OF STATES.

Anhalt—Duke, Friedrich.	
Baden—Grand duke, Friedrich II.	
Bavaria—King, Otto; prince regent, Luitpold.	
Brunswick—Regent, Duke Johann Albrecht.	
Hesse—Grand duke, Ernst Ludwig.	
Lippe—Count, Leopold IV.	
Mecklenburg-Schwerin—Grand duke, Friedrich Franz IV.	
Mecklenburg-Strelitz—Grand duke, Adolph Friedrich.	
Oldenburg—Grand duke, Friedrich August.	
Prussia—King, Wilhelm II.	
Reuss, Elder Branch—Prince, Heinrich XXIV.	
Reuss, Younger Branch—Prince, Heinrich XIV.	
Saxe-Altenburg—Duke, Ernst.	
Saxe-Coburg and Gotha—Duke, Charles Edward.	
Saxe-Meiningen—Duke, Georg II.	
Saxony (grand duchy)—Grand duke, Wilhelm Ernst.	
Saxony—King, Friedrich August III.	
Schaumburg-Lippe—Prince, Adolf.	
Schwarzburg-Rudolstadt—Prince, Gunther.	
Waldeck—Prince, Friedrich.	
Wurttemberg—King, Wilhelm II.	

GREECE.

GOVERNMENT—King, George I.; heir-apparent, Prince Constantine, duke of Sparta. Cabinet:

President of the Council and Minister of War and Marine—M. Venezelos.

Foreign—M. Gyparis.

Worship and Instruction—M. Alexandris.

Interior—M. Repoulis.

Finance—M. Coromilas.

Commerce and Agriculture—M. Benakis.

Justice—M. Demitracopoulos.

Legislative authority is vested in one chamber, the "boule," consisting of 235 members, each of whom is elected for four years.

AREA AND POPULATION—Total area, 25,014 square miles. Population in 1909, 2,666,000 (estimated). Athens in 1907 had 167,479 inhabitants; Piraeus, 73,579, and Patras, 37,724.

EXPORTS AND IMPORTS—The total exports in 1910 amounted in value to \$27,508,900; imports, \$31,700,900. Exports to the United States in 1912, \$3,823,366; imports from the United States, \$966,641. The leading exports are currants, ores, olive oil and figs; imports, foodstuffs, textiles, coal and timber.

ITALY.

GOVERNMENT—King, Victor Emmanuel III.; heir to the crown, his son Humbert, prince of Piedmont, born Sept. 15, 1904.

President of Council and Minister of the Interior—Sig. Giolitti.

Foreign Affairs—Marquis A. di San Giuliano.

Grace and Justice—Sig. Finocchiaro.

Treasury—Sig. Tedesco.

Finance—Sig. Facta.

War—Sig. Spingardi.

Marine—Admiral Leonardi Cattolica.

Public Instruction—Sig. Credaro.

Public Works—Sig. Sacchi.

Agriculture, Industry and Commerce—Sig. Nitti.

Posts and Telegraph—Sig. Calissano.

Legislative authority rests in the king and parliament. The latter consists of a senate of 374 members (in 1911) and a chamber of deputies of 474 members.

AREA AND POPULATION—The area of Italy is 110,659 square miles. According to the census of June 10, 1911, the total population was 34,686,683. Population of the principal cities:

Naples	723,208	Florence	232,560
Milan	599,200	Catania	211,699
Rome	538,634	Bologna	172,639
Turin	427,733	Venice	160,727
Palermo	341,666	Messina	126,172
Genoa	272,077	Livorno	105,322

IMPORTS AND EXPORTS—The value of merchandise exported in 1911 was \$418,677,300; imported, \$648,112,000. The total value of exports to the United States in 1912 was \$48,028,529; imports from the United States, \$65,261,268. Chief imports are coal, cotton, grain, silk, wool, timber, machinery, sugar and oil; chief exports, silk, wine, oil, coral, sulphur, hemp and flax.

MONTENEGRO.

King, Nicholas I. Area, 3,630 square miles; population, 250,000; of the capital, Cetinje, 4,500. Total exports in 1910, \$498,200; imports, \$1,701,300. Montenegro has practically no trade with the United States. Chief exports are sumach, smoked sardines, cattle, sheep, goats, cheese, olive oil, wine and tobacco. Imports include petroleum, salt, maize, cottons, hardware, sugar, coffee and rice.

NORWAY.

GOVERNMENT—King, Haakon VII.; crown prince, Olaf.

President of Council and Minister of War—Gen. Bratke.

Foreign Affairs—J. Irgens.

Justice—Frederick Stang.

Commerce—O. A. Lindvig.

Agriculture—Erik M. Enge.

Labor—A. C. Braenne.

Finance—Frederick Know.

Education and Worship—A. J. Liljedahl.

Legislative authority is vested in the storting, consisting of 123 members elected for three years through universal suffrage by men and women. The storting consists of two houses, the odelsting and the lagting. The former is made up of three-fourths of the members of the storting and the latter of one-fourth.

AREA AND POPULATION—The total area of Norway is 124,130 square miles. Total population in December, 1910, 2,391,782. Christiania in 1910 had a population of 241,834 and Bergen 72,867.

IMPORTS AND EXPORTS—The value of the imports in 1910 was \$104,196,000; exports, \$71,135,000. Exports to the United States in 1912, \$8,251,718; imports, \$8,331,723. The chief exports are timber and wood manufactures, wood pulp, malted food, paper and minerals; imports, breadstuffs, groceries, yarn, textiles, vessels and machinery.

PORTUGAL.

GOVERNMENT—President, Manoel de Arriaga. Cabinet:

Premier and Minister of Foreign Affairs—Dr. A. Vasconcellos.

Interior—Senhor Falcao.

Justice and Colonies—Senhor Macieira.

Finance—Dr. Paes.

Public Works—Senhor E. Vasconcellos.

War—Lieut.-Col. Alberte da Silveira.

Marine—Senhor Celestino Almeida.

Legislative authority is vested in a national council of 164 members and an upper house of seventy-one members. The first elections were held May 28, 1911, and the assembly opened June 19. On the same day the republic was officially recognized by the United States.

AREA AND POPULATION—Total area, including Azores and Madeira, 35,490 square miles. Area of possessions in Africa and Asia, 801,060 square miles. The population of the home country with the Azores and Madeira in 1900 was 5,428,653; of the colonies in Africa and Asia, 9,213,707. In the same year Lisbon had a population of 356,099 and Oporto 167,955.

IMPORTS AND EXPORTS—Total imports in 1910, \$70,115,000; total exports, \$36,329,000. Imports from the United States in 1912, \$2,765,654; exports to the United States, \$6,200,190. The chief imports are foodstuffs, cotton, sugar, fish, wool, leather, coal and coffee; chief exports, wine, sardines, copper ore, olives and figs.

ROUMANIA.

GOVERNMENT—King, Carol I.; heir-apparent, Ferdinand, prince of Roumania.

Legislative authority is vested in a senate of 120 members elected for eight years and a chamber of deputies of 133 members elected for four years.

AREA AND POPULATION—The total area is 57,720 square miles. The population in 1899 was 5,956,690; estimated in 1900, 6,566,000. Population of the principal towns: Bucharest, 300,000; Jassy, 80,000; Galatz, 66,000; Braila, 60,000.

EXPORTS AND IMPORTS—The value of the exports in 1910 was \$79,075,000; of the imports, \$118,985,000. The chief exports are cereals and the leading imports are textiles. Exports to the United States in 1912, \$91,773; imports from, \$906,819.

RUSSIA.

GOVERNMENT—Czar, Nicholas II.; heir-apparent, Grand Duke Alexis.

Premier and Minister of Finance—F. Kokovtsoff.

Foreign Affairs—M. Sazonoff.

Interior—M. Makaroff.

Instruction—M. Kasso.

Imperial House and Domains—Gen. Baron de Friederiks.

Justice—M. Stcheglovitoff.

Agriculture—M. Krivosheyn.

Commerce—M. Timasheff.

Railways—M. Runkloff.

Controller—M. Kharitonoff.

Procureur of the Holy Synod—M. Sabler.

War—Gen. Soukominoff.

Navy—Vice-Admiral Grigorovich.

Minister of State for Finland—Gen. Langhoff.

Legislative authority is vested in the czar, duma and council of the empire.

AREA AND POPULATION—Area, 8,647,657 square miles. Total population in 1910, 163,778,800. Population of the principal cities:

St. Petersburg.....	1,907,708	Riga	318,400
Moscow	1,481,200	Kiev	468,712
Warsaw	781,179	Kharkov	221,193
Odessa	478,900	Saratov	197,822
Lodz	393,526	Vilna	184,582

IMPORTS AND EXPORTS—The total value of the imports in 1910 was \$558,490,000; of the exports, \$746,279,000. The exports to the United States in 1912 amounted in value to \$20,665,923; imports from the United States, \$21,515,660. The chief exports are foodstuffs, timber, oil, furs and flax; imports, raw cotton, wool, metals, leather, hides, skins and machinery.

SERBIA.

GOVERNMENT—King, Peter I. (Karageorgevitch); heir-apparent, Prince Alexander (second son). Legislative authority is vested in a single chamber, called "skupstina," of 160 elected members.

AREA AND POPULATION—Area, 18,650 square miles; population 1910, 2,911,701. The capital, Belgrade, has 90,890 inhabitants.

EXPORTS AND IMPORTS—Total value of exports in 1910, \$18,988,800; imports, \$16,146,200. Exports to the United States in 1912, \$695,042; imports, \$24,815. The exports are mainly agricultural products and animals and the imports cotton and woolen goods and metals.

SPAIN.

GOVERNMENT—King, Alfonso XIII.; heir-apparent, Prince Alfonso. Cabinet:

Premier—Count Alvaro de Romanones.

Foreign Affairs—Senor Garcia Prieto.

Interior—Senor Barroso.

Finance—Senor Reverter.

War—Gen. Luque.

Marine—Capt. Jose Pidal.

Public Works—Senor Villanueva.

Public Instruction—Duke of Alba.

Justice—Senor Mirauda.

AREA AND POPULATION—Total area, 194,783 square miles. Total population of Spain, census of 1910, 19,588,688. Population of large cities:

Madrid	571,539	Cartagena	96,983
Barcelona	560,000	Saragossa	105,788
Valencia	233,343	Bilbao	92,514
Seville	155,366	Granada	77,425
Malaga	133,045	Cadiz	67,174
Murcia	124,985	Valladolid	67,742

IMPORTS AND EXPORTS—The exports of Spain in 1910 amounted to \$174,693,000; imports, \$180,007,000. Total exports to the United States in 1912, \$21,931,434; imports, \$25,057,251. Chief exports are wine, sugar, timber, animals, glassware and pottery; imports, cotton and cotton manufactures, machinery, drugs and chemical products.

SWEDEN.

GOVERNMENT—King, Gustaf V.; crown prince, Gustaf Adolf.

Minister of State—K. Staaf.

Foreign Affairs—Count Albert Ahrensvard.

War—D. K. Bergstrom.

Finance—Baron A. T. Adelswaerd.

Marine—Jacob Larsson.

Education—Dr. F. Berg.

Interior—P. A. V. Schotte.

Agriculture—Alfred Pettersson.

Justice—Gustaf Sandstrom.

Legislative authority is vested in a parliament of two chambers, the first of which has a membership of 150 and the second 280. Members of the upper house are elected for nine years and those of the lower for three years. The first chamber is elected by municipal representatives. To be eligible one must own real estate worth at least 80,000 crowns or pay taxes on an income of at least 4,000 crowns. The second chamber constituents must have an income of at least 800 crowns or own real estate worth at least 1,000 crowns.

AREA AND POPULATION—The total area of Sweden is 172,876 square miles. The population Dec. 31, 1910, was 5,521,943. The population of the principal cities at the same time was:

Stockholm	341,986	Norrkoping	46,416
Göteborg	167,813	Helsingborg	33,348
Malmö	88,158		

IMPORTS AND EXPORTS—The total exports in 1910 were valued at \$158,888,000; imports, \$179,998,000. Exports to the United States in 1912, \$9,521,755; imports, \$9,451,011. The leading articles of export are timber and machinery; of import, textile goods and foodstuffs.

SWITZERLAND.

GOVERNMENT—President of Federal Council (1912), M. Louis Farrer.

Vice-President—M. E. Muller.

Legislative authority is vested in a state and a national council, the former having forty-four and the latter 167 members. The national councilors are elected directly by the people; the state councilors are elected in some cantons by the people and in others by the cantonal legislature. The chief executive authority is vested in the bundesrath, or federal council, one member of which is the chief of one of the federal departments. Its decrees are enacted as a body. Its members are elected president in rotation.

Switzerland owns its main railroads, its telegraph and telephone system and monopolizes the manufacture and sale of alcohol.

AREA AND POPULATION—Total area, 15,976 square miles. The population, according to the census of Dec. 1, 1910, was 3,741,971. Population of the largest cities:

Zurich	189,088	Bern	85,264
Basel	131,914	Lausanne	63,926
Geneva	125,520	St. Gallen	37,657

EXPORTS AND IMPORTS—Total exports in 1911, \$179,725,373; imports, \$259,997,052. Exports to the United States in 1912, \$23,958,697; imports, \$855,355. The articles chiefly exported are cottons, silks, clocks and watches; imported, foodstuffs, silk, minerals and metals, clothing and animals.

THE NETHERLANDS.

GOVERNMENT—Queen, Wilhelmina; prince consort, Henry of Mecklenberg-Schwerin; heir, Princess Juliana. Cabinet:

Prime Minister and Minister of the Interior—Mr. Th. Heemskerck.

Foreign Affairs—Jonkheer Dr. R. de Marees van Swinderen.

Agriculture, Commerce, Industry and Labor—A. S. Taima.

War—M. Colijn.

Navy—Capt. J. Hentholt.

Justice—Dr. E. R. H. Regout.

Finance—Mr. J. C. M. Kolkman.

Colonies—J. H. de Waal Malefyt.

Waterways—Dr. L. H. W. Regout.

Legislative authority is vested in the states-general, composed of two chambers, the first having fifty members and the second 100. The latter are elected directly and the former by the provincial states.

AREA AND POPULATION—The area of Holland, or the Netherlands, is 12,648 square miles. The total population Dec. 31, 1910, was 5,945,155. That of the chief cities Dec. 31, 1910, was:

Amsterdam	573,983	Groningen	75,341
Rotterdam	426,888	Haarlem	69,594
The Hague	280,515	Arnhem	64,163
Utrecht	120,208	Leiden	59,114

IMPORTS AND EXPORTS—In 1910 Holland imported \$1,299,341,000 worth of merchandise and exported \$1,253,575,000. In 1912 the exports to the United States amounted to \$35,568,436 and the imports from the same country to \$103,702,559. Chief imports are iron and steel and their manufactures, textiles, coal, cereals and flour; exports, butter, sugar and cheese.

TURKEY.

GOVERNMENT—Sultan, Mehmed V. Cabinet: Grand Vizier and President of Council of State—Kiamil Pasha.

Sheik-ul-Islam—Djemal-ed-din Effendi.

Minister of the Interior—Fevdi Pasha.

Foreign Affairs—Gabriel Effendi Nuradughian.

War—Nazim Pasha.

Marine—Mahmud Mukhtar Pasha.

Finance—Zia Bey.

Public Instruction—Said Bey.

Religious Foundation and Justice—Hilmi Pasha.

A constitutional form of government was adopted July 24, 1908, with legislative authority vested in a parliament.

AREA AND POPULATION—The area of that part of Turkey under the direct control of the sultan is 1,157,860 square miles; of the whole empire, including tributary and subject states, 1,565,020 square miles. The total population of all parts of the

empire is \$5,414,300, of whom 24,813,700 are in Turkey proper. Constantinople has about 1,203,000 inhabitants.

EXPORTS AND IMPORTS—The total exports in 1910 amounted in value to \$90,992,200 and the imports to \$166,912,250. The exports to the United States in 1912 amounted to \$9,852,709 in value and the imports to \$2,597,239. The principal articles imported are cloth and clothing, sugar, coffee, flour, rice and manufactures of iron; exports, grapes, silk, grain, cocoons, wool, cotton, carpets, hides and skins.

ASIA.

AFGHANISTAN.

Ameer, Habibullah Khan; population, about 5,900,000; area, 250,000 square miles. No statistics as to imports and exports of Afghanistan are available. The chief productions are preserved fruits, spices, wool, silk, cattle and tobacco.

BOKHARA.

Ameer, Sayid Mir Alim Khan; heir, Sayid Mir Ibrahim. The area of Bokhara is about 83,000 square miles and the population 1,250,000. The products are corn, tobacco, fruit, silk and hemp. Since 1873 Bokhara has been a dependency of Russia.

CHINA.

GOVERNMENT—(See Revolution in China).

AREA AND POPULATION—Total area of China, with dependencies, 4,277,170 square miles; estimated population, 433,553,030.

EXPORTS AND IMPORTS—The total exports in 1911 amounted to \$245,538,000 and the imports to \$306,812,000. During the fiscal year 1912 goods to the value of \$25,286,640 were imported from the United States. The total exports in the same period to the United States amounted to \$30,459,700. The articles imported from America consist mainly of flour, kerosene, sugar, India rubber shoes, ginseng, quick-silver, white shirting, drills and broadcloth. Among the leading exports are tea, furs, wool, mats, fans, essential oils, straw braid, silks, hair, hides, hemp.

JAPAN.

GOVERNMENT—Emperor, Yoshihito; crown prince, Hirohito. Cabinet:

Premier—Marquis Saloni.

Finance—Tatsuo Yamamoto.

Foreign Affairs—Viscount Yasuya Uchida.

War—Gen. Uehara.

Navy—Vice-Admiral Saito.

Justice—Masahisa Matsuda.

Education—Sumitaka Haseba.

Agriculture and Commerce—Baron N. Makino.

Interior—Keia Hara.

Communications—Count T. Hayashi.

Legislative authority is vested in the emperor and the imperial diet. This consists of the house of peers and the house of representatives, the former having 364 and the latter 379 members.

AREA AND POPULATION—The total area of Japan is 175,540 square miles. The population according to the census of Dec. 31, 1911, was 51,591,342, exclusive of Formosa, the Pescadores and the south half of Sakhalin. The total population is close to 54,000,000. Cities having more than 100,000 inhabitants are:

Tokyo (1908).....	2,186,079	Kobe.....	378,197
Osaka.....	1,226,580	Nagasaki.....	176,480
Kyoto.....	442,462	Hiroshima.....	142,763
Yokohama.....	394,303	Kanafawa.....	110,994
Nagoya.....	378,231	Kure.....	100,679

IMPORTS AND EXPORTS—The total imports in 1910 amounted in value to \$191,159,000; exports, \$226,636,000. In 1912 the imports from the United States were valued at \$43,478,046, and the exports to the same country at \$80,607,469. The chief exports are raw silk, cotton, yarn, copper, coal and tea; imports, sugar, cotton, iron and steel, machinery, petroleum and wool.

KOREA.

Formerly an empire, but now a Japanese colony. Estimated area, 86,000 square miles. Population in 1911, 13,125,027. Seoul, the capital, has 278,958 inhabitants.

KHIVA.

Khan, Seyid Asfendiar Khen; heir-apparent, Nasyr Tycuara; area, 24,000 square miles; population 800,000. Products are cotton and silk. Khiva is a Russian vassal state.

PERSIA.

Shah or emperor, Sultan Ahmad Shah; regent, Ali Reza Khan, Abul Kassim Khan. Under constitution granted in 1906 legislative authority is vested in a national council of 156 members and a senate of sixty members. The area of Persia is about 628,000 square miles and the population 9,500,000. Imports in 1910-1911, \$96,900,000; exports, \$75,085,400. Imports from the United States in 1912, \$123,050; exports to, \$1,226,093. Teheran, the capital, has a population of about 280,000. Chief among the products are silk, fruits, wheat, barley and rice.

SIAM.

King, Chofa Maha Vajirvudh. Area, 195,000 square miles; population is estimated at 6,500,000. Bangkok, the capital, has 628,675 inhabitants. The imports in 1910-1911 were \$26,065,000, and the exports \$41,620,000. Imports from the United States in 1912, \$428,035; exports to, \$85,166. Chief among the exports are rice, teak and marine products; imports, cotton goods and opium.

AFRICA.

ABYSSINIA.

Emperor, Lidlj Ebyssu. Total area of Abyssinia about 200,000 square miles; population, 10,000,000. The exports are coffee, hides and skins, gum, wax, gold and ivory.

ALGERIA.

Algeria is a colony of France. Governor-General—M. Lutaud. Area, 343,500 square miles; population in 1911, 5,563,828. Chief imports are cotton, skins and furs and wood work; exports, wine, sheep, and cereals.

EGYPT.

Khedive, Abbas Hilmi; heir-apparent, Mohammed Abdul Mounelm. Total area of Egypt, 400,000 square miles; area of the Egyptian Sudan, 950,000 square miles. The population of Egypt proper in 1907 was 11,287,395; of the Egyptian Sudan, 10,000,000. Population of Cairo, 544,476; Alexandria, 332,246. Great Britain controls the state finances and is represented at Cairo by a "financial adviser," who sits in the council of ministers. The present adviser is Field Marshal Lord Kitchener. The total exports in 1911 were valued at \$142,994,900 and the imports at \$136,135,500. Imports from the United States in 1912, \$1,751,203; exports to, \$17,364,114. The exports consist chiefly of cereals, raw cotton and provisions; imports, wool, coal, textiles and metal manufactures.

KONGO.

The Kongo was made a Belgian colony in 1908. The estimated area is 909,654 square miles and the negro population about 15,000,000. Europeans numbered 3,399 in January, 1910. Among the leading articles of export are ivory, rubber, cocoa, palm nuts, palm oil, copal gum and coffee. Total imports in 1910, \$16,164,900; exports, \$22,440,150.

LIBERIA.

President—Daniel E. Howard. Legislative power is vested in a senate of nine members and a house of representatives of fourteen members. The total area of the republic is about 40,000 square miles and the population 2,120,000. The exports in 1909 were valued at \$970,500 and the imports at \$1,065,200. Imports from the United States in 1912, \$84,386; exports to, \$864. The chief exports are rubber, palm oil, cocoa, coffee, ivory, ginger and camwood. Imports are cottons, provisions, wood and iron manufactures and gin.

MOROCCO.

Sultan, Mulai Youssef. Morocco is a French protectorate. Area about 219,000 square miles; population, 5,000,000. Total imports in 1910, \$20,960,140; exports, \$11,324,600. Imports from the United States in 1912, \$32,337; exports to, \$136,954. The chief imports are cotton, sugar and tea; exports, eggs, almonds, goatskins, beans, peas, linseed, wool, wax and cattle.

TUNIS.

Bey, Sidi Mohammed; heir-presumptive, Sidi Mohammed Ben Mamoun Bey. Tunis is under the protectorate of France and that country is represented by a resident-general. Total area, 50,000 square miles; population in 1910, 1,923,217, including 124,732

foreigners. Imports in 1910, \$21,099,400; exports, \$24,080,200. Chief exports are wheat, barley, olives and palms.

MEXICO.

GOVERNMENT—The republic of Mexico is divided into twenty-seven states, three territories and one federal district, each with a local government, but all subject to the federal constitution. Representatives are elected for two years each and are apportioned at the rate of one for each 40,000 inhabitants; the senators, of whom there are fifty-six, are elected by the people in the same manner as representatives. The president holds office four years and may be elected for several consecutive terms.

President—Francisco I. Madero.

Vice-President—Jose Pino Suarez.

AREA AND POPULATION—The total area, including islands, is 767,005 square miles. The population, according to the federal census of 1910, is 15,063,207. The population of leading cities of the republic follows: City of Mexico (capital), 470,659; Guadalajara, 118,799; Puebla, 101,214; Monterey, 81,006; San Luis Potosi, 82,946; Pachuca, 38,620; Aguas Calientes, 44,800; Zacatecas, 25,905; Durango, 34,085; Toluca, 31,247; Leon, 63,263; Merida, 61,999; Queretaro, 35,011; Morelia, 39,116; Oaxaca, 37,469; Orizaba, 32,894; Chihuahua, 39,061; Vera Cruz, 29,164.

COMMERCE—The chief exports of Mexico are precious metals, coffee, tobacco, hemp, sisal, sugar, dyewoods and cabinet woods, cattle and hides and skins. In 1911 the total exports amounted to \$146,289,900; total imports for the same year were \$102,525,000. The trade of Mexico is chiefly with the United States, Great Britain, France, Germany and Spain. In 1912 the imports from the United States were \$52,847,129; exports to, \$65,915,313.

SOUTH AMERICAN REPUBLICS.

ARGENTINA.

President, Senor Saenz Pena; capital, Buenos Aires. Area, 1,135,840 square miles. Population (1910), 7,091,822. Buenos Aires, 1,329,607. Total exports in 1911, \$324,697,500; imports, \$366,810,600. Exports to the United States in 1912, \$29,847,016; imports, \$53,158,179. Chief exports, sheep, wool, cattle, hides, frozen meats and wheat; imports, machinery, agricultural implements, railway cars, engines and supplies and manufactures of iron and steel.

BOLIVIA.

President, Senor Elidoro Vilazon; capital, Sucre. Area, 708,195 square miles. Population (1910), 2,267,935; LaPaz, 78,856; Chocachamba, 24,512; Sucre, 23,416. Total exports in 1910, \$29,080,957; imports, \$18,135,000. Exports to the United States in 1912, \$9,884; imports, \$991,525. Chief exports, silver, tin, copper, coffee, rubber; imports, provisions, clothing, hardware, spirits, silks and woolsens.

BRAZIL.

President, Marshal Hermes da Fonseca; capital, Rio de Janeiro. Area, 3,218,991 square miles. Population (1908), 17,318,556; Rio de Janeiro (1909), 1,139,662; Sao Paulo (1902), 332,000; Bahia, 230,000; Pernambuco, 120,000. Exports (1910), \$307,035,000; imports, \$232,969,000. Exports to the United States in 1912, \$123,881,644; imports, \$34,678,081. Chief exports, coffee, sugar, tobacco, cotton and rubber; imports, cotton goods, manufactures of iron and steel, furniture, mineral oils, breadstuffs and provisions.

CHILE.

President, Ramon Barros Leco; capital, Santiago. Area, 292,580 square miles. Population in 1910, 3,329,030; Santiago, 378,000; Valparaiso, 175,000; Concepcion, 60,676. Total exports in 1911, \$123,854,000; imports, \$127,381,000. Exports to the United States in 1912, \$20,164,848; imports, \$15,491,846. Chief exports, nitrate, wool, hides, leather; imports, sugar, coal, cotton goods, cashmeres, oil, galvanized iron.

COLOMBIA.

President, Carlos E. Restrepo; capital, Bogota. Area, 435,100 square miles. Population in 1908, 4,313,000. Total exports (1910), \$17,625,152; total imports, \$17,025,637. Exports to the United States in 1912, \$11,219,481; imports, \$5,748,859. Chief exports,

gold, silver and other minerals, coffee, cocoa, cattle, sugar, tobacco and rubber; imports, manufactures of iron and steel, cotton goods.

ECUADOR.

President, Gen. Leonidas Plaza; capital, Quito. Area, 110,000 square miles. Population, 1,500,000; Quito, 70,000; Guayaquil, 80,000. Total exports in 1910, \$13,666,371; imports, \$3,024,105. Exports to the United States in 1912, \$3,728,933; imports, \$2,143,605. Chief exports, coffee, cocoa, rice, sugar, rubber, cabinet woods, chemicals and minerals; imports, cotton, provisions, manufactures of iron and steel, clothing and mineral oils.

PARAGUAY.

President, Edouardo Schaerer; capital, Asuncion. Area, 171,204 square miles. Population (1910), 752,000. Asuncion (1910), 84,000. Total exports in 1910, \$4,419,497; imports, \$5,374,837. Exports to the United States in 1912, \$9,433; imports, \$161,661. Chief exports, mate (or Paraguay tea), tobacco, hides, timber, oranges; imports, cotton goods, machinery and provisions.

PERU.

President, Guillermo Billinghurst; capital, Lima. Area, 695,733 square miles. Population (1908), 4,500,000; Lima, 140,884; Callao, 31,000. Total exports in 1910, \$31,144,250; imports, \$22,508,021. Exports to the United States in 1912, \$10,124,069; imports, \$5,522,459. Chief exports, cotton, coffee, sugar, cinchona, india rubber, dyes and medicinal plants; imports, woollens, cotton, machinery and manufactures of iron.

URUGUAY.

President, Senor Don Jose Battle y Ordonez; capital, Montevideo. Area, 72,210 square miles. Population (1909), 1,094,688; Montevideo (1909), 291,465. Total exports in 1911, \$47,411,998; imports, \$46,050,816. Exports to the United States in 1912, \$3,231,676; imports, \$6,880,320. Chief exports, agricultural products; imports, manufactured articles.

VENEZUELA.

President, Juan Vicente Gomez; capital, Caracas. Area, 393,976 square miles. Population (1911), 2,713,703; Caracas, 75,000. Total exports in 1911, \$22,684,000; imports, \$18,395,000. Exports to the United States in 1912, \$10,657,939; imports, \$4,703,005. Chief exports, coffee, hides, cabinet woods, rubber and chemicals; imports, machinery, manufactures of iron and steel, provisions, furniture and mineral wools.

CENTRAL AMERICAN STATES.

COSTA RICA.

President, Don Ricardo Jimenez; capital, San Jose. Area, 23,000 square miles. Population (1910), 379,533; San Jose, 29,650. Total exports (1910), \$8,644,505; imports, \$8,155,601. Exports to the United States in 1912, \$3,817,871; imports, \$3,647,187. Chief exports, coffee and bananas; imports, cotton, machinery, iron and steel manufactures, woollens and worsteds.

GUATEMALA.

President, Manuel E. Cabrera; capital, Guatemala de Nueva. Area, 45,290 square miles. Population (1910), 1,992,000; of the capital, 125,000. Total exports (1909), \$6,756,143; imports, \$5,251,317. Exports to the United States in 1912, \$2,644,037; imports, \$2,519,052. Chief exports, coffee and bananas; imports, cotton and cereals.

HONDURAS.

President, Don Manuel Bonilla; capital, Tegucigalpa. Area, 46,250 square miles. Population (1910), 553,446; Tegucigalpa, 34,692. Total exports (1910), \$2,571,916; imports, \$3,019,416. Exports to the United States in 1912, \$2,780,972; imports, \$2,461,269. Chief exports, bananas, coffee, cattle, coconuts and wood; chief import, cotton.

NICARAGUA.

President, Senor Adolfo Diaz; capital, Managua. Area, 49,200 square miles. Population, 600,000; Managua, 34,872; Leon, 62,569. Total exports (1909), \$3,989,428; imports, \$2,583,257. Exports to the United States in 1912, \$1,505,147; imports, \$2,486,878. Chief exports, cattle and coffee; imports, flour, wine, beer, barbed wire, cotton goods, sewing machines, kerosene, calico and tallow.

PANAMA.

President, Dr. Belisario Porras; term expires Sept. 30, 1916. Independence of Panama declared Nov. 3, 1903; constitution adopted Feb. 13, 1904. Legislative power is vested in a national assembly composed of deputies elected by the people. The ratio of representation is one deputy for each 10,000 inhabitants. The term of office is four years. The area of the republic is 31,571 square miles and the population (1910), 336,742; city of Panama (1910), 35,368; Colon, 17,748. The exports to the United States in the fiscal year ended June 30, 1912, amounted to \$4,425,044, and the imports to \$23,547,869. The chief articles of export are bananas, rubber, coffee and pearls.

SALVADOR.

President, Dr. Manuel E. Araujo; capital, San Salvador. Area, 7,225 square miles. Population (1910), 1,070,556; San Salvador, 59,540. Total exports (1910), \$7,297,836; imports, \$3,745,249. Exports to the United States in 1912, \$1,519,954; imports, \$2,421,284. Chief exports, coffee, indigo, sugar, tobacco and balsams; imports, cotton, spirits, flour, iron goods, silk and yarn.

CUBA.

GOVERNMENT—President, Gen. Mario Menocal; vice-president, Enrique Jose Varona; terms expire May 20, 1917. Cabinet officers in 1912:

Secretary of State—Manuel Sanguily.
Secretary of Treasury—Rafael M. Ortiz.
Secretary of Justice—Jesus M. Barraque.
Secretary of Government—Gen. Gerardo Machado.
Secretary of Public Works—Joaquin Chalons.
Secretary of Public Instruction—Mario Garcia Kohly.

Secretary of Agriculture, Commerce and Industry—Emilio del Junco.

Secretary of Sanitation—Dr. Manuel V. Suarez.
Under the constitution the legislative power is exercised by two elective bodies—the house of representatives and the senate, conjointly called congress. The senate is composed of four senators from each of the six provinces, elected for eight years by the provincial councilmen, and by a double number of electors, constituting together an electoral board.

The house of representatives is composed of one representative for each 25,000 inhabitants or fraction thereof over 12,500, elected for four years by direct vote. One-half of the members of the house are elected every two years. The salary of members of congress is \$3,600 a year.

THE MONROE AND DRAGO DOCTRINES.

The "Monroe doctrine" was enunciated by President Monroe in his message to congress Dec. 2, 1823. Referring to steps taken to arrange the respective rights of Russia, Great Britain and the United States on the northwest coast of this continent, the president went on to say:

"In the discussions to which this interest has given rise, and in the arrangements by which they may terminate, the occasion has been deemed proper for asserting, as a principle in which the rights and interests of the United States are involved, that the American continents, by the free and independent condition which they have assumed and maintain, are henceforth not to be considered as subjects for future colonization by any European power. * * * We owe it, therefore, to candor and to the amicable relations existing between the United States and those powers to declare that we should consider any attempt on their part to extend their system to any portion of this hemisphere as dangerous to our peace and safety. With the existing colonies or dependencies of any European power we have not interfered and shall not interfere. But with the governments who have declared their independence and maintain it, and whose independence we have, on great consideration and on just principles, acknowledged, we could not view any interposition for the purpose of oppressing them or controlling in any other manner their destiny by any European power in any other light than as the manifestation of an unfriendly disposition toward the United States."

ORGANIZATION OF THE REPUBLIC—The organization of the republic of Cuba, begun in 1900, was practically completed on the 20th of May, 1902, when the military occupation of the island by the United States came to an end and Gen. Tomas Estrada Palma was inaugurated as the first president.

AREA AND POPULATION—The total area of Cuba is 44,164 square miles. The population in 1910, when the last census was taken, was 2,220,278.

Population of provinces (1910):

Havana	575,266	Pinar del Rio.....	254,620
Santa Clara.....	514,325	Matanzas	260,060
Oriente	480,667	Camaguey	135,340

Population of principal cities in 1910:

Havana	319,884	Colon	52,006
Cienfuegos	70,416	Holguin	50,224
Camaguey	66,460	Pinar del Rio.....	50,071
Matanzas	64,385	Santa Clara.....	46,620
Manzanillo	54,909	Guantanamo	43,300
Santiago	53,614	Gibara	39,343

About 70 per cent of the population is white.

IMPORTS AND EXPORTS—The total imports in 1911 (calendar year) amounted to \$113,056,000 and the exports to \$122,944,000. The imports from the United States in 1912 were valued at \$62,203,051 and the exports at \$120,154,326. The principal articles of export are sugar, tobacco and cigars, iron and manganese ore, fruit, coffee, cocoa, molasses and sponges; of import, animals, breadstuffs, coal and coke, iron and steel, wood, liquor, cotton, chemicals and vegetables.

HAITI.

President, Gen. Tancredi Auguste. The area of Haiti is 10,204 square miles and the population about 2,029,700. Coffee, cocoa and logwood are the leading articles sold. Total exports (1909), \$11,008,433; imports, \$5,712,513. Exports to the United States in 1912, \$800,178; imports, \$7,263,071.

SANTO DOMINGO.

President, Eladio Victoria. The republic has an area of 18,035 square miles and a population of (1908) 673,611. Santo Domingo, the capital, has 18,626 inhabitants. In 1910 the exports amounted to \$10,924,371 and the chief articles shipped were coffee, cocoa and mahogany; imports, \$2,047,410. Exports to the United States in 1912, \$4,335,070; imports, \$4,425,482.

DRAGO DOCTRINE.

When in the winter of 1902-03 Germany, Britain and Italy blockaded the ports of Venezuela in attempt to make the latter country settle up its debts Dr. L. F. Drago, a noted jurist of Argentina, maintained that force cannot be used by one power to collect money owing to its citizens by another power. Prominence was given to the contention by the fact that it was officially upheld by Argentina and favored by other South American republics. The principle embodied has become generally known as the "Drago doctrine."

LODGE RESOLUTION.

In connection with the reported attempt of Japan to obtain land for the establishment of a naval base in Magdalena bay, on the western coast of Mexico, the senate of the United States adopted the following resolution Aug. 2, 1912:

"Resolved, That when any harbor or other place in the American continents is so situated that the occupation thereof for naval or military purposes might threaten the communications or the safety of the United States, the government of the United States could not see without grave concern the possession of such harbor or other place by any corporation or association which has such relation to another government, not American, as to give that government practical power of control for national purposes."

COLONIES AND DEPENDENCIES OF NATIONS.

AUSTRIA-HUNGARY.			Sq. miles.	Population.
Bosnia and Herzegovina.....	19,768	1,898,044		
BELGIUM.				
Belgian Kongo.....	909,654	15,000,000		
CHINA.				
Chinese Turkestan.....	550,330	1,200,000		
Manchuria.....	363,610	16,000,000		
Mongolia.....	1,367,600	2,600,000		
Tibet.....	463,200	6,500,000		
DENMARK.				
Greenland.....	46,740	11,893		
Iceland.....	39,756	85,089		
West Indies.....	138	27,086		
FRANCE.				
Algeria.....	343,500	5,231,850		
Annam.....	52,100	6,128,000		
Cambodia.....	45,000	1,800,000		
Cochin China.....	20,000	2,968,600		
Comoro isles.....	620	86,000		
Guadeloupe.....	689	182,110		
Guiana.....	34,060	39,349		
India, French.....	196	277,000		
Kongo, French.....	669,280	5,000,000		
Laos.....	98,400	650,000		
Madagascar.....	226,015	2,701,000		
Martinique.....	378	182,000		
Mayotte.....	140	11,610		
New Caledonia.....	7,200	55,800		
Reunion.....	970	201,000		
Sahara.....	1,544,000	800,000		
St. Pierre and Miquelon.....	96	6,000		
Small coast.....	5,790	180,000		
Tahiti, etc.....	1,544	30,000		
Tonguin.....	46,400	10,000,000		
Tunis.....	45,779	1,500,000		
West Africa, French:				
Dahomey.....		749,000		
Guinea.....		1,498,000		
Ivory coast.....		890,000		
Mauretania.....		400,000		
Senegal.....		915,000		
Upper Senegal-Niger.....		4,415,000		
GREAT BRITAIN.				
Aden, Perim, Socotra.....	10,387	57,859		
Ascension.....	34	400		
Australia.....	3,065,120	4,727,005		
Bahamas.....	4,404	55,944		
Barbados.....	166	171,982		
Basutoland.....	10,293	405,832		
Bethuanaland.....	275,000	126,350		
Bermuda.....	19	18,994		
Borneo and Sarawak.....	73,106	700,000		
British Guiana.....	90,500	296,041		
British Honduras.....	8,598	40,510		
British New Guinea.....	90,540	272,057		
Canada.....	3,729,665	7,204,527		
Cape of Good Hope.....	276,995	2,563,024		
Ceylon.....	25,330	4,109,054		
Cyprus.....	3,584	273,857		
East Africa protectorate.....	202,000	2,295,336		
Falkland islands.....	6,500	2,272		
Federated Malay States.....	27,700	1,035,933		
Fiji.....	7,740	139,541		
Gambia.....	3,619	160,807		
Gibraltar.....	2	19,596		
Gold Coast.....	80,000	1,502,898		
Hongkong.....	405	365,145		
India.....	1,778,088	314,955,240		
Jamaica.....	4,207	831,383		
Leeward islands.....	701	127,189		
Malta.....	117	228,442		
Mauritius.....	860	374,625		
Natal.....	35,371	1,191,958		
Newfoundland-Labrador.....	162,734	242,966		
New Zealand.....	104,751	1,071,428		
Northern Nigeria.....	256,400	8,069,071		
Nyasaland.....	39,801	970,199		
Orange Free State.....	50,392	526,392		
Rhodesia.....	439,575	1,770,871		
St. Helena.....		47		3,477
Seychelles.....		156		22,620
Sierra Leone.....		30,000		1,400,000
Solomon and Tonga islands.....		12,556		210,000
Somaliland.....		68,000		302,859
Southern Nigeria.....		77,260		7,836,189
Straits Settlements.....		1,630		707,523
Swaziland.....		6,536		99,959
Transvaal.....		110,426		1,676,611
Trinidad and Tobago.....		1,868		330,074
Turks and Caicos islands.....		166		5,615
Uganda.....		223,500		3,508,564
Welhaiwei.....		285		147,133
Windward islands.....		672		329,246
Zanzibar.....		1,020		197,199
GERMANY.				
Bismarck archipelago.....	20,000	189,000		
Caroline islands.....	560	55,446		
German East Africa.....	384,180	10,032,000		
German New Guinea.....	95,160	322,300		
German Southwest Africa.....	322,450	83,900		
Kamerun.....	191,130	2,303,200		
Kiauchau.....	200	33,000		
Samoa islands.....	1,000	33,500		
Togoland.....	35,700	1,000,000		
ITALY.				
Eritrea.....	45,800	450,000		
Somaliland.....	139,430	400,000		
Tripoli*.....	406,000	1,300,000		
*Annexed in 1912.				
JAPAN.				
Formosa.....	13,458	3,392,063		
Korea.....	86,000	13,125,027		
Kwantung.....	1,256	462,399		
Pescadores.....	50	55,410		
Sakhalin.....	12,560	35,823		
NETHERLANDS.				
Ball and Lombok.....	4,065	523,535		
Bance.....	4,440	115,130		
Billiton.....	1,363	36,858		
Borneo.....	212,737	1,233,655		
Celebes.....	72,010	851,905		
Curacao.....	403	52,758		
Dutch Guiana.....	46,060	78,124		
Java and Madura.....	50,554	30,098,008		
Molucca islands.....	43,864	407,906		
New Guinea.....	151,789	200,000		
Riau-Lingga archipelago.....	16,301	112,216		
Sumatra.....	161,812	4,029,603		
Timor.....	17,698	308,600		
PORTUGAL.				
Angola.....	484,800	4,119,000		
Cape Verde islands.....	1,480	147,424		
Damao, Diu.....	169	55,285		
East Africa.....	293,400	3,120,000		
Goa.....	1,469	475,513		
Guinea.....	13,940	820,000		
Macao, etc.....	4	63,991		
Prince's and St. Thomas.....	360	42,103		
Timor.....	7,330	300,000		
RUSSIA.				
Bokhara.....	83,000	1,250,000		
Khiva.....	24,000	800,000		
SPAIN.				
Fernando Po, etc.....	814	23,844		
Rio de Oro and Adrar.....	73,000	12,000		
Spanish Guinea.....	12,000	200,000		
TURKEY.				
Crete.....	3,365	342,151		
Samos.....	180	53,424		
Egypt.....	400,000	11,139,978		
UNITED STATES.				
Alaska.....	590,884	64,356		
Guam.....	210	9,000		
Hawaii.....	6,449	191,909		
Panama canal zone.....	474	50,000		
Porto Rico.....	3,435	1,118,012		
Philippines.....	115,026	7,635,426		
Samoa islands.....	77	6,100		

GREAT FIRE IN DAMASCUS, SYRIA.

The extensive bazaar or business district of Damascus in Syria, Asiatic Turkey, was destroyed by fire April 26-27, 1912. Several persons were killed and many were injured, while the loss on property

was estimated at about \$10,000,000. Damascus is one of the holy cities of the Mohammedans and has often figured in history.

UNITED STATES CUSTOMS DUTIES.

Following are the existing tariff rates placed by the Payne-Addrich act on articles in common use or of extensive importation. The chief items on the free list are included. Amounts given in dollars and cents are specific and the percentages are ad valorem duties. The abbreviation "n. s. p." means not specially provided for.

Agricultural implements, 15%.
Albums, 25%.
Alcohol, \$2.60 proof gal.
Aluminum, crude, 7c lb.; plates, etc., 11c lb.
Ammonia, 1½c lb. to 5c lb.
Animals, n. s. p., 20%; cattle, less than 1 year old, \$2 per head; other cattle, value \$14 or less, \$3.75 head; value over \$14, 27½%; swine, \$1.50 a head; horses and mules, value \$150 or less, \$30 a head; value over \$150, 25%; sheep, 1 year or more old, \$1.50 a head; under 1 year, 75c head.
Apples, green, 25c bu.; dried, 2c lb.
Art, works of, such as painting and statuary, 15%; more than twenty years old, free.
Bacon and hams, 4c lb.
Barley, 30c bu. of 48 lbs.; malt, 45c bu. of 45 lbs.
Barrels, casks, empty, 30%.
Baskets, 35% to 40%.
Bay rum, \$1.75 gal.
Beaded fabrics, not wool, 60%; wool, 55c lb. and 60%.
Beads, not strung, 35%; in jewelry, 60%.
Beans, 45c bu. of 60 lbs.
Beef, fresh, 1½c lb.
Beets, 25%; sugar beets, 10%.
Birds, free; dressed for ornaments, 60%.
Biscuits, bread, n. s. p., 20%.
Blacking, 25%.
Blank books, n. s. p., 25%.
Blankets, 22c lb. and 30% to 44c lb. and 55%.
Bone, manufactures of, n. s. p., 35%.
Books, 25%; printed more than twenty years, free.
Boots and shoes (leather), 10%.
Borax, 2c lb.
Bottles, glass, ornamented, 60%.
Braids, wool, 55c lb. and 60%; silk, cotton, flax, 60%; grass, straw, 15% to 20%.
Brick, fire, \$1.25 ton to 35%.
Bristles, 7½c lb.
Bronze, manufactures of, 45%.
Brushes, 40%.
Buckwheat, 15c bu of 48 lbs.
Buggies, carriages, 45%.
Butter and substitutes for, 6c lb.
Buttons, 1-12c to 1½c per line per gross and 15%; buttons, n. s. p., 50%.
Cabbages, 2c each.
Cameras, 45%.
Camphor, 6c lb.
Carbons for electric lights, 35c to 65c per 100 ft.; carbon pots, 20%.
Cards, playing, 10c per pack and 20%.
Carpets, Axminster, moquette, chenille, Saxony, Wilton, Tournay, 60c sq. yd. and 40%; Brussels, 44c sq. yd. and 40%; velvet and tapestry velvet, 40c sq. yd. and 40%; tapestry Brussels, 28c sq. yd. and 40%; three-ply ingrain, 22c sq. yd. and 40%; two-ply ingrain, 18c sq. yd. and 40%; woven whole for rooms, 10c sq. yd. and 40%; carpets of wool, flax or cotton and mats and rugs of cotton, 50%.
Cash registers, 30%.
Castor oil, 35c gal.
Cement, hydraulic, in barrels, 8c 100 lbs.; in bulk, 7c 100 lbs.; other cement, 20%.
Chalk, prepared, 1c lb.; manufactures of, n. s. p., 25%.
Charcoal, 25%.
Charts, paper, n. s. p., 25%.
Cheese, 6c lb.
China, decorated, 60%; not decorated, 55%.
Chloroform, 10c lb.
Chocolate or cocoa, value not above 15c lb., 2½c lb.; above 15c and not above 24c lb., 2½c lb. and 10%; above 24c and not above 35c lb., 5c lb. and 10%; above 35c lb., 50%.
Cider, 5c gal.
Cigars, cigarettes, \$4.50 lb. and 25%.
Clocks, n. s. p., 40%.
Clothing, cotton, 50%; wool, 44c lb. and 60%; silk, 60%.

Coal, bituminous, 45c ton; anthracite, free.
Cod liver oil, 15c gal.
Coffee, free.
Coke, 20%.
Collars and cuffs, cotton, 45c doz. and 15%; linen 40c doz. and 20%.
Colors, paints, etc., n. s. p., 30%.
Combs, horn, 50%.
Confectionery, n. s. p., 4c lb. and 15% to 50%.
Copper, manufactures, 45%; plates, sheets, 2c lb.; ore, free.
Cork, bark and manufactures of, n. s. p., 30%.
Corn, 15c bu. of 56 lbs.
Cornmeal, 40c 100 lbs.
Cotton, raw, free; cloth, 1c to 8c sq. yd.; handkerchiefs, 4½c and 10%; hosiery, 70c to \$2 doz. pairs and 15%; shirts, drawers, 60c doz. and 15% to \$2.25 doz and 35%; thread, colored, 6c to 67c lb.; not colored, 2½c to 28c lb.
Currants, dried, 2c lb.
Damask, cotton table, 40%.
Diamonds, in rough, free; cut, but not set, 10%, set, 60%.
Drugs, crude, free; advanced in value by treatment, ¼c lb. and 10%.
Dyewoods, crude, free; extracts of, n. s. p., ¼c lb.
Earthenware, plain, 25%; ornamented, 40%.
Eggs, 5c doz.
Embroideries, lace, 60%.
Engravings, n. s. p., 25%.
Envelopes, plain, 20%; other, 35%.
Etchings, paper, 25%.
Fans, palmleaf, free; all other 50%.
Feathers, plain, 20%; dressed, colored, 60%.
Fertilizers, free.
Figs, 2½c lb.
Fish, American fisheries, free; n. s. p., ¼c lb.; halibut or salmon, 1c lb.; herrings, pickled, ¼c lb.; ditto, fresh, ¼c lb.; fish packed in tins, etc., 1½c to 10c per package, according to size; caviar, 30%.
Fox, manufactures of, n. s. p., 45%; straw, \$5 a ton; not hackled, 1c lb.; hackled, 3c lb.; tow, \$20 ton.
Flaxseed, 25c bu of 56 lbs.
Flour, wheat, 25%.
Flowers, artificial, 60%.
Furniture (wood), 35%.
Fur, manufactures of, prepared for use as material, 35%; wearing apparel, 50%.
Glass, common window, 1¼c to 4¼c lb., according to value and size; glassware, n. s. p., 60%; crown, polished, 4c to 15c sq. ft.; cast plate, 10c to 25c sq. ft.
Gloves, leather, \$1.25 to \$4.75 doz. pairs; silk, cotton, fur, 50%.
Glucose or grape sugar, 1¼c lb.
Glue, 2½c lb. to 15c lb. and 20%.
Glycerin, crude, 1c lb.; refined, 3c lb.
Gold, manufactures, 45%; jewelry, 60%; gold leaf, 35c 100 leaves.
Grass fibers, manufactures, n. s. p., 45%.
Grindstones, \$1.75 ton.
Guns, 25% to \$6 and 35%.
Gutta-percha, manufactures of, n. s. p., 35%.
Hair, human, not manufactured, 20%; manufactured, 35%; hair for mattresses, 10%.
Handkerchiefs, silk, 50% to 60%; linen, 50% to 55%.
Harness, leather, 20%.
Hats and caps, fur, \$1.50 to \$7 doz. and 20%; other material, 45% to 60%.
Hay, \$4 ton.
Hemp, tow, \$2.50 ton; hackled, \$45 ton; manufactures, n. s. p., 45%.
Hides, raw, free.
Honey, 20c gal.
Hooks and eyes, metallic, 4½c lb. and 15%.
Hops, 15c lb.
Horn, manufactures, n. s. p., 40%.
India rubber, manufactures of, n. s. p., 35%.
Ink, 25%.
Iron, ore, 15c ton; in pigs, wrought and cast, \$1 ton; bar, n. s. p., 6-10c lb.; manufactures of, n. s. p., 45%; beams, girders, 3-10c to 4-10c lb.; hoop, band or scroll, n. s. p., 3-10c to 6-10c lb.; railway bars, T-rails, 7-40c lb.; cast iron pipe, ¼c lb.; malleable castings, n. s. p., 7-10c lb.

Ivory, manufactures of, 35%; unmanufactured, free.
 Jellies, 35%.
 Jet, manufactures of, n. s. p., 50%.
 Jewelry, 60%.
 Jute, manufactures of, n. s. p., 45%.
 Knives, pocket, 40% to 75c doz. and 25%.
 Lace, manufactures of, n. s. p., 60%.
 Lard, 1½c lb.
 Laths, 20c per 1,000.
 Lead, manufactures of, n. s. p., 45%; in any form, n. s. p., 2½c lb.
 Leather, n. s. p., 15%; grain, buff and split, 7½c lb.
 Lime, 5c 100 lbs.
 Linen, manufactures of, n. s. p., 45%.
 Linoleum, 8c sq. yd. and 15% to 10c sq. yd. and 20%.
 Linseed, 25c bu. of 56 lbs.; oil, 15c gal. of 7½ lbs.
 Liquors, ale, porter, stout, beer, in bottles or jugs, 45c gal.; in bulk, 23c gal.; brandy, n. s. p., \$2.60 proof gal.; cordials, liqueurs, bitters, n. s. p., \$2.60 proof gal.; champagnes and other sparkling wines in bottles of 1 pint to 1 quart, \$9.60 doz.; whisky, gin and other spirits, \$2.30 proof gal.
 Macaroni, cable, 1½c lb.
 Manila cables and cordage, ¾c lb.
 Maple sirup and sugar, 4c lb.
 Maps, paper, n. s. p., 25%.
 Marble, in blocks, rough, 65c cubic ft.; manufactures of, n. s. p., 60%.
 Marmalade, 1c lb., 35%.
 Matches, friction, per gross of 144 boxes, 100 matches to the box, in bulk, ¾c per 1,000; wax and tapers, 35%.
 Matting, rattan, 6c sq. yd.; mats of same, 4c sq. ft.; oilcloth, 6c sq. yd. and 15% to 10c sq. yd. and 15%.
 Meats, prepared or preserved, n. s. p., 25%.
 Medicinal preparations, n. s. p., 25%; containing alcohol, 55c lb.
 Meerschaum, crude, free; pipes, 60%.
 Mica, unmanufactured, 5c lb. and 20%; manufactured, 10c lb. and 20%.
 Milk, fresh, 2c gal.; preserved, condensed, 2c lb.; cream, 5c gal.
 Mineral waters, in bottles of 1 pint to 1 quart, 30c doz.; in bottles of more than 1 quart, 24c gal.; in bulk, 8c gal.
 Mirrors, 45%.
 Molasses, 20% to 6c gal., according to test.
 Music, in books or sheets, n. s. p., 25%.
 Musical instruments, 45%.
 Mutton, 1½c lb.
 Nails, wire, 4-10c to ¾c lb.; cut nails and spikes, 4-10c lb.; horseshoe, n. s. p., 1½c lb.
 Naphtha, free.
 Needles, n. s. p., 25%; for machines, \$1 per 1,000 and 25%; latch, \$1.15 per 1,000 and 35%.
 Nickel, in plgs. etc., 6c lb.; sheets, 35%; manufactures of, 45%.
 Nippers and pliers, 8c lb. and 40%.
 Nuts, n. s. p., 1c lb.; peanuts, unshelled, 1½c lb.; peanuts, 1c lb.; almonds, shelled, 6c lb.; almonds, unshelled, 4c lb.; filberts and walnuts, unshelled, 3c lb.; shelled, 5c lb.; Brazil, palm, cocoanut, free.
 Oats, 15c bu.; oatmeal, 1c lb.
 Oilcloth, for floors, n. s. p., 6c sq. yd. and 15% to 10c sq. yd. and 15%.
 Oil, fish, 8c gal.; castor, 35c gal.; cod liver, 15c gal.; flaxseed, linseed, poppyseed, 15c gal.; pf., 7½c lb.; fusel, ¼c lb.; hempseed, rapeseed, 10c gal.; olive, n. s. p., 40c gal.; peppermint, 25c lb.; petroleum, naphtha, free.
 Onions, 40c bu.
 Opera glasses, 45%.
 Opium, \$1.50 lb.; dried, \$2 lb.; with less than 9% of morphia, \$6 lb.; derivatives of, \$1.50 oz.; liquid preparations of, 40%.
 Ore, iron, 15c ton; lead-bearing, 1½c lb. on lead contained; zinc, ¼c to 1c on zinc contained; gold, silver, nickel, tin, free.
 Oysters, free.
 Paintings, n. s. p., 15%; more than twenty years old, free.
 Paints, colors, pigments, n. s. p., 30%.
 Palm leaf, manufactures of, n. s. p., 35%.
 Paper, printing, 3-10c lb. to 3-10c lb.; valued above 5c lb., 15%; writing, 3c lb. and 15%; manufactures of, n. s. p., 35%; wood pulp, ground, ¼c

lb.; chemical, 1-6c lb.; paper stock, free.
 Pease, green, 25c bu. of 60 lbs.
 Pencils, lead, 45c gross and 25%; slate, 3c per 100; covered with wood, 35%.
 Pens, metallic, except gold, 12c gross.
 Pepper, unground, free; ground, 2½c to 3c lb.
 Perfumery, alcoholic, 60c lb. and 50%; nonalcoholic, 60%.
 Pewter, manufactures of, n. s. p., 45%.
 Phonographs, 45%.
 Phosphorus, 18c lb.
 Photographic lenses, n. s. p., 45%; dry plates or films, n. s. p., 25%.
 Photographs, printed more than twenty years, free; other, on paper, 25%.
 Pickles, n. s. p., 40%.
 Pineapples, in bulk, \$3 per 1,000.
 Pins, not jewelry, 35%.
 Pipes, clay, 15c gross to 50c gross and 25%; other, n. s. p., 60%.
 Plants, nursery stock, n. s. p., 25%.
 Plasters, curative, court, 25%.
 Porcelain ware, decorated, 60%; not decorated, 55%.
 Pork, fresh, 1½c lb.
 Potash, crude, free.
 Potatoes, 25c bu. of 60 lbs.
 Poultry, live, 3c lb.; dressed, 5c lb.
 Powder, gun, 2c lb. to 4c lb.
 Precious stones, cut but not set, 10%; set, 60%; imitations, not set, 20%.
 Presses, printing, 30%.
 Pulp (see paper).
 Quicksilver, 7c lb.
 Radium, free.
 Rag, wool, 10c lb.; other, free.
 Raisins, 2½c lb.
 Rattan, rough, free; manufactures of, 45%; chair cane, 10%.
 Rice, cleaned, 2c lb.; uncleaned, 1½c lb.
 Rubber, crude, free; manufactures of, n. s. p., 40%.
 Rye, 10c bu.; flour, 1½c lb.
 Saccharine, 65c lb.
 Salt, in bags, barrels, etc., 11c per 100 lbs.; in bulk, 7c per 100 lbs.
 Sausages, bologna, free; other, 25%.
 Saws, hand, 25%.
 Scissors and shears, 15c doz. and 15% to 75c doz. and 25%.
 Screws, 3c to 10c lb.
 Sculptures, n. s. p., 15%; more than twenty years old, free.
 Seeds, n. s. p., 10c lb.
 Sewing machines 30%.
 Sheep, 1 year old or more, \$1.50 head; less than 1 year, 75c head.
 Shingles, 50c per 1,000.
 Silks, yard, 45c to 60c lb.; clothing, 60%; spun in skeins, 35%; skeins not wound or advanced in manufacture, free.
 Silver, bullion, free; manufactures of, n. s. p., 45%; silver leaf, 10c 100 leaves.
 Skins, n. s. p., free.
 Slate and manufactures of, n. s. p., 20%.
 Snuff, 55c lb.
 Soap, n. s. p., 20%; castile, 1½c lb.; medicated, 20c lb.; fancy, perfumed, 50%.
 Spectacles, 20c doz. and 15% to 50%.
 Spices, n. s. p., 3c lb.; mustard, 10c lb.; sage, 1c lb.; pepper, ground, 2½c lb.; cinnamon, clove, nutmeg, pepper, cassia, unground, free.
 Sponges, 2%; manufactures of, n. s. p., 30%.
 Starch, from potatoes, 1½c lb.; all other, 1c lb.
 Stockings, cotton, n. s. p., 30%; other cotton, 70c doz. pairs to 55%.
 Stoves, 45%.
 Straw, \$1.50 ton; manufactures of, n. s. p., 35%.
 Sugars, not above No. 16 Dutch standard, 95-100c lb. and for every degree above 75 polariscope test, 35-1000c lb.; above No. 16, 1 91-100c lb.; saccharine, 65c lb.; sugar candy, n. s. p., 4c lb. and 15% to 50%.
 Swords, 50%.
 Tallow, ¼c lb.
 Tar and pitch free.
 Tea, free.
 Telescopes, 45%.
 Thread, cotton, on spools, 6c doz.; flax, 10c lb.
 Tiles, plain, 4c sq. ft.; glazed, etc., 8c sq. ft. to 10c sq. ft. and 25%; quarry, 45%; mantels, etc., of tiling, 60%.

Tin, in ore, bars, blocks, pig, free; in plates, 1 2-10c lb.; manufactures of, 47%.
 Tobacco, wrapper, unstemmed, \$1.85 lb.; stemmed, \$2.50; filler, unstemmed, 35c lb.; stemmed, 50c lb.; snuff, 55c lb.; cigars, cigarettes, \$4.50 lb. and 25%; tobacco, n. s. p., 55c lb.
 Toothpicks, wood, 2c 1,000.
 Turpentine, spirits of, free.
 Twine, binding, free.
 Type metal, 1½c lb. on lead; new type, 25%.
 Typesetting machines, 30%.
 Varnishes, 25%.
 Vegetables, preserved or prepared, n. s. p., 40%; in natural state, n. s. p., 25%.
 Vinegar, 7½c pt. gal.
 Watch movements, 70c each to \$3 each and 25%; cases, 40%.
 Waterproof cloth, 10c sq. yd. and 20%.
 Wax, vegetable or mineral, free.
 Whalebone, unmanufactured, free; manufactured, n. s. p., 35%.
 Wheat, 25c bu.; wheat flour, 25%.

Willow, manufactures of, n. s. p., 35%.
 Wire, except gold and silver, 35% to 40%; fencing, ¾c lb.
 Wood, manufactures of, n. s. p., 35%; sawed lumber, n. s. p., \$1.25 per 1,000 ft.; timber, hewn but not sawed, ¼c cubic ft.; cabinet woods, unmanufactured, 15%; veneers, 20%; ties, poles, 10%; fence posts, free; logs and unmanufactured timber, pulp woods, firewood, free.
 Wool, class 1, 1½c lb.; class 2, 1½c lb.; class 1, washed, 22c lb.; scoured, 33c lb.; class 2, scoured, 36c lb.; class 3, 4c to 7c lb.; wool on skin, 1c lb. less than on cut wool of same class; blankets, 22c lb. and 30% to 44c lb. and 55%; cloths, knit fabrics, n. s. p., 33c lb. and 50% to 44c lb. and 55%; dress goods, women's and children's, 7c sq. yd. and 50% to 1½c sq. yd. and 55%; clothing, ready made, 44c lb. and 60%.
 Zinc, manufactures of, n. s. p., 45%; ore, with less than 10% zinc, free; with more than 10%, ¼c to 1c lb.

UNITED STATES TARIFF COMMISSION.

Appointed Sept. 11, 1909.

Prof. Henry C. Emery, Yale university, New Haven, Conn.
 James B. Reynolds, assistant secretary of the treasury, Washington, D. C.
 Alvin H. Sanders, editor Breeders' Gazette, Chicago.
 Prof. James M. Page, economist, Virginia.
 William M. Howard, lawyer, Georgia.

The appointment of the commission was authorized in the second section of the Payne-Aldrich tariff law of 1909, the last sentence in the section reading: "To secure the information necessary in carrying out the provisions of this section the president is authorized to employ such persons as may be required." The maximum compensation of each member of the commission is \$7,500.

SYNOPSIS OF TARIFF LEGISLATION SINCE 1884.

Morrison Bills—First bill presented to 48th congress during Chester A. Arthur's administration; proposed a horizontal reduction of 20 per cent with free iron ore, coal and lumber; defeated in house April 15, 1884, by vote of 159 to 155; house heavily democratic and senate republican. Second bill presented to 49th congress during Grover Cleveland's first administration; similar to first bill, proposing free wool, salt and lumber; defeated in house June 17, 1886, by a vote of 157 to 140; house democratic, senate republican.

Mills Bill—Presented to 50th congress during Cleveland's first administration; provided for free lumber and wool, reduction on pig iron and abolition of specific duties on cotton; passed by house July 21, 1888, by vote of 162 to 149, but failed in senate; house democratic, senate republican.

McKinley Bill—Passed by 51st congress during Benjamin Harrison's administration; became law Oct. 6, 1890; high protective measure, though remitting duties on sugar and providing for reciprocity treaties; both houses of congress republican.

Wilson Bill—Passed by 53d congress during Cleveland's second administration; became law Aug. 17, 1894, without the president's signature;

both houses democratic; measure reduced duties in some cases and made additions to free list, notably wool.

Dingley Bill—Passed by 54th congress during McKinley's administration; approved July 24, 1897; passed by house 205 yeas to 122 nays, 27 members not voting; passed by senate 38 yeas to 28 nays, 23 not voting; house contained 206 republicans and 134 democrats and senate 46 republicans and 34 democrats; measure raised rates to produce more revenue, but was similar in many respects to the McKinley act.

Payne-Aldrich bill passed at extra session of 61st congress in first year of President William H. Taft's administration; approved Aug. 5, 1909; passed the house by a vote of 217 to 161 and the senate by a vote of 45 to 34. The conference vote in the house was 195 yeas to 183 nays, twenty republicans voting in the negative and two democrats in the affirmative. In the senate the vote on the final conference report was 47 to 31, seven republicans voting against it. In general the revision of the Dingley act was in the direction of lower duties, but there were some increases. The law is given practically in full in The Daily News Almanac and Year-Book for 1910.

THE SMITHSONIAN INSTITUTION IN WASHINGTON.

The Smithsonian institution was established by statute in 1846, under the terms of the will of James Smithson, who bequeathed his fortune in 1826 to the United States for the "increase and diffusion of knowledge among men." From the income of the fund a building, known as the Smithsonian building, was erected in Washington, D. C., on land given by the United States. The institution is legally an establishment having as its members the president and vice-president of the United States, the chief justice and the president's cabinet. It is governed by a board of regents consisting of the vice-president, the chief justice, three members of the United States senate, three members of the house of representatives and six citizens appointed by joint resolution of congress. It

is under the immediate direction of the secretary of the Smithsonian institution, who is the executive officer of the board and the director of the institution's activities. The institution aids investigators by making grants for research and exploration, providing for lectures, initiating scientific projects and publishing scientific papers. It has administrative charge of the national museum, the national gallery of art, the international exchange service, the national zoological park, the astrophysical observatory and the regional bureau for the international catalogue of scientific literature. The institution's original endowment of \$541,000 has been increased by gifts and accumulated interest to \$987,000, yielding an annual income of \$53,375. The secretary of the institution is Charles D. Walcott.

ROMAN AND ARABIC NUMERALS.

I.....	1	V.....	5	IX.....	9	D.....	500
II.....	2	VI.....	6	X.....	10	M.....	1000
III.....	3	VII.....	7	L.....	50	CM.....	900
IV.....	4	VIII.....	8	O.....	100	MCM.....	1900
						MCMXIII.....	1913

CAPITAL PUNISHMENT IN THE UNITED STATES.

Capital punishment prevails in all of the states and territories of the union except Michigan, Minnesota, Wisconsin, Rhode Island, Kansas and Maine. It was abolished in Iowa in 1872 and restored in 1878. It was also abolished in Colorado, but was restored in 1901. One of the constitutional amendments submitted to the voters of Ohio Sept. 3, 1912, was the following:

"All persons shall be liable by sufficient sureties, except those charged with murder in the first degree, where proof is evident or the presumption great. Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishment inflicted, nor shall life be taken as a punishment for crime. Until otherwise provided by law persons convicted of crimes heretofore punishable by death shall be punished by imprisonment in the penitentiary during life."

The proposed amendment was not approved by the voters and capital punishment still prevails in Ohio.

EFFECT ON HOMICIDES.

What effect capital punishment has on the number of homicides is still a mooted question, though the tendency seems to be to doubt its efficacy as a preventive measure. Reliable official statistics bearing on the matter are almost totally lacking, criminal records, national and state, not being kept with any degree of completeness. Such figures as are available do not seem to be conclusive. The situation in the United States is very much the same as that in England. Mr. E. P. Bell, London correspondent of The Daily News, in an article published Oct. 1, 1912, wrote:

"Statistics appear to give no clear light as to the value of capital punishment as a deterrent of murder in England. Fewer murders are committed in this country than formerly; whether more would have been committed had capital punishment been abolished at any time nobody can tell. Persons of distinction and of special competence to discuss crime and crime statistics are found on both sides of the controversy which long has raged over capital punishment.

"For years an influential society has carried on a sustained fight for the abolition of capital punishment in England. This society holds that the extreme penalty is not an effective deterrent, because, generally speaking, it prevails only in the theory—that so few persons convicted of murder are actually executed that criminals discount the risk of undergoing the death penalty. The spokesmen of this society argue against capital punishment on the ground (1) that only God has the right to take human life; (2) that capital punishment involves great danger of executing innocent persons; (3) that the punishment does not fit the crime nor effect the reformation of the offender. The religious objection urged is that the sinner who is executed is deprived of his full time of repentance.

"Those in favor of the retention of capital punishment admit that its effect appears to be different in different countries. They also admit that juries often show disinclination to convict in cases where conviction means irrevocable punishment. This inference is drawn from the fact that in the thirty years from 1850 to 1879, inclusive, 2,005 persons were committed for trial in England on the charge of willful murder, and of this number only 665, or 33 per cent, were found guilty, whereas the number of convictions for noncapital crimes is 76 per cent. The uncertainty of the infliction of the extreme penalty is regarded by the advocates of capital punishment as a grave danger to society.

"The marked disproportion between the number of persons charged with and the number convicted of murder is put down (1) to the fact that not only the jury but the court leans to mercy except in very bad cases, (2) to the frequent exercise of the prerogative of mercy, (3) to the fact that circumstantial evidence must be conclusive in order to convict, (4) to the merciful treatment extended to deserted mothers charged with killing their children, (5) to the frequency of insanity in murderers and (6) to the fact that coroners' juries are recklessly free in returning inquisitions of murder without any real evidence of guilt."

Reports from states in which capital punishment has been abolished, temporarily or permanently, have been received by The Daily News Almanac and Year-Book and are given herewith.

COLORADO.

The following information relating to convictions for murder, life sentences to prison and executions in Colorado since 1871 was furnished to The Daily News Almanac and Year-Book by Mr. William Thomas, secretary of the state board of charities and correction in Denver. Prior to 1888 executions took place at the county seats and no record is available as to their number. From 1871 to Nov. 30, 1888, 128 persons were convicted and sent to the penitentiary for murder. By an act passed April 19, 1889, all executions thereafter took place in the penitentiary and the records are complete except for the biennial period ending Nov. 30, 1894, when no report was placed on file. Capital punishment was abolished by virtue of an act approved March 29, 1897, and was re-established by an act filed with the secretary of state May 2, 1901, which became a law without the governor's signature. The following table shows the number of convictions for murder, sentences to life terms in prison and execution in the biennial periods (ending Nov. 30) indicated:

Years.	Con- Life Executions.	Years.	Con- Life Executions.
1879-1880..30	24	1897-1898..40	16
1881-1882..51	34	1899-1900..40	12
1883-1884..47	30	1901-1902..40	6
1885-1886..59	29	1903-1904..53	15
1887-1888*..	..	1905-1906..44	10
1889-1890..27	6	1907-1908..72	27
1891-1892..44	13	1909-1910..53	26
1893-1894*..	..		3
1895-1896..42	9		

*No record on file.

The population of Colorado in 1880 was 194,327; in 1890, 412,198; in 1900, 539,700, and in 1910, 789,024. For the years 1879-1880 the convictions for murder equaled 1 per year for approximately every 13,000 inhabitants; for 1889-1890, 1 per year for every 30,000 inhabitants; for 1899-1900 (when capital punishment was abolished), 1 per year for every 26,600 inhabitants, and in 1909-1910, after capital punishment had been restored, 1 per year for every 30,000 inhabitants.

MAINE.

From 1821 to 1829 treason, murder, arson, rape, burglary and robbery were punishable with death in Maine. From 1829 to 1837 only treason, murder and arson were so punishable. The law was further modified in 1837, 1844, 1867, 1869 and 1875, so that there were almost no executions. In 1876 the death penalty was abolished altogether, but in 1883 the death penalty for murder alone was re-established. In 1885 the governor called attention to the fact that there had been an unusual number of cold blooded murders within the last two years and that the re-establishment of the death penalty had not afforded the protection anticipated. In 1887 the death penalty was again abolished.

In a letter to The Daily News Almanac and Year-Book, Mr. Fred B. Wiggin, warden of the state prison at Thomaston, Me., writes:

"Our records do not shed much light upon the effect of the abolition of capital punishment so far as the number of murders is concerned. Covering the past fifty years, the largest number of convictions for murder in any one year has been five, and that experience occurred in three different years; once when capital punishment was in force and twice since it was abolished.

"It would appear from our records that under the law when capital punishment was in force jurors would more frequently convict of murder in the second degree, for which the penalty was life imprisonment. Since the abolition of capital punishment in this state—the last time in the '80s—the number of homicides shows no significant change either as to increase or decrease.

"My own opinion is that the penalty is not considered when a homicide is committed."

In 1904 there were only two prisoners committed for homicide in Maine, or 0.3 per 100,000 of popu-

lation. In New Hampshire, where the death penalty is inflicted, the number was five, or 1.2 per 100,000.

RHODE ISLAND.

Capital punishment except for murder by a person under sentence of life imprisonment was abolished in Rhode Island Feb. 11, 1852. There has been no execution under the exception. It appears from the prison records that in the decade between 1840 and 1850 there were two commitments for murder to each 73,772 of inhabitants. In the decade 1850 to 1860, just after the abolition of the death penalty, the proportion was 1 to 21,827, the worst condition the state has known. Other decades showed the following proportions: 1860 to 1870, 1 to 27,170; 1870 to 1880, 1 to 34,504; 1880 to 1890, 1 to 34,550; 1890 to 1900, 1 to 32,966. These figures are the nearest approach possible to reaching any conclusion as to the effect or absence of effect of the abolition of capital punishment in Rhode Island.

According to the United States census bureau the number of commitments for murder in Rhode Island in 1904 was six, or 1.3 per 100,000 of population. In the adjoining state of Connecticut the commitments in the same year were thirteen, or 1.3 per 100,000 population. In other words, the average was precisely the same in the two states, one having capital punishment and the other not having it.

In this connection, however, it may be noted that out of fifty-six prisoners sentenced to the Rhode Island state prison for murder between 1830 and 1905, twenty were pardoned by the governors. Attention was called to this fact by Attorney-General Charles F. Stearns when he retired from office a few years ago. His conclusion was that the murderer's hope of escaping full punishment for his crime was well founded. He was in favor of imposing the death penalty in the most serious cases.

WISCONSIN.

[By Daniel Woodward, warden of state prison at Waupun.]

Capital punishment was abolished in this state before we had any record of vital statistics and for that reason it is impossible to make a comparative statement. However, as warden of this institution, and after a careful study of criminology, it is my opinion that no state or nation can go into the cold blooded execution of a human being.

There is very little that can be presented as an argument for the death penalty for the reason that in very few cases is murder the result of deliberate calculation, which takes into account risks and dangers. In the majority of cases the murder is the result of sudden passion or intoxication, the condition of mind being such that it will not permit the reckoning of consequences. Therefore, no punishment, mild or severe, would serve as a deterrent.

Modern penology is giving much attention to the reformation of prisoners confined in institutions of this kind. Our state has passed a law which provides that life prisoners may be paroled when they have served a thirty year term. Deducting allowance for good behavior, life prisoners become eligible for parole in sixteen years and three months. While on parole they are in the legal custody of the state and subject to return to the institution for violation of certain fixed rules and regulations.

This law has been in force four years and nine life prisoners have been released under its provisions. Not a single one of them has violated the trust and confidence we placed in them; in fact,

it may be said that our life prisoners, as a rule, are of a better class than the ordinary prisoners.

KANSAS.

[By J. K. Coddling, warden state penitentiary at Lansing.]

We have not the statistics showing the number of homicides before and after the abolition of capital punishment. As a matter of fact it has been so many years in Kansas since there has been any legal hanging, and our state has changed from a frontier community to one of civilization in the last forty years, that it is proper to put us in the list of those states that have not had capital punishment in the last thirty-five years.

If you will make a comparison from the census reports between Kansas and Texas or Kansas and New York or other places, you will readily see that we have proportionately far less homicides than have those states in which capital punishment is provided for. Capital punishment simply brutalizes men and sets a lower value on human life. Crime is a moral disease just as much as smallpox is a physical one, and it is not proper to kill diseased people.

In states where there is capital punishment it is harder to secure convictions for murder in the first degree. Men committing crimes rarely take into thought the punishment, as they expect to escape that. I do not need to say that I am opposed to capital punishment.

MICHIGAN.

Michigan is usually classed as one of the states in which capital punishment has been abolished. This is not strictly correct, but practically it is true, since treason is the only crime now punishable by death. This, according to the statute, is to be inflicted by hanging. Previous to 1846 the laws of Michigan provided that all murders perpetrated by poison, lying in wait, etc., should be punishable by death. In the year named the statutes of the state were revised under the direction of Sanford M. Green. In his revision presented to the legislature of 1846 for its action the death penalty was retained as the punishment for the crime of murder, but the lawmaking body amended the section dealing with the matter and made murder punishable "by solitary confinement at hard labor in the state prison for life."

MINNESOTA.

[By Lyndon A. Smith, attorney-general, St. Paul.]

There are not as yet any reliable statistics available in this state showing whether or not there has been an increase of murder since the abolition of the death penalty. I am of the opinion that the number of convictions for murder during the fall terms of court as compared with the fall terms of court the previous year would not be material evidence on the question of the increase of murder, because a conviction is much easier to obtain when the death penalty will not follow.

IOWA.

Capital punishment was abolished in Iowa in 1872, but was re-established in 1878. It was urged in its favor that crime had increased from year to year and that it was increasing more and more rapidly each year. It was also claimed that there had been a great increase of mob violence since the abolition of the death penalty. The bill met with considerable opposition, but was finally passed by the senate by a vote of 28 to 19 and by the house near the close of the session by a small majority.

FAMOUS WATERFALLS OF THE WORLD.

Name and location.	Height in feet.	Name and location.	Height in feet.	Name and location.	Height in feet.
Gavarnie, France.....	1,385	Schaffhausen, Switzerland.....	100	Yellowstone (lower), Montana.....	310
Grand, Labrador.....	2,000	Sjoggedalsfoss, Norway.....	550	Ygnas, Brazil.....	210
Minnehaha, Minnesota.....	60	Shoshone, Idaho.....	210	Yosemite (upper), California.....	1,456
Missouri, Montana.....	90	Staubach, Switzerland.....	1,000	Yosemite (middle), California.....	626
Montmorency, Quebec.....	265	Stirling, New Zealand.....	500	Yosemite (lower), California.....	425
Multnomah, Oregon.....	850	Sutherland, New Zealand.....	1,904	Vettis, Norway.....	950
Murchison, Africa.....	120	Takkakaw, Brit'h Columbia.....	1,200	Victoria, Africa.....	400
Niagara, New York-Ontario.....	164	Twin, Idaho.....	180	Voringfos, Norway.....	600
Rjukan, Norway.....	780	Yellowstone (upper), Montana.....	110		

THE PANAMA CANAL.

CANAL STATISTICS (OFFICIAL).

Length from deep water to deep water—50.5 miles.
 Length on land—40.5 miles.
 Length at summit level—31.7 miles.
 Bottom width of channel—Maximum, 1,000 feet; minimum (in Culebra cut), 300 feet.
 Depth—Minimum, 41 feet; maximum, 45 feet.
 Summit level—85 feet above mean tide.
 Locks in pairs—12.
 Locks, usable length—1,000 feet.
 Locks, usable width—110 feet.
 Gatun lake, area—164 square miles.
 Gatun lake, channel depth—85 to 45 feet.
 Concrete required—5,000,000 cubic yards.
 Time of transit through canal—10 to 12 hours.
 Time of passage through locks—3 hours.
 Length of relocated Panama railroad—46.2 miles.
 Canal zone area—About 448 square miles.
 Canal zone area owned by United States—About 322 square miles.
 French buildings acquired—2,150.
 French buildings used—1,537.
 Value of utilized French equipment—\$1,000,000.
 Canal force, average at work—About 39,000.
 Estimated total cost of canal—\$375,000,000.
 Work begun by Americans—May 4, 1904.
 Length of canal in use in August, 1910—10.5 miles.
 Probable date of completion—Fall of 1913.

CANAL COMMISSION.

Col. George W. Goethals, U. S. A., chairman and chief engineer.
 Lieut.-Col. David Du B. Gaillard, U. S. A., corps of engineers.
 Lieut.-Col. William L. Sibert, U. S. A., corps of engineers.
 Col. William C. Gorgas, U. S. A., medical department.
 Harry H. Rousseau, U. S. N., civil engineer.
 Col. H. F. Hodges, U. S. A.
 Maurice H. Thatcher, civilian.
 Headquarters of commission in Panama.
 As chairman, Lieut.-Col. Goethals receives a salary of \$15,000 annually. Lieut.-Cols. Gaillard and Sibert and Civil Engineer Rousseau \$14,000 each and Dr. Gorgas, Col. Hodges and Mr. Thatcher \$10,000 each.

CIVIL ADMINISTRATION.

Head of Department—Maurice H. Thatcher, Ancon.
 Chief Clerk—G. A. Ninas, Ancon.

CANAL ZONE JUDICIARY.

Chief Justice Supreme Court—H. A. Gudger.
 Associate Justices—Thomas E. Brown, Jr., and William H. Jackson.
 The salary of the chief justice is \$6,500 a year and of the associate justices \$6,000 each.

SANITATION.

Chief—Col. W. C. Gorgas.
 Assistant—Lieut.-Col. John L. Phillips.
 General Inspector—Maj. Robert E. Noble.

CHRONOLOGY.

First exploration of route 1527.
 Advocated by Humboldt 1803.
 Panama railroad built 1850-1855.
 Panama Canal company formed by De Lesseps 1879.
 Work on canal begun Feb. 24, 1881.
 Canal company failed Dec. 11, 1888.
 De Lesseps and others sentenced to prison for fraud Feb. 9, 1893.
 New French canal company formed October, 1894.
 De Lesseps died Dec. 7, 1894.
 Hay-Pauncefote treaty superseding the Clayton-Bulwer treaty signed Nov. 18, 1901; ratified by senate Dec. 16; ratified by Great Britain Jan. 20, 1902.
 Canal property offered to the United States for \$40,000,000 Jan. 9, 1902; accepted Feb. 16, 1903.
 Bill authorizing construction of canal passed by house of representatives Jan. 9, 1902; passed by senate June 19, 1902; approved June 28, 1902.
 Canal treaty with Colombia signed Jan. 22, 1903; ratified by senate March 17, 1903; rejected by Colombia Aug. 12, 1903.
 Revolution in Panama Nov. 3, 1903.
 Canal treaty with Panama negotiated Nov. 18, 1903; ratified by republic of Panama Dec. 2, 1903; ratified by United States senate Feb. 23, 1904.

Canal commissioners appointed Feb. 29, 1904.
 Papers transferring canal to the United States signed in Paris April 22, 1904.
 Bill for government of canal zone passed by the senate April 15, 1904; passed by the house April 21; approved April 26.
 Canal property at Panama formally turned over to the United States commissioners May 4, 1904.
 President outlines rules for the government of the canal zone and war department takes charge of the work May 9, 1904.
 Gen. George W. Davis appointed first governor of canal zone May 9, 1904.
 John F. Wallace appointed chief engineer May 10, 1904; resigned June 29, 1905.
 Republic of Panama paid \$10,000,000 May 21, 1904.
 First payment on \$40,000,000 to French canal company made May 24, 1904.
 Lorin C. Collins appointed Supreme court judge for canal zone June 17, 1905.
 New commission with Theodore P. Shonts as chairman named April 3, 1905; Shonts resigned March 4, 1907.
 John F. Stevens appointed chief engineer June 29, 1905; resigned Feb. 26, 1907.
 Lieut.-Col. George W. Goethals appointed chief engineer Feb. 26, 1907.

PLAN OF THE CANAL.

The entire length of the Panama canal from deep water in the Atlantic to deep water in the Pacific is 50.5 miles. Its length on land is 40.5 miles. In passing through the canal from the Atlantic to the Pacific a vessel will enter a channel with a bottom width of 500 feet in Limon bay and follow this for about seven miles to Gatun, where it will enter a series of three locks in flight and be lifted eighty-five feet to the level of the Gatun lake. It will sail at full ocean speed through this lake, in a channel varying from 1,000 to 500 feet in width, for a distance of about twenty-four miles to Barro Colorado, where it will enter the Culebra cut. It will sail through the cut, a distance of about nine miles, in a channel with a bottom width of 300 feet, to Pedro Miguel. There it will enter a lock and be lowered 30½ feet to a small lake at an elevation of 54½ feet above sea level, and will sail through this for about 1½ miles to Miraflores. There it will enter two locks in series and be lowered to sea level, passing out into the Pacific through a channel 8½ miles in length, with a bottom width of 500 feet. The depth of the approach channel on the Atlantic side, where the tidal oscillation does not exceed 1½ feet, will be 41 feet at mean tide, and on the Pacific side, where the maximum oscillation is 23 feet, the depth will be 45 feet at mean tide.

GATUN DAM.

The Gatun dam, which forms Gatun lake by impounding the waters of the Chagres river and other streams, is nearly 1½ miles long, measured on its crest, nearly half a mile wide at its base, about 400 feet wide at the water surface, about 100 feet wide at the top and its crest is at an elevation of 115 feet above mean sea level, or 30 feet above the normal level of the lake. The interior of the dam is formed of a natural mixture of sand and clay, dredged by hydraulic process from pits above and below the dam, and placed between two large masses of rock and miscellaneous material, obtained from steam shovel excavation at various points along the canal. The top and upstream slope are riprapped. The spillway is a concrete lined opening 1,200 feet long and 300 feet wide, cut through a hill of rock nearly in the center of the dam, the bottom of the opening being ten feet above sea level. During the construction of the dam all the waters discharged from the Chagres river and its tributaries flow through this opening. When the lake is formed the spillway will be closed with a concrete dam, fitted with gates and machinery for regulating the water level of the lake.

The water level of Gatun lake, extending through the Culebra cut, is maintained at the south end by an earth dam connecting the locks at Pedro Miguel with the high ground to the westward, about 1,700 feet long, with its crest at an elevation of 105 feet above mean tide. A small lake between the locks

at Pedro Miguel and Miraflores is formed by dams connecting the walls of Miraflores locks with the high ground on either side. The dam to the westward is of earth, about 2,700 feet long, having its crest about 15 feet above the water in Miraflores lake. The east dam is of concrete, about 500 feet long, and forms a spillway for Miraflores lake, with crest gates similar to those at the spillway of the Gatun dam.

GATUN LAKE.

Gatun lake covers an area of 164 square miles, with a depth in the ship channel varying from 85 to 45 feet. Throughout the first 16 miles from Gatun the width of the channel is 1,000 feet; then for 4 miles it is 800 feet and for 4 miles more 500 feet, when the entrance to Culebra cut, at Bas Obispo, is reached. The water level in the cut is that of the lake and the bottom width of the channel is 300 feet.

CANAL ZONE.

The canal zone contains about 448 square miles. It begins at a point three marine miles from mean low-water mark in each ocean and extends for five miles on each side of the center line of the route of the canal. It includes the group of islands in the Bay of Panama named Perico, Naos, Culebra and Flamenco. The cities of Panama and Colon are excluded from the zone, but the United States has the right to enforce sanitary ordinances and maintain public order there in case the republic of Panama should not be able to do so. Of the 448 square miles in the zone the United States owns 322 and private persons 126. The private property may, however, be acquired at any time by the United States by purchase or by the exercise of the right of eminent domain.

THE LOCKS.

There are twelve locks in the canal, all in duplicate; three pairs in flight at Gatun, with a com-

weigh from 300 to 600 tons each. For the entire canal 92 leaves are required, the total weighing 57,000 tons. Intermediate gates are used in the locks to save water and time, if desired, in locking small vessels through, the gates being so fixed as to divide the locks into chambers 600 and 400 feet long, respectively. Of the vessels navigating the high seas 95 per cent are less than 600 feet long.

No vessel will be permitted to enter or pass through the locks under its own power. Electricity will be used to tow all vessels into and through the locks and to operate all gates and valves, power being generated by water turbines from the head created by Gatun lake. The time required to pass a vessel through all the locks is estimated at three hours, one hour and a half in the three locks at Gatun and about the same time in the three locks on the Pacific side. The time of the passage of a vessel through the entire canal is estimated as ranging from ten to twelve hours, according to the size of the ship and the rate of speed at which it can travel.

CANAL EXCAVATION TO JULY 31, 1912.

	Cu. yds.
By French companies.....	78,146,960
French excavation useful to canal.....	29,908,000
By Americans—	
Dry excavation.....	109,814,391
Dredges	66,086,661
Total	175,901,052
May 4 to Dec. 31, 1904.....	243,472
Jan. 1 to Dec. 31, 1905.....	1,799,227
Jan. 1 to Dec. 31, 1906.....	4,848,437
Jan. 1 to Dec. 31, 1907.....	15,765,290
Jan. 1 to Dec. 31, 1908.....	37,116,735
Jan. 1 to Dec. 31, 1909.....	35,096,166
Jan. 1 to Dec. 31, 1910.....	31,437,671
Jan. 1 to Dec. 31, 1911.....	31,603,899
Jan. 1 to July 31, 1912.....	17,890,089

TOTALS BY DIVISIONS AND AMOUNT TO BE EXCAVATED.

DIVISIONS.	Amount excavated.		Remaining to be excavated.	
	Cubic yards.	Total.	Cubic yards.	Total.
Atlantic—				
Dry excavation.....	8,679,418 }	39,513,222	*19,418	8,009,778
Dredges	30,833,804 }		8,029,196 }	
Central—				
Culebra cut.....	83,353,392 }	95,738,047	10,528,608	10,678,953
All other points.....	12,384,655 }		150,345 }	
Pacific—				
Dry excavation.....	5,585,165 }	40,649,783	5,355,835	17,637,217
Dredges	35,064,618 }		12,281,382 }	
Grand totals.....		175,901,052		36,325,948

*Estimate exceeded by this amount.

bined lift of 85 feet; one pair at Pedro Miguel, with a lift of 30½ feet, and two pairs at Miraflores, with a combined lift of 54½ feet at mean tide. The dimensions of all are the same—a usable length of 1,000 feet and a usable width of 110 feet. Each lock is a chamber, with walls and floors of concrete and water-tight gates at each end.

The side walls are 45 to 50 feet wide at the surface of floor, perpendicular on the face and narrow from the point 24½ feet above the floor until they are 8 feet wide at the top. The middle wall is 60 feet wide, approximately 31 feet high and each face is vertical. At a point 42½ feet above the surface of the floor and 15 feet above the top of the middle culvert this wall divides into two parts, leaving a space down the center much like the letter "U," which is 19 feet wide at the bottom. In this center space, which is 44 feet wide at the top, is a tunnel divided into three stories or galleries. The lowest gallery is for drainage; the middle for the wires that carry the electric current to operate the gate and valve machinery, which will be installed in the center wall, and the upper is a passageway for the operators. The lock chambers are filled and emptied through lateral culverts in the floors, connected with main culverts, 18 feet in diameter, in the walls, the water flowing in and out by gravity.

The lock gates are steel structures, 7 feet thick, 65 feet long and from 47 to 82 feet high. They

APPROPRIATIONS AND EXPENDITURES.

APPROPRIATIONS.

Payment to New Panama Canal com'y.....	\$40,000,000.00
Payment to republic of Panama.....	10,000,000.00
Appropriation for 1902.....	10,000,000.00
Appropriation for 1906.....	11,000,000.00
Deficiency for 1906.....	5,990,786.00
Appropriation for 1907.....	25,456,415.08
Appropriation for 1908.....	27,161,367.50
Deficiency for 1908.....	12,178,900.00
Appropriation for 1909.....	29,137,000.00
Deficiency for 1909.....	5,458,000.00
Appropriation for 1910.....	33,638,000.00
Deficiency for 1910.....	76,000.00
Appropriation for 1911.....	37,855,000.00
For private relief, 1911.....	4,404.18
Appropriation for 1912.....	45,560,000.00
Appropriation for 1913.....	31,786,950.00

Total

EXPENDITURES TO JUNE 30, 1912.

Civil administration.....	\$5,711,919.67
Sanitation.....	14,814,763.97
Construction and engineering.....	152,298,242.76
Miscellaneous.....	86,803,581.18
Law.....	24,729.16
Fortifications	1,212,881.66
Total	260,866,118.40

CANAL FORCE.

The total force at work on the canal and railroad July 31, 1912, was 35,165. Canal employes numbered 28,382 and Panama railroad 6,787. The number of "gold" or white American employes was 4,196. The great majority of laborers are West Indian negroes.

CANAL FORTIFICATIONS.

An initial expenditure of \$3,000,000 for the fortification of the Panama canal was authorized in the sundry civil act passed by congress and approved March 4, 1911. Of this amount \$2,000,000 was for the construction of seacoast batteries on the canal zone.

PANAMA RAILROAD.

The Panama railroad and the steamships run in connection with it between New York and Colon are owned and operated by the United States government. When the canal was purchased from the new French canal company the railroad and steamship property was included among the assets. It

practically parallels the route of the canal nearly the whole distance. Since it was acquired by the Americans the line has been almost completely re-located to correspond with changes in the route and plan of the canal. It is 46½ miles long and runs between the cities of Colon and Panama.

CANAL ZONE CENSUS.

According to a census taken in February, 1912, the population of the Panama canal zone proper, excluding the cities of Colon and Panama, was 62,810, of whom 19,413 were white, 31,525 black, 10,323 mixed, 521 yellow, 378 Hindus, 2 Filipinos, 648 Indians.

OPENING OF CANAL.

It was officially announced Sept. 14, 1912, that the Panama canal would probably be opened for traffic in the fall of 1913, progress in the construction of the waterway having been more rapid than anticipated. The original date set for the opening was Jan. 1, 1915.

WINES AND LIQUORS CONSUMED IN THE UNITED STATES.

YEAR.	WINES.		MALT LIQUORS.		DISTILLED SPIRITS.		Total wines and liquors.	Per capita of all wines and liquors.
	Consumption.	Per capita	Consumption	Per capita	Consumption.	Per capita.		
	Gallons.	Gals.	Gallons.	Gals.	Pf. gallons.	Pf. gls.	Gallons.	Gallons.
1840.....	4,873,096	.29	28,310,843	1.36	43,060,884	2.52	71,244,823	4.17
1850.....	6,315,871	.27	36,563,009	1.58	51,833,473	2.23	94,712,353	4.08
1860.....	11,059,141	.35	101,346,669	3.22	89,968,651	2.86	202,374,461	6.43
1870.....	12,225,067	.32	204,756,156	5.31	79,895,708	2.07	286,876,931	7.70
1880.....	28,088,179	.56	414,220,165	8.26	63,526,694	1.27	505,076,400	15.52
1890.....	28,945,968	.46	855,732,335	13.67	87,829,562	1.40	972,578,873	15.52
1900.....	29,988,467	.39	1,221,500,160	16.01	97,248,382	1.27	1,349,176,035	17.76
1904.....	43,311,217	.52	1,494,191,325	17.91	121,101,997	1.45	1,638,609,958	19.87
1906.....	35,059,717	.41	1,568,150,770	18.02	120,870,278	1.42	1,694,392,765	19.85
1908.....	46,485,223	.53	1,699,985,642	19.54	127,754,544	1.47	1,874,225,409	21.55
1907.....	57,738,848	.65	1,821,867,627	20.56	140,084,496	1.58	2,019,690,911	22.79
1909.....	52,121,646	.58	1,828,732,448	20.26	125,879,314	1.39	2,006,235,408	22.22
1908.....	61,779,549	.67	1,759,634,426	19.07	121,130,086	1.32	1,955,544,011	21.06
1910.....	70,545,073	.75	1,831,340,261	19.79	133,638,694	1.42	2,045,427,018	21.86
1911.....	63,859,232	.67	1,966,911,744	20.66	138,585,989	1.46	2,169,356,695	22.79

COFFEE AND TEA CONSUMED IN THE UNITED STATES.

YEAR ENDED JUNE 30.	COFFEE.			TEA.		
	Imports.	Price*	Per capita†	Imports.	Price*	Per capita
	Pounds.	Value.	Cents.	Lbs.	Pounds.	Value.
1890.....	51,488,248	\$4,227,021	8.3	2.98	8,609,415	\$2,425,018
1894.....	94,996,065	8,546,222	8.8	5.06	20,006,595	5,427,010
1896.....	145,272,687	11,294,835	7.6	5.06	29,872,654	4,719,232
1898.....	202,144,733	21,883,797	10.8	5.79	34,696,657	8,915,327
1899.....	235,256,574	24,334,879	10.3	6.00	47,408,481	13,863,273
1899.....	446,850,727	60,360,769	13.5	8.73	72,162,936	19,782,931
1899.....	499,153,120	75,267,432	16.0	7.83	85,886,829	12,917,493
1900.....	787,991,911	92,467,943	7.5	9.51	84,845,107	10,588,110
1904.....	998,677,479	69,988,202	7.0	11.68	112,905,541	13,229,310
1905.....	1,046,028,441	84,710,383	8.1	12.00	102,706,599	16,230,858
1906.....	863,799,615	75,514,444	8.6	9.74	93,621,750	14,580,878
1907.....	986,595,923	78,382,823	7.9	11.17	86,368,490	13,915,544
1908.....	892,092,410	67,863,830	7.6	9.84	94,149,564	16,309,870
1909.....	1,051,749,705	79,341,076	7.5	11.45	114,916,520	18,562,676
1910.....	983,983,689	63,504,647	7.9	9.93	85,626,370	15,671,946
1911.....	878,322,468	90,949,963	10.3	9.27	102,658,942	17,613,569

*Average import price per pound. †Consumption per capita based on net imports.

SUIT AGAINST NATIONAL CASH REGISTER COMPANY.

Thirty officials and employes of the National Cash Register company of Dayton, O., were indicted on charges of criminal violation of the Sherman antitrust law by a special federal grand jury in Cincinnati, O., Feb. 22, 1912. The principal officers indicted were John A. Patterson, president; E. A. Deeds, vice-president; G. C. Edgeter, sec-

retary, and W. F. Bippus, treasurer. There were three counts. The first charged that nearly all the competitors concerned had been bought out or driven out of business through bribery and other illegal methods. The second and third counts charged the defendants with monopolizing the cash register business by the same means.

SPEED ON THE TYPEWRITER.

Miss Florence E. Wilson of New York, N. Y., copied 7,219 words in one hour on the typewriter at Spokane, Wash., July 13, 1912, in a speed contest held under the auspices of the National Commercial

Teachers' federation. She made sixty-eight errors, for which a deduction of five words each was made, giving her a net score of 6,979 words, or an average of 115 words a minute.

CANALS IN THE UNITED STATES.

[From census bureau report.]

State and name.	Op'd.	Length		Surface.	Width (feet).		Depth	Locks	Cost.*
		(miles).	(miles).		Bottom.	Top.	(feet).	(No.).	
Alabama—Black Warrior.....	1889	91.00	.....	.....	6.5	7	.....	.....	\$2,223,883
Coosa.....	1888	25.00	.....	.....	4	3	.....	.....	1,040,928
Arkansas—Upper White.....	.....	9.00	.....	.....	5	2	.....	.....	684,110
Delaware—Chesapeake and Delaware.....	1829	29.63	60	40	10	3	.....	.....	5,000,000
Georgia—Augusta.....	1847	9.00	160	106	11	1	.....	.....	2,090,263
Illinois—Drainage.....	1900	34.00	244	158	22	.....	.....	.....	52,697,495
Galena.....	1894	2.00	.....	.....	2	1	.....	.....	100,000
Illinois and Michigan.....	1848	96.00	.....	.....	8	18	.....	.....	9,194,498
Illinois and Mississippi.....	1895	4.50	60	30	8	.....	.....	.....	547,280
Illinois (LaSalle-Grafton).....	1889	227.00	.....	.....	7	4	.....	.....	2,983,706
Wabash.....	1893	12.00	.....	.....	3.5	4	.....	.....	130,000
Iowa—Des Moines Rapids.....	1877	12.00	250	.....	5	3	.....	.....	4,666,889
Canalized rivers.....	.....	1,520.40	.....	.....	.....	138	.....	.....	42,886,978
Kentucky—Big Sandy.....	1889	27.00	.....	.....	6	3	.....	.....	1,091,108
Green and Barren.....	1889	213.00	.....	.....	5	7	.....	.....	661,635
Kentucky.....	1889	200.00	.....	.....	5	11	.....	.....	2,798,922
Louisville and Portland.....	1830	2.40	.....	.....	12	4	.....	.....	5,856,230
Rough.....	1896	29.50	.....	.....	6	1	.....	.....	104,899
Louisiana—Campany's.....	1847	95.00	80	45	5.5	1	.....	.....	500,000
Harvey's.....	1830	70.30	70	65	6	1	.....	.....	400,000
Lake Borne.....	1900	7.00	100	65	6	.....	.....	.....	350,000
New Basin.....	1835	7.50	100	90	9	.....	.....	.....	2,000,000
Old Basin.....	1794	7.00	60	40	7	.....	.....	.....	150,000
Maryland—Chesapeake and Ohio.....	1850	185.00	68	31	6	75	.....	.....	14,000,000
Michigan—Lake Superior.....	1873	7.75	120	.....	20	.....	.....	.....	4,246,728
St. Clair Flats.....	1889	1.19	.....	.....	20	.....	.....	.....	1,035,577
St. Mary's.....	1855	1.60	160	.....	25	2	.....	.....	8,000,000
New Jersey—Delaware.....	1838	66.00	60	30	9	4	.....	.....	5,113,749
Morris.....	1836	106.00	50	30	5	32	.....	.....	6,000,000
New York—Black river.....	1849	42.00	42	28	4	109	.....	.....	3,964,000
Cayuga.....	1839	24.77	70	56	7	10	.....	.....	2,232,632
Champlain.....	1822	81.00	50	35	5	23	.....	.....	.....
Delaware and Hudson.....	1828	9.00	50	30	7	10	.....	.....	65,000
Erie and branches.....	1825	355.13	70	56	7	72	.....	.....	65,402,033
Oswego.....	1828	38.00	70	56	7	18	.....	.....	5,161,793
North Carolina—Fairfield.....	1868	4.00	26	26	7	.....	.....	.....	60,000
Newbern.....	1882	5.00	.....	.....	5	.....	.....	.....	35,000
Ohio—Miami.....	1835	269.00	50	25	5	95	.....	.....	8,062,680
Muskingum.....	1840	70.00	.....	.....	7	10	.....	.....	2,121,738
Ohio and branches.....	1835	326.00	40	26	4	144	.....	.....	7,904,971
Oregon—Columbia.....	1889	4.50	.....	.....	8	2	.....	.....	3,816,394
Government canals.....	.....	78.19	.....	.....	.....	12	.....	.....	26,524,588
Portland General Electric.....	0.773	0.75	75	55	6	5	.....	.....	750,000
Yamhill.....	1900	18.00	.....	.....	5	1	.....	.....	202,620
Pennsylvania—Allegheny.....	1903	26.00	.....	.....	6	3	.....	.....	1,124,768
Lehigh Coal.....	1821	108.00	44	18	6	91	.....	.....	7,066,459
Monongahela.....	1888	89.00	.....	.....	5.4	12	.....	.....	3,954,466
Ohio.....	1885	36.50	.....	.....	6	6	.....	.....	4,668,561
Schuylkill.....	1826	89.83	58	40	6	55	.....	.....	11,018,875
South Carolina—Congaree.....	1906	2.00	.....	.....	5	1	.....	.....	221,238
Esterville-Miami.....	1906	5.00	90	.....	6	.....	.....	.....	172,175
Fenwick's Island.....	1906	0.33	90	.....	7	.....	.....	.....	50,000
Tennessee—Cumberland.....	1889	76.50	.....	.....	6	3	.....	.....	2,282,637
Tennessee.....	1853	18.00	.....	.....	5	2	.....	.....	3,191,726
Texas—Galveston.....	1876	5.43	180	.....	17	.....	.....	.....	369,698
Morgan.....	1873	9.00	100	60	8	.....	.....	.....	271,975
Port Arthur.....	1899	7.13	183	75	25	.....	.....	.....	803,490
Virginia—Albemarle.....	1860	14.00	80	45	10	1	.....	.....	1,151,849
Lake Drummond.....	1794	23.00	70	40	9	2	.....	.....	3,301,000
West Virginia—Great Kanawha.....	1889	90.00	.....	.....	6	10	.....	.....	4,165,650
Little Kanawha.....	1889	48.00	.....	.....	4	5	.....	.....	519,107
Monongahela.....	1899	41.00	.....	.....	7	7	.....	.....	1,719,587
Wisconsin—Fox.....	1856	160.40	.....	.....	5	27	.....	.....	3,149,295
Sturgeon bay.....	1881	1.36	160	.....	21	.....	.....	.....	504,596
Total.....	.....	3,644.60	.....	.....	.....	934	.....	.....	283,208,263

*Including improvements. †Included in Erie.

NOTE—The above list, it will be noted, includes a number of canalized rivers, and does not include canals completed since 1906.

THE HENNEPIN CANAL.

Preliminary surveys begun—1871.

Excavation begun—1892.

Work completed—1907.

Canal formally opened—Oct. 24, 1907.

Length of main channel—75 miles.

Length of feeder—29.3 miles.

Total length—104 miles.

Depth—7 feet.

Width at bottom—52 feet.

Width at water line—80 feet.

Locks on main canal—82.

Locks on feeder—1.

Total cost—\$7,500,000.

The Hennepin, or, more comprehensively, the Illinois and Mississippi canal, extends from the Illinois river near Hennepin to the Mississippi three miles below Rock Island. The navigable feeder extends from Rock river at Sterling and Rock Falls to the main line near Sheffield and is of the same size and just as navigable as the main line. Water is forced into it by a dam a quarter of a mile long at Sterling.

NEW YORK STATE BARGE CANAL.

Total length—442 miles.

Width—From 122 to 160 feet.

Depth—From 12 to 20 feet.

Locks—61.

Excavation—175,000,000 cubic yards.

Cost—\$101,000,000.

Work on the New York state barge canal, or sys-

tem of canals, according to estimates, will be completed in 1916. The main waterway will follow the line of the present Erie canal in most places from the Hudson river at Waterford, Saratoga county, to Tonawanda and Lake Erie; another division will

connect the Hudson with Lake Champlain, while a third branch will run from the main canal at Three Rivers Point to Lake Ontario. The waterway will be wide and deep enough to accommodate steam barges with a maximum capacity of 1,800 tons each.

GREAT SHIP CANALS OF THE WORLD.

CANAL.	Open'd.		L'ngth	Depth.	Width*	Cost.
	Year.	Miles.				
Corinth (Greece).....	1883	4	26.25	72		\$5,000,000
Kronstadt-St. Petersburg (Russia).....	1890	16	20.50	220		10,000,000
Elbe and Trave (Germany).....	1900	41	10	72		5,831,000
Kaiser Wilhelm (Germany).....	1895	61	29.50	72		37,128,000
Manchester ship (England).....	1894	35.5	26	120		75,000,000
Sault Ste. Marie (U. S.).....	1855	1.6	22	100		10,000,000
Sault Ste. Marie (Canada).....	1855	1.11	20.25	142		2,791,872
Suez (Egypt).....	1869	90	18	100		100,000,000
Welland (Canada).....	1887	26.75	14	100		25,000,000

*At the bottom.

CHRONOLOGY OF RECENT WARS.

SPANISH-AMERICAN WAR, 1898.

Maine blown up.....	Feb. 15
Diplomatic relations broken.....	April 21
Cuban blockade declared.....	April 22
War declared by Spain.....	April 24
War declared by United States.....	April 25
Dewey's victory at Manila.....	May 1
Hobson's Merrimac exploit.....	June 3
U. S. army corps lands in Cuba.....	June 21
Battle at El Caney and San Juan.....	July 1
Cervera's fleet destroyed.....	July 3
Santiago de Cuba surrenders.....	July 17
Peace protocol signed.....	Aug. 12
Surrender of Manila.....	Aug. 13
Peace treaty signed in Paris.....	Dec. 12

PHILIPPINE WAR, 1899-1902.

Hostilities begun.....	Feb. 4, 1899
Battles around Manila.....	Feb. 4-7, 1899
Battle at Pasig.....	March 13, 1899
Santa Cruz captured.....	April 25, 1899
San Fernando captured.....	May 5, 1899
Battle of Bacoor.....	June 13, 1899
Battle of Imus.....	June 16, 1899
Battle of Calamba.....	July 26, 1899
Battle of Calulut.....	Aug. 9, 1899
Battle at Angeles.....	Aug. 16, 1899
Maj. John A. Logan killed.....	Nov. 11, 1899
Gen. Gregorio del Pilar killed.....	Dec. 10, 1899
Gen. Lawton killed.....	Dec. 19, 1899
First commission appointed.....	Feb. 25, 1900
Aguinaldo captured.....	March 23, 1901
End of the war.....	April 30, 1902
Military governorship ended.....	July 4, 1902

ANGLO-BOER WAR, 1899-1902.

Boers declare war.....	Oct. 10, 1899
Boers invade Natal.....	Oct. 12, 1899
Battle of Glencoe.....	Oct. 20, 1899
Battle of Magersfontein.....	Dec. 10, 1899
Battle of Colesburg.....	Dec. 31, 1899
Splon Kop battles.....	Jan. 23-25, 1900
Kimberley relieved.....	Feb. 15, 1900
Gen. Cronje surrenders.....	Feb. 27, 1900
Ladysmith relieved.....	March 1, 1900
Mafeking relieved.....	May 17, 1900
Johannesburg captured.....	May 30, 1900
Orange Free State annexed.....	May 30, 1900
Pretoria captured.....	June 4, 1900
South African Republic annexed.....	Sept. 1, 1900
Gen. Methuen captured.....	March 7, 1902
Treaty of peace signed.....	May 31, 1902

RUSSO-JAPANESE WAR, 1904-1905.

Hostilities begun by Japan.....	Feb. 8, 1904
War declared.....	Feb. 10, 1904
Petravlovsk sunk.....	April 13, 1904
Battle of the Yalu.....	May 1, 1904
Battle ship Hatsuse sunk.....	May 15, 1904
Cruiser Yoshino sunk.....	May 15, 1904
Nanshan hill battles.....	May 21-27, 1904
Dalny captured.....	May 30, 1904
Vafangow battle.....	June 14, 1904
Kaipung captured.....	July 8, 1904
Port Arthur invested.....	July 20-31, 1904
Newchwang evacuated.....	July 25, 1904
Haicheng evacuated.....	Aug. 3, 1904

Port Arthur naval battle.....	Aug. 10, 1904
Battle of Liao yang.....	Aug. 26-Sept. 4, 1904
Battle of Sha river.....	Oct. 12-19, 1904
Dogger bank affair.....	Oct. 22, 1904
203-Meter hill captured.....	Nov. 30, 1904
North Keekwan captured.....	Dec. 18, 1904
Ehrungshan captured.....	Dec. 25, 1904
Sungshushan captured.....	Dec. 31, 1904
Port Arthur surrendered.....	Jan. 1-2, 1905
Battle of Helgoland.....	Jan. 27-Feb. 4, 1905
Battle of Mukden.....	Feb. 24-March 12, 1905
Battle of Sea of Japan.....	May 27-28, 1905
Roosevelt peace proposal.....	June 7, 1905
Sakhalin captured.....	July 31, 1905
Portsmouth peace conference.....	Aug. 9-23, 1905
Peace treaty signed.....	Sept. 5, 1905

TROOPS ENGAGED IN UNITED STATES WARS

Military and naval forces employed by the government since 1775.

War.	Date.	Total.
Revolution.....	1775-83	309,791
Northwestern Indian.....	1790-95	8,983
France.....	1793-1800	4,593
Tripoli.....	1801-05	3,330
Indian (Harrison).....	1811-13	910
War of 1812.....	1812-15	576,622
Creek Indian.....	1813-14	13,731
Seminole.....	1817-18	6,911
Winnebago (Wis.).....	1827	1,416
Sac and Fox (Ill.).....	1831	.....
Black Hawk.....	1832	6,465
Cherokee removal.....	1833-39	9,494
Seminole (Fla.).....	1835-42	41,122
Sabine Indian.....	1836-37	4,429
Creek (Ala.).....	1836-37	13,413
"Patriot" (frontier).....	1838-39	1,600
Seminole (Fla.).....	1842-58	.....
Mexico.....	1846-48	112,230
Cayuse Indian (Ore.).....	1848	1,116
Texas Indian.....	1849-56	4,243
Apache (Utah).....	1849-55	2,561
California Indian.....	1849-55	265
Utah Indian.....	1851-53	540
Oregon, Washington Indian.....	1851-56	5,145
Comanche.....	1854	502
Seminole.....	1855-58	2,637
Civil war.....	1861-65	2,773,304
Spanish-American.....	1898-99	312,536
Philippine.....	1899-1902	140,000
Pekin (China) expedition.....	1900-01	6,913
Total.....		4,371,869

The total in this table includes re-enlistments. The total number of individuals is estimated at 3,304,993, of whom 2,213,363 served in the civil war.

AMERICAN LOSSES IN SPANISH AND PHILIPPINE WARS.

From wounds or disease.

	Officers.	En. men.
May 1, 1898, to June 30, 1899.....	224	6,395
June 30, 1899, to July 1, 1900.....	74	1,930
July 1, 1900, to June 30, 1901.....	57	1,922

DATES OF RECENT HISTORICAL EVENTS.

- Aguineldo captured, March 23, 1901.
 Alaska boundary award made, Oct. 17, 1903.
 Albert I. ascended throne of Belgium, Dec. 17, 1909.
 Alfonso XIII. ascended throne of Spain May 17, 1902;
 attempted assassination of, in Paris, June 1, 1906.
 Amundsen, Roald, completes northwest passage, 1906;
 reaches south pole, Dec. 16, 1911.
 Anarchists pardoned by Algeid, June 26, 1893.
 Andree began arctic balloon trip, July 11, 1897.
 Anglo-American arbitration treaty signed, Jan. 11, 1897.
 Anglo-Boer war began, Oct. 10, 1899; ended May 31, 1902.
 Anglo-Japanese treaty signed, Jan. 30, 1902.
 Arizona admitted as a state, Feb. 14, 1912.
 Armenian massacres began in 1890; culminated in 1895, 1896 and 1897.
 Australian commonwealth inaugurated, Jan. 1, 1901.
 Balkan-Turkish war began, Oct. 8, 1912.
 Baltimore fire, Feb. 7, 1904.
 Battle ship cruise, American, Dec. 16, 1907, to Feb. 22, 1909.
 Bennington gunboat disaster, July 21, 1905.
 Bering sea seal treaty signed, Nov. 8, 1897.
 Bismarck resigned chancellorship, March 18, 1890; died, July 30, 1898.
 Borda, president, assassinated, Aug. 25, 1897.
 Bosnia and Herzegovina annexed by Austria, Oct. 6, 1908.
 Boer outbreak in China began, May, 1900.
 Boyertown (Pa.) theater fire and panic, Jan. 13, 1908.
 Brazil proclaimed a republic, Nov. 15, 1889.
 Bulgaria proclaims independence, Oct. 5, 1908.
 Cable, Pacific, laying of begun at San Francisco, Dec. 14, 1902.
 Campanile in Venice fell, July 14, 1902.
 Canadian reciprocity bill passed by congress and signed by President Taft, July 26, 1911; rejected by Canada, Sept. 21.
 Carlos I., king of Portugal, assassinated, Feb. 1, 1908.
 Carnot, president, assassinated, June 24, 1894.
 Caroline islands bought by Germany, Oct. 1, 1899.
 Cartago, Costa Rica, destroyed by earthquake, May 5, 1910.
 Chelsea (Mass.) fire, April 12, 1908.
 Cherry (Ill.) mine disaster, Nov. 13, 1909.
 China, revolution begins Sept. 7, 1911; republic proclaimed Dec. 29, 1911; Manchu dynasty abdicates Feb. 12, 1912.
 Cholera epidemic in Hamburg, Germany, August, 1892; in Russia and Italy, summer of 1910.
 Christian IX., king of Denmark, died Jan. 29, 1906.
 Christian X., proclaimed king of Denmark, May 15, 1912.
 Coal (anthracite) strike began, May 12, 1902; ended, Oct. 21, 1902.
 Corinth ship canal open, Aug. 6, 1893.
 Crib disaster, Chicago, Jan. 20, 1909.
 Cronin murder, May 4, 1889.
 Cuba under sovereignty of United States, Jan. 1, 1899.
 Cuban constitution signed, Feb. 21, 1901.
 Cuban-United States reciprocity treaty ratified March 19, 1903; bill to carry treaty into effect passed by congress Dec. 16, 1903.
 Cuban republic inaugurated, May 20, 1902; President Palma and cabinet resigned and American control established Sept. 29, 1905; Gen. Jose Miguel Gomez elected president, Nov. 14, 1908; American control relinquished, Jan. 28, 1909.
 Cuban revolt began, Feb. 24, 1895.
 Czolgosz, McKinley's assassin, tried and sentenced, Sept. 24, 1901; executed, Oct. 29, 1901.
 De Lesseps, Ferdinand, convicted of Panama fraud, Feb. 9, 1893.
 Delhi coronation durbar began, Dec. 29, 1902.
 Delyannis, Grecian premier, assassinated, June 13, 1905.
 Dewey's victory at Manila, May 1, 1898.
 Diaz, Porfirio, forced by revolutionists to resign presidency of Mexico, July 25, 1911.
 Dingley tariff bill signed, May 24, 1897.
 Dom Pedro exiled from Brazil, Nov. 15, 1889.
 Dreyfus, Capt., degraded and sent to Devil's Island, Jan. 4, 1895; brought back to France, July 3, 1899; new trial begun, Aug. 7; found guilty, Sept. 9; pardoned, Sept. 19, 1899; restored to rank in army, July 12, 1906, by decision of Supreme court of France; decorated with cross of Legion of Honor, July 21, 1906.
 Earthquake in India, April 4, 1905; in Calabria, Italy, Sept. 8, 1905, and Dec. 28, 1908. (See also San Francisco, Valparaiso, Kingston, Messina and Cartago.)
 Edward VII. proclaimed king, Jan. 24, 1901; crowned, Aug. 9, 1902; died, May 6, 1910.
 Elizabeth, empress of Austria, assassinated, Sept. 10, 1898.
 Fallieres, C. A., elected president of France, Jan. 17, 1906.
 Field, Marshall, died, Jan. 16, 1906.
 Fisheries (Atlantic) dispute settled by Hague court, June 1, 1910.
 Formosa transferred to Japan, June 4, 1895.
 Frederick VIII. succeeded to throne of Denmark, Jan. 29, 1906; died, May 14, 1912.
 Galveston tornado, Sept. 8, 1900.
 General Slocum disaster, June 15, 1904.
 George V. succeeded to British throne, May 6, 1910; crowned, June 22, 1911.
 Gladstone resigned premiership, March 2, 1894; died, May 19, 1898.
 Goebel, Gov. William, shot, Jan. 30, 1900; died, Feb. 3.
 Greco-Turkish war began, April 16, 1897; ended, May 11, 1897; peace treaty signed, Sept. 18, 1897.
 Haiti, President Leconte of, and 400 persons killed by explosion in palace, Aug. 8, 1912.
 Harriman, E. H., died, Sept. 9, 1909.
 Harrison, Benjamin, died, March 13, 1901.
 Harrison, Carter, Sr., assassinated, Oct. 28, 1893.
 Hawaii made a republic, July 4, 1894; annexed to United States, Aug. 12, 1896; made a territory, June 14, 1900.
 Hay-Pauncefote isthmian canal treaty signed, Nov. 18, 1901.
 Homestead (Pa.) labor riot, July 6, 1892.
 Hugo, Victor, centenary celebration begun in Paris, Feb. 26, 1902.
 Humbert, King, assassinated, July 29, 1900.
 Idaho admitted as a state, July 3, 1890.
 Irish land purchase law in force, Nov. 1, 1903.
 Iroquois theater fire, Dec. 30, 1903; lives lost, 575.
 Italian army routed in Abyssinia, March 1, 1896.
 Italian prisoners lynched in New Orleans, March 14, 1891.
 Italy declares war on Turkey over Tripoli dispute, Sept. 29, 1911; formally annexes Tripoli, Feb. 23, 1912; war ended, Oct. 18, 1912.
 Ito, Prince, assassinated, Oct. 26, 1909.
 Jameson raiders in Transvaal routed, Jan. 2, 1896.
 Japan, battle of Sea of, May 27-28, 1905.
 Japan declared war on China, Aug. 1, 1894; war ended, April 17, 1895.
 Japan-Russia war began, Feb. 7, 1904; ended, Sept. 5, 1905.
 Johnstown flood, May 31, 1889.
 Ketteler, Baron von, killed in Pekin, June 30, 1900.
 Kingston (Jamaica) earthquake and fire, Jan. 14, 1907.
 Kishinev massacre, April 20, 1903.
 Koch's lymph cure announced, Nov. 17, 1890.
 Kongo Free State annexed by Belgium, Aug. 20, 1908.
 Korea annexed by Japan, Aug. 28, 1910.
 Kossuth, Louis, died, March 20, 1894.
 Lawton, Gen. H. W., killed, Dec. 19, 1899.
 Letter wheat deal collapsed, June 13, 1898.
 Leopold II., king of Belgium, died, Dec. 17, 1909.
 Liliuokalani, queen of Hawaii, deposed, Jan. 16, 1893.
 Lufz Philippe, crown prince of Portugal, assassinated, Feb. 1, 1908.
 Madagascar annexed to France, Jan. 23, 1896.
 Maine blown up, Feb. 15, 1898; raised in 1911-1912 and sunk in the open sea off Havana, March 16, 1912.
 Manuel II., king of Portugal, deposed, Oct. 3-4, 1910.
 Marconi signals letter "S" across Atlantic, Dec. 11, 1901.
 Messina destroyed by earthquake, Dec. 28, 1908.
 Mexican revolution, Nov. 18, 1910, to May 25, 1911; President Diaz forced to resign, May 25, 1911.
 Meyerbeer centenary celebrated in Berlin, Sept. 5, 1891.
 Morocco conference began, Jan. 16, 1906.

Mukden, battle of, Feb. 24-March 12, 1905.
 McKinley, President, shot by anarchist, Sept. 6, 1901; died, Sept. 14, 1901.
 Nansen arctic expedition started, July 21, 1893; returned, Aug. 13, 1896.
 New Mexico admitted as a state, Jan. 6, 1912.
 Nicholas II. proclaimed czar of Russia, Nov. 2, 1894; crowned, May 26, 1896; attempted assassination of, Jan. 19, 1905.
 North Collinwood (O.) school disaster, March 4, 1903.
 Norge disaster, June 28, 1904.
 North pole reached by Commander Robert E. Peary, April 6, 1909.
 Norway dissolved union with Sweden, June 7, 1905.
 Oklahoma and Indian Territory admitted to union as state of Oklahoma, Nov. 16, 1907.
 Omdurman, battle of, Sept. 4, 1898.
 Oscar II., king of Sweden, died, Dec. 8, 1907.
 Panama canal property bought by the United States, Feb. 16, 1903.
 Panama fraud trials in Paris, Jan. 10 to March 21, 1893.
 Panama revolution, Nov. 3, 1903.
 Pan-American congress, first, began, Oct. 2, 1889; second, Oct. 23, 1902.
 Paris flood, Jan. 20-Feb. 1, 1910.
 Peace conference called by czar, Aug. 24, 1898; opened at The Hague, May 18, 1899; closed, July 29, 1899; second peace conference, June 15-Oct. 18, 1907.
 Peking captured by the allies, Aug. 15, 1900.
 Philippine-American war began, Feb. 4, 1899; ended, April 30, 1902.
 Philippines ceded to the United States, Dec. 10, 1898.
 Pope Leo XIII. died, July 20, 1903.
 Pope Pius X. elected, Aug. 4, 1903.
 Port Arthur captured by the Japanese from Chinese, Nov. 21, 1894; from Russians, Jan. 1, 1905.
 Porto Rico ceded to the United States, Dec. 10, 1898.
 Porto Rico hurricane, Aug. 8, 1899.
 Portugal, King Carlos and Crown Prince Luiz of, assassinated, Feb. 1, 1908; Manuel II. deposed and republic declared, Oct. 3-4, 1910.
 Postage between United States and Britain reduced to 2 cents, Oct. 1, 1908.
 Postal banks established in United States, Jan. 3, 1911.
 Pretoria captured by the British, June 4, 1900.
 Pullman strike began, May 11, 1894; boycott began, June 26; rioting in Chicago and vicinity, June and July; strike and boycott ended, August.
 Reciprocity (with Canada) bill passed by congress and signed by President Taft, July 26, 1911; rejected by Canada, Sept. 21, 1911.
 Rhodes, Cecil, died, March 26, 1902.
 Roentgen ray discovery made public, Feb. 1, 1896.
 Roosevelt, Theodore, became president of the United States, on death of McKinley, Sept. 14, 1901; elected to same office, Nov. 8, 1904.

Russia-Japan war began, Feb. 7, 1904; ended, Sept. 6, 1905.
 Salisbury, Premier, resigned, July 13, 1902; died, Aug. 22, 1903.
 St. Louis cyclone, May 27, 1896.
 St. Petersburg riots, Jan. 22, 1905.
 St. Pierre, Martinique, destroyed, May 8, 1902.
 San Francisco earthquake and fire, April 18-20, 1906.
 San Juan and El Caney, battles of, July 1, 1898.
 Santiago de Cuba, naval battle of, July 3, 1898.
 Santiago de Cuba surrendered, July 17, 1898.
 Schley inquiry ordered, July 26, 1901; began, Sept. 20; ended, Nov. 7; verdict announced, Dec. 13.
 Schurz, Carl, died, May 14, 1906.
 Sergius, Grand Duke, assassinated, Feb. 17, 1905.
 Serbia, king and queen of, assassinated, June 11, 1903.
 Shah of Persia assassinated, May 1, 1896.
 Simpton tunnel completed, Feb. 25, 1905.
 South pole reached by Capt. Roald Amundsen, Dec. 16, 1911.
 Spanish-American war began, April 25, 1898; peace protocol signed, Aug. 12, 1898; Paris peace treaty signed, Dec. 12; peace treaty ratified, Feb. 6, 1899.
 Springfield (Ill.) riots and lynchings, Aug. 14-15, 1908.
 Standard Oil decision by United States Supreme court, May 15, 1911.
 Stolypin, premier of Russia, shot by assassin, Sept. 14, 1911; died, Sept. 18.
 Stone, Ellen M., captured by brigands, Sept. 3, 1901; released, Feb. 23, 1902.
 Taft, William H., elected president of the United States, Nov. 3, 1908.
 Titanic steamship sunk, April 15, 1912.
 Tobacco trust decision, May 29, 1911.
 Transvaal republic annexed to Great Britain, Sept. 1, 1900.
 Turkey, sultan of, proclaimed constitution, July 24, 1908; Sultan Abdul Hamid deposed, April 27, 1909.
 Turkey, war with Italy over Tripoli began, Sept. 29, 1911; ended Oct. 18, 1912.
 Turkey, war with Balkan states began, Oct. 8, 1912.
 Union of South Africa proclaimed, May 31, 1910.
 Utan admitted as a state, Feb. 4, 1896.
 Valparaiso earthquake, Aug. 16, 1906.
 Venezuelan blockade by England, Germany and Italy began in first part of December, 1902; ended, Feb. 13, 1903.
 Vesuvius, great eruption of, April 1-10, 1906.
 Victor Emmanuel III., king of Italy, crowned, Aug. 11, 1902; attempt to assassinate, March 14, 1912.
 Victoria, queen of England, died, Jan. 22, 1901.
 Wilhelmina proclaimed queen of Holland, Aug. 31, 1898.
 Windsor hotel, New York, burned, March 17, 1899.
 World's Fair in Chicago opened, May 1, 1893; ended, Oct. 30, 1893.
 Wyoming admitted as a state, July 10, 1890.
 Yalu, battle of, Sept. 17, 1894.

UNIVERSITY BILL DECISION.

In a decision announced Feb. 23, 1912, the Supreme court of Illinois held that a legislative act, complete with its proposed amendments, must be printed and laid before the general assembly before it can reach its final enactment. The matter came before the court on an appeal from the Circuit court of Sangamon county in the suit of Dr. W. E. Neiberger, president of the Illinois State Homeopathic association, against State Treasurer Mitchell and State Auditor McCullough to restrain them from paying out any of the money appropriated for the maintenance by the University of Illinois of a medical school in Chicago on the ground that the act making the appropriation was unconstitutional. In the 1911 session of the legislature an item was inserted in the omnibus uni-

versity bill then in conference providing for \$60,000 a year, or \$120,000 for the two year period, for the maintenance of such a school. It was shown that the item had been inserted as an amendment on the last night of the session and that it had not been printed in conformity with the state constitution. Judge James A. Creighton, sitting in the Sangamon Circuit court, upheld the constitutionality of the act. An appeal was taken to the Supreme court, which reversed the decision and remanded the case to the lower court.

The decision was held to be of much significance from the fact that many other laws, some of great importance, might be invalidated for the same reason, having been passed during the rush hours of the last sessions of the legislature.

DEPTH TO WHICH MAN CAN DIVE.

According to August Siebe, inventor of a diving dress, the greatest depth to which a man has ever descended in the ocean is 204 feet. This is equivalent to a pressure of 88½ pounds to the square inch. The same authority gives 150 feet as the limit for safe work in diving. The ordinary depth

at which the diving dress is used is from 30 to 40 feet, but working at depths twice as great is not unusual, though difficult. Unless securely "anchored" a man at a depth of 50 or 60 feet can exert little force in any direction on account of his extreme buoyancy.

DEATHS OF NOTED MEN AND WOMEN (1890-1912).

- Abbey, Edwin A., Aug. 1, 1911.
 Aehrenthal, A. L., Feb. 17, 1912.
 Aldrich, T. B., March 13, 1907.
 Alexander III., Nov. 1, 1894.
 Alexis, May 1, 1910.
 Allen, Grant, Oct. 25, 1895.
 Allison, W. B., Aug. 4, 1908.
 Alma-Tadema, L., June 24, 1912.
 Altgeld, John P., March 12, 1902.
 Androssy, Count, Jan. 30, 1900.
 Anthony, Susan B., March 13, 1906.
 Arabi Pasha, Sept. 21, 1911.
 Armour, Philip D., Jan. 6, 1901.
 Arnold, Edwin, March 25, 1890.
 Astor, John Jacob, Feb. 23, 1904.
 Audran, Edmond, Aug. 19, 1901.
 Barnum, P. T., Oct. 7, 1891.
 Bartholdi, F. A., Oct. 4, 1904.
 Barton, Clara, April 12, 1912.
 Bascom, John, Oct. 2, 1911.
 Bequerel, A. H., Aug. 25, 1908.
 Beit, Alfred, July 16, 1906.
 Bellamy, Edward, May 22, 1898.
 Bellaw, Kyrle, Nov. 2, 1911.
 Belmont, August, Nov. 24, 1890.
 Belmont, O. H. P., June 10, 1908.
 Besant, Sir Walter, June 9, 1901.
 Bigelow, John, Dec. 3, 1911.
 Bismarck, Prince, July 30, 1898.
 Bjornson, Bjornstjerne, April 26, 1910.
 Black, William, Dec. 10, 1898.
 Blackie, J. S., March 3, 1895.
 Blaine, James G., Jan. 27, 1893.
 Blavatsky, Madame, May 9, 1891.
 Bliss, Cornelius N., Oct. 9, 1911.
 Blouet, Paul, May 24, 1903.
 Bonheur, Rosa, May 25, 1899.
 Booth, Edwin, June 7, 1893.
 Booth, William, Aug. 20, 1912.
 Brough, Edward S., June 20, 1912.
 Brahms, Johannes, April 2, 1897.
 Breton, Jules A., July 5, 1906.
 Brewer, David J., March 28, 1910.
 Bristow, Benj. H., June 22, 1896.
 Brooks, Phillips, Jan. 23, 1893.
 Brough, Lionel, Nov. 8, 1909.
 Buck, Dudley, Oct. 6, 1909.
 Bulow, Hans von, Feb. 13, 1894.
 Burdett-Coutts, Baroness, Dec. 30, 1906.
 Burnham, D. H., June 1, 1912.
 Butler, Gen. B. W., Jan. 11, 1893.
 Campbell-Bannerman, H., April 22, 1908.
 Carleton, H. G., Dec. 10, 1910.
 Carlisle, John G., July 31, 1910.
 Carlos I., Feb. 1, 1908.
 Carnot, President, June 24, 1894.
 Carte, D'Oyly, April 3, 1901.
 Casimir-Perier, March 12, 1907.
 Cervera, P., April 3, 1909.
 Chanute, Octave, Nov. 23, 1910.
 Childs, George W., Feb. 3, 1894.
 Corbin, Austin, Jan. 29, 1906.
 Chulalongkorn, Oct. 23, 1910.
 Clemens, Samuel L., April 21, 1910.
 Clement, Clay, Feb. 21, 1910.
 Cleveland, Grover, June 24, 1908.
 Colonne, Edouard, March 28, 1910.
 Constant, Benjamin, May 26, 1902.
 Cooke, Jay, Feb. 16, 1905.
 Coppee, Francois, May 23, 1908.
 Coquelin, B. C., Jan. 26, 1909.
 Coquelin, E. A. H., Feb. 8, 1909.
 Corbin, Austin, June 4, 1896.
 Corning, Erastus, Aug. 30, 1896.
 Crane, Richard T., Jan. 8, 1912.
 Crawford, F. M., April 9, 1909.
 Croke, Archbishop, July 22, 1902.
 Cronje, Piet, Feb. 4, 1911.
 Crook, George, March 19, 1890.
 Cummings, Amos J., May 2, 1902.
 Curie, Pierre, April 19, 1906.
 Curtin, Jeremiah, Dec. 14, 1906.
 Curtis, George W., Aug. 31, 1892.
 Curtis, William E., Oct. 5, 1911.
 Curzon, Lady, July 18, 1906.
 Cuyler, T. L., Feb. 26, 1909.
 Daly, Augustin, July 7, 1899.
 Dana, Charles A., Oct. 17, 1897.
 Daniel, John W., June 29, 1910.
 Davis, George R., Nov. 25, 1899.
 Davis, Mrs. Jefferson, Oct. 16, 1906.
 Davis, Winnie, Sept. 18, 1898.
 Davitt, Michael, May 31, 1906.
 De Martens, F., June 20, 1909.
 Dilke, Charles W., Jan. 26, 1911.
 Dingley, Nelson, Jan. 13, 1899.
 Dolliver, J. P., Oct. 15, 1910.
 Donnelly, Ignatius, Jan. 2, 1901.
 Douglass, Frederick, Feb. 20, 1895.
 Drachman, Holger, Jan. 15, 1908.
 Drexel, Anthony J., June 30, 1893.
 Drummond, Henry, March 11, 1897.
 Du Maurier, George, Oct. 8, 1896.
 Dumas, Alexandre, Nov. 27, 1895.
 Dunbar, Paul L., Feb. 9, 1904.
 Dvorak, Antonin, May 1, 1906.
 Eddy, Mary Baker, Dec. 3, 1910.
 Edward VII., May 6, 1910.
 Edwards, Amelia B., April 15, 1892.
 Eggleston, Edward, Sept. 3, 1902.
 Eggleston, Geo. Cary, April 14, 1911.
 Elizabeth, Empress, Sept. 10, 1898.
 Elkins, Stephen B., Jan. 1, 1911.
 Emmett, "Fritz," June 15, 1891.
 English, William H., Feb. 7, 1896.
 Evans, Robley D., Jan. 3, 1912.
 Everts, William M., Feb. 28, 1901.
 Fair, James G., Dec. 23, 1894.
 Fairchild, Lucius, May 23, 1896.
 Faithfull, Emily, June 1, 1895.
 Faience, B. L., July 23, 1903.
 Faure, Felix, Feb. 16, 1899.
 Fenn, G. M., Aug. 27, 1909.
 Field, Cyrus W., July 12, 1892.
 Field, Eugene, Nov. 4, 1895.
 Field, Kate, May 18, 1896.
 Field, Marshall, Jan. 16, 1906.
 Field, Richard M., Nov. 11, 1902.
 Field, Stephen J., April 9, 1899.
 Fisk, Clinton B., July 9, 1890.
 Florence, Wm. J., Nov. 19, 1891.
 Flower, Roswell P., May 12, 1899.
 Forbes, Archibald, March 30, 1900.
 Foss, Cyrus D., Jan. 29, 1910.
 Frederick VIII., May 14, 1912.
 Frederick, ex-Empress, Aug. 5, 1901.
 Fremont, John C., July 13, 1890.
 Fronte, James A., Oct. 20, 1894.
 Frye, William P., Aug. 8, 1911.
 Fuller, Melville W., July 4, 1910.
 Furness, H. H., Aug. 13, 1912.
 Gary, Joseph E., Oct. 31, 1906.
 Gates, John W., Aug. 9, 1911.
 George, Henry, Oct. 29, 1896.
 Gilbert, William S., May 2, 1911.
 Gilder, B. W., Nov. 18, 1909.
 Glanville, Patrick S., Sept. 24, 1892.
 Gladstone, Wm. E., May 15, 1898.
 Gladstone, Mrs. W. E., June 13, 1900.
 Goode, George B., Sept. 6, 1896.
 Goodsell, D. A., Dec. 5, 1909.
 Gould, Jay, Dec. 2, 1892.
 Gounod, Charles F., Oct. 18, 1893.
 Grant, F. D., April 11, 1912.
 Gray, Eliza, Jan. 21, 1901.
 Gresham, Walter Q., May 28, 1895.
 Grief, Edward, Sept. 4, 1907.
 Gullmunt, F. A., March 30, 1911.
 Hale, Edward E., June 10, 1908.
 Halsey, Ludovic, May 8, 1908.
 Halstead, Murat, July 2, 1909.
 Hamilton, Gail, Aug. 17, 1896.
 Hampton, Wade, April 11, 1902.
 Hanlon, Edward, Jan. 4, 1908.
 Hanna, Marcus A., Feb. 15, 1904.
 Harahan, J. T., Jan. 22, 1912.
 Harlan, John M., Oct. 14, 1911.
 Harper, William R., Jan. 10, 1906.
 Harriman, E. H., Sept. 9, 1909.
 Harris, Joel Chandler, July 3, 1908.
 Harris, William T., Nov. 5, 1909.
 Harrison, Benj., March 13, 1901.
 Harrison, Carter, Sr., Oct. 28, 1893.
 Hatch, Rufus, Feb. 23, 1893.
 Hay, John, July 1, 1905.
 Hayes, Rutherford B., Jan. 17, 1893.
 Hearn, Lafcadio, Sept. 26, 1904.
 Heilprin, Angelo, July 17, 1907.
 Henderson, David B., Feb. 25, 1906.
 Herne, James A., June 2, 1901.
 Hewitt, Abram S., Jan. 18, 1903.
 Hilkoft, M., March 21, 1909.
 Hill, David B., Oct. 20, 1910.
 Hitchcock, E. A., April 9, 1909.
 Hitt, John, April 29, 1911.
 Hitt, Robert R., Sept. 20, 1906.
 Hoar, George F., Sept. 30, 1904.
 Hoe, Robert, Sept. 22, 1909.
 Hobart, Garret A., Nov. 21, 1899.
 Holman, W. S., April 22, 1897.
 Holmes, Mary Jane, Oct. 6, 1907.
 Holmes, Oliver W., Oct. 7, 1894.
 Howard, O. O., Oct. 26, 1909.
 Howe, Julia Ward, Oct. 17, 1910.
 Humbert, King, July 29, 1900.
 Hunt, William H., Sept. 7, 1910.
 Huntington, C. P., Aug. 14, 1900.
 Huxley, Thomas H., June 29, 1894.
 Hyacinthe, Pere, Feb. 9, 1912.
 Ibsen, Henrik, May 23, 1906.
 Ignatieff, N. P., July 4, 1908.
 Ingalls, John J., Aug. 16, 1900.
 Ingersoll, Robert G., July 21, 1899.
 Irving, Henry, Oct. 13, 1905.
 Israels, Joseph, Aug. 12, 1911.
 Ito, Prince, Oct. 26, 1909.
 Jefferson, Joseph, April 23, 1905.
 Jewett, Sarah O., June 24, 1909.
 Joachim, Joseph, Aug. 15, 1907.
 Jokai, Maurus, May 5, 1904.
 Johnson, Eastman, April 6, 1906.
 Johnson, J. A., Sept. 2, 1909.
 Jones, Fernando, Nov. 8, 1911.
 Joubert, Gen., March 27, 1900.
 Judd, Orange, Dec. 27, 1892.
 Judge, Wm. Q., March 22, 1896.
 Judith, Mme., Oct. 27, 1912.
 Kelly, Myra, March 31, 1910.
 Kelvin, Lord, Dec. 17, 1907.
 Kjelland, Alexander, April 6, 1906.
 Knott, J. Proctor, June 8, 1911.
 Koch, Robert, May 27, 1910.
 Kossuth, Louis, March 20, 1894.
 Kruger, Paul, July 14, 1904.
 Kwang-Hsu, Nov. 14, 1908.
 Labouchere, Henry, Jan. 16, 1912.
 La Farge, John, Nov. 14, 1910.
 Lang, M. Del., Dec. 15, 1910.
 Lang, Andrew, July 21, 1912.
 Langley, Samuel P., Feb. 27, 1906.
 Larcom, Lucy, April 17, 1893.
 Lawton, H. W., Dec. 19, 1899.
 Le Febvre, J. J., Feb. 24, 1912.
 Leo XIII., July 20, 1903.
 Leopold II., Dec. 17, 1909.
 Li Hung Chang, Nov. 7, 1901.
 Lister, Joseph, Feb. 11, 1912.
 Logan, Olive, April 23, 1909.
 Lombroso, C., Oct. 19, 1909.
 Longpre, Paul, Dec. 29, 1911.
 Lorimer, George C., Sept. 8, 1904.
 Lossing, Benson J., June 3, 1891.
 Lowell, James R., Aug. 12, 1891.
 Loyson, Charles, Feb. 9, 1912.
 Lucca, Pauline, Feb. 28, 1908.
 Mace, Jem, Nov. 30, 1910.
 MacNaughton, Mrs. A., March 31, 1910.
 Magruder, Benjamin D., April 21, 1910.
 Mandel, Leon, Nov. 4, 1911.
 Manning, Cardinal, Jan. 14, 1892.
 Mansfield, Richard, Aug. 30, 1907.
 Maratzeq, Max, May 14, 1897.
 Marryat, Florence, Oct. 27, 1899.

Marsh, O. C., March 18, 1899.
 Massenet, Jules, Aug. 13, 1912.
 Mathews, William, Feb. 15, 1909.
 Maupassant, De, July 6, 1893.
 Mead, Larkin G., Oct. 15, 1910.
 Medill, Joseph, March 16, 1899.
 Meissonier, Jan. 31, 1891.
 Melville, Geo. W., March 17, 1912.
 Mendes, Catulle, Feb. 8, 1909.
 Menzel, Adolf, Feb. 9, 1905.
 Meredith, George, May 18, 1909.
 Merritt, Wesley, Dec. 3, 1911.
 Michel, Louise, Jan. 9, 1905.
 Millais, Sir John, Aug. 13, 1896.
 Millet, Francis D., April 15, 1912.
 Mills, L. L., Jan. 18, 1909.
 Mills, Roger Q., Sept. 2, 1911.
 Modjeska, Helena, April 8, 1909.
 Moody, Dwight L., Dec. 22, 1899.
 Morrison, W. R., Sept. 29, 1909.
 Morton, Paul, Jan. 19, 1911.
 Most, Johann, March 17, 1906.
 Moulton, Louise C., Aug. 10, 1908.
 Mutsaers, Emperor, July 30, 1912.
 Murrin, John, May 1, 1906.
 McCarthy, Justin, April 24, 1912.
 McClure, A. K., June 6, 1909.
 McCosh, James, Nov. 16, 1894.
 McKinley, William, Sept. 14, 1901.
 McKiver, Jas. H., March 7, 1896.
 Nation, Carrie, June 9, 1911.
 Newcomb, Simon, July 11, 1909.
 Nightingale, Florence, Aug. 14, 1910.
 Nixon, William P., Feb. 20, 1912.
 Nye, Edgar W., Feb. 21, 1896.
 Ochiltree, Thos., Nov. 26, 1902.
 Oliphant, Mrs. M., June 25, 1897.
 Orchardson, W. C., April 13, 1910.
 O'Reilly, John Boyle, Aug. 11, 1890.
 Oscar II., Dec. 8, 1907.
 "Ouida" (Louise de la Ramee), Jan. 24, 1908.
 Paine, Robert T., Aug. 11, 1910.
 Palma, Tomas E., Nov. 4, 1908.
 Palmer, John M., Sept. 25, 1900.
 Palmer, Potter, May 4, 1902.
 Parker, Joseph, Nov. 28, 1902.
 Parkman, Francis, Nov. 8, 1893.
 Passy, Frederick, June 12, 1912.
 Pastor, "Tony," Aug. 26, 1908.
 Paz, Jose C. P., March 10, 1912.
 Pearsons, Dan'l K., April 27, 1912.
 Perkins, Eli, Dec. 16, 1910.
 Pia, Maria, July 5, 1911.
 Plerrepont, Edwards, March 6, 1892.
 Pingree, Hazen S., June 18, 1901.
 Pittman, Ben, Dec. 28, 1910.

Platt, Thomas C., March 6, 1910.
 Playfair, Lyon, May 29, 1898.
 Poole, William F., March 1, 1894.
 Porter, Noah, March 4, 1892.
 Potter, Henry C., July 21, 1908.
 Pultitzer, Joseph, Oct. 29, 1911.
 Pullman, George M., Oct. 19, 1897.
 Pyle, Howard, Nov. 9, 1911.
 Randall, Samuel J., April 13, 1890.
 Reclus, Elise, July 4, 1905.
 Reed, Thomas B., Dec. 7, 1902.
 Remenyi, Edouard, May 15, 1898.
 Remington, F., Dec. 26, 1909.
 Renan, Joseph Ernst, Oct. 2, 1892.
 Rhodes, Cecil, March 26, 1902.
 Ridpath, John C., July 31, 1900.
 Ristori, Adelaide, Oct. 9, 1906.
 Robson, Stuart, April 29, 1903.
 Rogers, H. H., May 19, 1909.
 Rojstevsky, S., Jan. 14, 1909.
 Root, George F., Aug. 6, 1895.
 Rosewater, Edward, Aug. 21, 1906.
 Rubinstein, Anton G., Nov. 20, 1894.
 Ruskin, John, Jan. 20, 1900.
 Russell, Sir Chas., Aug. 10, 1900.
 Russell, Wm. H., Feb. 10, 1907.
 St. Gaudens, Augustus, Aug. 3, 1907.
 Sagasta, Praxedes M., Jan. 5, 1903.
 Sage, Russell, July 22, 1906.
 Salisbury, Lord, Aug. 22, 1903.
 Salvini, Alexandre, Dec. 14, 1896.
 Sampson, Wm. T., May 6, 1902.
 Sankey, Ira D., Aug. 13, 1908.
 Sarasate, Pablo de, Sept. 20, 1908.
 Sardon, Victorien, Nov. 8, 1903.
 Satoli, Francis, Jan. 8, 1910.
 Schaefer, Jacob, March 8, 1910.
 Schley, W. S., Oct. 2, 1911.
 Schlemann, H., Dec. 25, 1890.
 Schurz, Carl, May 14, 1906.
 Seidl, Anton, March 29, 1898.
 Shelley, Kate, Jan. 21, 1912.
 Sherman, J. S., Oct. 30, 1912.
 Sherman, John, Oct. 22, 1900.
 Sherman, W. T., Feb. 14, 1891.
 Sigel, Franz, Aug. 21, 1902.
 Smiles, Samuel, April 16, 1904.
 Smith, Goldwin, June 7, 1910.
 Smyth, J. M., Nov. 4, 1909.
 Spencer, Herbert, Dec. 8, 1903.
 Sprague, O. S. A., Feb. 20, 1909.
 Spreckels, Claus, Dec. 26, 1908.
 Stanford, Leland, June 20, 1893.
 Stanley, Henry M., May 10, 1904.
 Stanton, Elizabeth C., Oct. 26, 1902.
 Stead, William T., April 15, 1912.
 Stedman, Edmund C., Jan. 13, 1908.

Stockton, Frank R., April 20, 1902.
 Stolypin, A. A., Sept. 18, 1911.
 Strakosch, Max, March 17, 1892.
 Strauss, Johann, May 3, 1890.
 Sullivan, Sir Arthur, Nov. 22, 1900.
 Suppe, Franz von, June 21, 1896.
 Suro, Adolph, Aug. 4, 1898.
 Svendsen, J. S., June 14, 1911.
 Swinburne, A. C., April 10, 1909.
 Swing, David, Oct. 3, 1894.
 Talne, Hippolyte A., March 5, 1892.
 Talmage, Frank D. W., Feb. 9, 1912.
 Talmage, T. DeWitt, April 12, 1902.
 Tennyson, Alfred, Oct. 6, 1892.
 Terry, A. H., Dec. 16, 1890.
 Thaxter, Celia L., Aug. 27, 1894.
 Thurman, Allen G., Dec. 12, 1895.
 Tilton, Theodore, May 25, 1907.
 Tisza, Koloman de, March 23, 1902.
 Tolstoy, Leo, Nov. 20, 1910.
 Tourgee, Albion, May 21, 1905.
 Tschakowsky, Nov. 5, 1893.
 Tsu-Hsi, Nov. 15, 1905.
 Tuley, Murray F., Dec. 25, 1905.
 Twain, Mark, April 21, 1910.
 Tyndall, John, Dec. 4, 1893.
 Vanderbilt, Cornelius, Sept. 12, 1899.
 Verdi, Giuseppe, Jan. 27, 1901.
 Verne, Jules, March 24, 1905.
 Victoria, Queen, Jan. 22, 1901.
 Vilas, William F., Aug. 27, 1908.
 Villard, Henry, Oct. 12, 1900.
 Virchow, Rudolph, Sept. 5, 1902.
 Voorhees, D. W., April 10, 1897.
 Waite, C. B., March 25, 1902.
 Ward, John Q. A., May 1, 1910.
 Ware, Eugene F., July 2, 1911.
 Weaver, James B., Feb. 6, 1912.
 Wells, Kate G., Dec. 13, 1911.
 Wheeler, Joseph, Jan. 25, 1906.
 Whitney, Myron W., Sept. 19, 1910.
 Whitney, Wm. C., Feb. 2, 1904.
 Whittey, John G., Sept. 7, 1892.
 Whynefer, Edward, Sept. 16, 1911.
 Wilde, Oscar, Nov. 30, 1900.
 Wilhelmi, August, Jan. 23, 1908.
 Willard, Frances E., Feb. 17, 1898.
 Wilson, Augusta E., Aug. 9, 1908.
 Windom, William, Jan. 29, 1891.
 Winter, John S., Dec. 14, 1911.
 Wright, Carroll D., Feb. 20, 1909.
 Wright, Wilbur, May 30, 1912.
 Wyman, Walter, Nov. 21, 1911.
 Yates, Edmund H., May 20, 1894.
 Yeamans, Annie, March 3, 1912.
 Yerkes, Charles T., Dec. 29, 1905.
 Zola, Emile, Sept. 29, 1902.

THE HANFORD IMPEACHMENT CASE.

Cornellus H. Hanford, United States District Judge at Seattle, Wash., resigned July 22, 1912, while impeachment proceedings against him were still in progress. The charges against him included drunkenness, corrupt decisions and misconduct generally, but the specific act which led congress to take action looking to his forced retirement from the bench was his revocation of the citizenship papers of Leonard Olsson of Tacoma, Wash., a member of the socialist labor party and of the Industrial Workers of the World. In appearing as a witness for another man Olsson said he was not attached to the constitution of the United States. The man who began disfranchisement proceedings against Olsson was John Speed Smith, chief naturalization examiner for Oregon, Washington, Idaho and Montana. He testified before the congressional

subcommittee in Seattle that Olsson on two occasions had sworn that he was not attached to the principles of the constitution and that in the disfranchisement proceedings before Judge Hanford he testified that he did not "worship the constitution idolatrously and was not superstitiously attached to it."

The impeachment proceedings against Judge Hanford were brought by Congressman Victor L. Berger, socialist, of Wisconsin, in the house of representatives July 7, when a resolution was offered by him directing the committee on judiciary to inquire into the alleged misconduct of the judge. The resolution was adopted June 13 without opposition and the inquiry was begun by a subcommittee June 27, continuing until July 22, when the hearing was stopped owing to the resignation of Judge Hanford.

PRESIDENT OF HAITI KILLED.

The national palace at Port au Prince, Haiti, was blown up by a powder explosion and burned to the ground at 3 a. m., Aug. 8, 1912, and the president of the republic, Gen. Cincinnatus Leconte, was killed. Four hundred other persons in the building at the time were killed or injured, though the members of the president's family managed to

escape. The executive kept a large quantity of ammunition in the cellars of the palace for use in case of an uprising, but whether the explosion was the result of a plot or was accidental could not be ascertained. Gen. Tancrede Auguste was named as president by the national assembly.

NATIONAL NOMINATING CONVENTIONS SINCE 1880.

Place and date of each and names of nominees for president and vice-president in the order named:

- 1880—Democratic: Cincinnati, O., June 22-24; Winfield S. Hancock and William H. English.
 Republican: Chicago, Ill., June 2-8; James A. Garfield and Chester A. Arthur.
 Greenback: Chicago, Ill., June 9-11; James B. Weaver and B. J. Chambers.
 Prohibition: Cleveland, O., June 17; Neal Dow and A. M. Thompson.
 1884—Democratic: Chicago, Ill., July 8-11; Grover Cleveland and Thomas A. Hendricks.
 Republican: Chicago, Ill., June 3-6; James G. Blaine and John A. Logan.
 Greenback: Indianapolis, Ind., May 28-29; Benjamin F. Butler and Alanson M. West.
 American Prohibition: Chicago, Ill., June 19; Samuel C. Pomeroy and John A. Conant.
 National Prohibition: Pittsburg, Pa., July 23; John P. St. John and William Daniel.
 Anti-Monopoly: Chicago, Ill., May 14; Benjamin F. Butler and Alanson M. West.
 Equal Rights: San Francisco, Cal., Sept. 20; Mrs. Belya A. Lockwood and Mrs. Marietta L. Stow.
 1888—Democratic: St. Louis, Mo., June 5; Grover Cleveland and Allen G. Thurman.
 Republican: Chicago, Ill., June 19; Benjamin Harrison and Levi P. Morton.
 Prohibition: Indianapolis, Ind., May 20; Clinton B. Fisk and John A. Brooks.
 Union Labor: Cincinnati, O., May 15; Alson J. Streeter and Samuel Evans.
 United Labor: Cincinnati, O., May 15; Robert H. Cowdrey and W. H. T. Wakefield.
 American: Washington, D. C., Aug. 14; James L. Curtis and James R. Greer.
 Equal Rights: Des Moines, Iowa, May 15; Mrs. Belya A. Lockwood and Alfred H. Love.
 1892—Democratic: Chicago, Ill., June 21; Grover Cleveland and Adlai E. Stevenson.
 Republican: Minneapolis, Minn., June 7-10; Benjamin Harrison and Whitelaw Reid.
 Prohibition: Cincinnati, O., June 29; John Bidwell and J. B. Cranfill.
 National People's: Omaha, Neb., July 2-5; James B. Weaver and James G. Field.
 Socialist-Labor: New York, N. Y., Aug. 28; Simon Wing and Charles H. Matchett.
 1896—Democratic: Chicago, Ill., July 7; William J. Bryan and Arthur Sewall.
 Republican: St. Louis, Mo., June 16; William McKinley and Garret A. Hobart.
 People's Party: St. Louis, Mo., July 22; William J. Bryan and Thomas E. Watson.
 Silver Party: St. Louis, Mo., July 22; William J. Bryan and Arthur Sewall.
 National Democratic: Indianapolis, Ind., Sept. 2; John M. Palmer and Simon B. Buckner.
 Prohibition: Pittsburg, Pa., May 27; Joshua Levering and Hale Johnson.
 National Party: Pittsburg, Pa., May 28; Charles E. Bentley and James H. Southgate.
 Socialist-Labor: New York, N. Y., July 6; Charles H. Matchett and Matthew Maguire.
 1900—Democratic: Kansas City, Mo., July 4-6; William J. Bryan and Adlai E. Stevenson.
 Republican: Philadelphia, Pa., June 19-21; Wil-

- liam McKinley and Theodore Roosevelt.
 People's Party: Sioux Falls, S. D., May 9-10; William J. Bryan and Adlai E. Stevenson.
 People's Party (Middle-of-the-Road): Cincinnati, O., May 9-10; Wharton Barker and Ignatius Donnelly.
 Silver Republican: Kansas City, Mo., July 4-6; William J. Bryan and Adlai E. Stevenson.
 Prohibition: Chicago, Ill., June 27-28; John G. Woolley and Henry B. Metcalf.
 Socialist-Labor: New York, N. Y., June 2-8; Joseph P. Malloney and Valentine Remmel.
 Social Democratic Party of the United States: Rochester, N. Y., Jan 27; Job Harriman and Max S. Hayes.
 Social Democratic Party of America: Indianapolis, Ind., March 6; Eugene V. Debs and Job Harriman.
 Union Reform: Baltimore, Md., Sept. 3; Seth W. Ellis and Samuel T. Nicholson.
 1904—Democratic: St. Louis, Mo., July 6-9; Alton B. Parker and Henry G. Davis.
 Republican: Chicago, Ill., June 21-23; Theodore Roosevelt and Charles W. Fairbanks.
 People's party: Springfield, Ill., July 4-6; Thomas E. Watson and Thomas H. Tibbles.
 Prohibition: Indianapolis, Ind., June 29-July 1; Silas C. Swallow and George W. Carroll.
 Socialist-Labor: New York, N. Y., July 3-9; Charles H. Corregan and William W. Cox.
 Socialist-Democratic Party of America: Chicago, Ill., May 1-6; Eugene V. Debs and Benjamin Hanford.
 Continental: Chicago, Ill., Aug. 31; Charles H. Howard and George H. Shibley. (Nominees declined and Austin Holcomb and A. King were substituted by the national committee.)
 1908—Republican: Chicago, June 16-19; William H. Taft and James S. Sherman.
 Democratic: Denver, July 7-10; William J. Bryan and John W. Kern.
 Socialist: Chicago, May 10-18; Eugene V. Debs and Benjamin Hanford.
 Prohibition: Columbus, O., July 15-16; Eugene W. Chafin and Aaron S. Watkins.
 Independence: Chicago, July 27-28; Thomas L. Higen and John Temple Graves.
 People's: St. Louis, April 2-5; Thomas E. Watson and Samuel W. Williams.
 United Christian: Rock Island, Ill., May 1; Daniel Braxton Turney and S. P. Carter.
 Socialist-Labor: New York, July 2-5; Martin R. Preston and Donald L. Munro. (Preston declined and August Gillhaus was named in his place.)
 1912—Democratic: Baltimore, June 25-July 3; Woodrow Wilson and Thomas Riley Marshall.
 Republican: Chicago, June 18-22; William Howard Taft and James Schoolcraft Sherman.
 Progressive: Chicago, Aug. 5-7; Theodore Roosevelt and Hiram W. Johnson.
 Socialist: Indianapolis, May 12-18; Eugene V. Debs and Emil Seidel.
 Prohibition: Atlantic City, July 10-12; Eugene W. Chafin and Aaron S. Watkins.
 Socialist-Labor: New York, April 7-10; Arthur Reimer and August Gillhaus.
 Populist: St. Louis, Aug. 13; no nominations made.

THE ASSOCIATED PRESS (1912-1913).

President—Frank B. Noyes, Washington, D. C.
 First vice-president—Cnas H. Taylor, Boston, Mass.
 Second vice-president—Crawford Hill, Denver, Col.
 Secretary and general manager—Melville E. Stone, New York, N. Y.
 Assistant to general manager—Frederick R. Martin, New York, N. Y.
 Treasurer—J. R. Youatt, New York, N. Y.
 Directors—Thomas G. Rapier, New Orleans Picayune; Herman Ridder, New York Staats Zeitung; Victor F. Lawson, Chicago Daily News; Charles A. Rook, Pittsburgh Dispatch; Clark Howell, Atlanta Constitution; Charles W. Knapp, St. Louis Republic; Frank B. Noyes, Washington Star; Adolph S. Ochs, New York Times; W. L. McLean, Philadelphia Bulletin; W. R. Nelson, Kansas City

Star; V. S. McClatchy, Sacramento Bee; A. C. Weiss, Duluth Herald; Charles H. Clark, Hartford Courant; W. H. Cowles, Spokane Spokesman-Review; Samuel Bowles, Springfield Republican.
 Executive committee—Frank B. Noyes, Washington; Victor F. Lawson, Chicago; Charles W. Knapp, St. Louis; Charles H. Clark, Hartford; Adolph S. Ochs, New York; W. L. McLean, Philadelphia.

AMERICAN NEWSPAPER PUBLISHERS' ASSOCIATION.

President—Elbert H. Baker, Cleveland, O.
 Vice-president—Herbert L. Bridgman, Brooklyn, N. Y.
 Secretary—Stewart Bryan, Richmond, Va.
 Treasurer—William J. Pattison, New York, N. Y.

THE CARNEGIE HERO FUND.

April 15, 1904. Andrew Carnegie placed in the hands of a commission the sum of \$5,000,000 to be known as "the hero fund." Its purpose is to reward with medals and money the men and women who perform heroic deeds, or, in case they lose their lives, to care for those dependent upon them. Widows are given support until they remarry and children are given allowances until they are 16 years of age. Only such as follow peaceful vocations on sea or land in the United States and Canada are eligible to become beneficiaries of the fund. The first awards of medals and money were made in May and others in October, 1905. The names of the recipients, with the reason for the award in each case, will be found in The Daily News Almanac and Year-Book beginning with the volume for 1906.

Up to Oct. 15, 1912, the commission had considered 9,160 cases and had made 635 awards of medals and money. The total amount expended up to Jan. 1, 1912, was \$726,243.96. The pensions in force aggregated \$41,220 a year.

AWARDS MADE OCT. 18, 1911.

Charles F. Lentino, aged 22, plumber, saved a number of persons from burning in New York, N. Y., Oct. 5, 1908; silver medal and \$2,000.

William H. Shaw, aged 22, locomotive wiper, died trying to save John McK. Ritchie from drowning at Medicine Hat, Alberta, July 18, 1909; silver medal and \$1,100 to mother.

Albert E. Johnson, aged 47, farmer, died attempting to save Frederick A. Herboldshelmer from suffocation in a well at Powell, Wyo., Feb. 14, 1910; silver medal, \$1,071.36 and \$50 a month to widow.

Alexander Fraser, aged 46, fireman, died attempting to save Frank O. Stenberg from burning at Allston, Mass., Jan. 16, 1907; silver medal and \$45 a month to widow.

Cosimo Gisondi, aged 27, track laborer, died trying to save Tony Flakehart from being run over by train at Fond du Lac, N. Y., Aug. 25, 1909; silver medal and \$55 a month to widow.

M. Woodhull Blanchard, aged 29, clerk, died trying to save John Gelsinger from being drowned at Keansburg, N. J., Aug. 25, 1910; silver medal and \$50 a month to widow.

Henry E. Kuphal, aged 29, mining engineer, helped save Mattie Roderick from drowning at Libby, Mont., June 15, 1910; silver medal and \$1,000.

Charles E. Marshall, aged 36, forest ranger, helped save Mattie Roderick (see preceding case); silver medal and \$1,000.

William E. Dawson, aged 35, merchant, helped save H. E. Kuphal and Mattie Roderick (see preceding case); bronze medal and \$1,000.

John T. Brown, aged 46, mine foreman, helped to save four miners from suffocation at Sebastopol, Pa., Jan. 10, 1911; silver medal and \$1,000.

James L. Conlon, aged 36, assistant mine foreman, helped in preceding case; bronze medal and \$1,000.

Martin F. Mangan, aged 26, mine foreman, assisted in Sebastopol rescue; bronze medal and \$1,000.

Andrew Devers, aged 54, miner, assisted in Sebastopol rescue; bronze medal and \$1,000.

Jacob Modio, aged 22, mine driver, assisted in Sebastopol rescue; bronze medal and \$1,000.

Andrew J. Horan, aged 44, miner, assisted in Sebastopol rescue; bronze medal and \$1,000.

Michael J. Madden, aged 37, mine foreman, assisted in Sebastopol rescue; bronze medal and \$1,000.

Michael L. Belangie, aged 33, miner, died trying to save Dennis Lynch and Stephen Hogan from suffocation at Butte, Mont., Jan. 14, 1911; silver medal, \$1,350 and \$80 a month to widow.

Philip D. Joughin, aged 35, miner, assisted in Lynch-Hogan case; bronze medal and \$1,000.

Frank Faulkner, aged 28, miner, assisted in same case; bronze medal and \$1,000.

Murdoch Murray, aged 39, miner, assisted in same case; bronze medal and \$1,000.

Frederick A. Babcock, aged 25, miner, assisted in same case; bronze medal and \$1,000.

Alfred B. Kanaly, aged 15, schoolboy, saved Mary E. Murphy and Lillie E. Moran from drowning at Falls City, Neb., Aug. 16, 1910; silver medal.

Archibald H. Davis, aged 19, student, attempted to save R. M. Hazzard from drowning at Tallulah Falls, Ga., Aug. 10, 1909; silver medal.

Cirio Achille, aged 26, laborer, attempted to save George Palmer from drowning at Tribes Hill, N. Y., Dec. 12, 1910; bronze medal.

J. Stewart Bryson, aged 18, student, saved Maurice Gershuny from drowning at Covington, Ky., July 11, 1910; bronze medal.

Marius E. Benson, aged 53, manufacturer, tried to save two women from drowning at Clover Bend, Ark., Aug. 23, 1910; bronze medal.

John Murdock, aged 35, farmer, attempted to save Leland V. Whitling from drowning at Clitherrall, Minn., Dec. 1, 1910; bronze medal.

William F. Neff, aged 45, merchant, helped save A. F. Sharer from drowning at Allentown, Pa., July 14, 1911; bronze medal.

William M. Laird, aged 68, farm hand, rescued Vera M. Anderson from burning at Bobcaygeon, Ont., Jan. 9, 1911; bronze medal and \$500.

John G. Walker, colored, aged 29, drayman, rescued several persons from a runaway at Madison, Ga., June 27, 1909; bronze medal and \$500.

Anna E. Sutton, aged 19, student, saved Anna M. Blake from drowning at Naples, N. Y., Aug. 3, 1907; bronze medal and \$1,000.

Charles A. Foster, aged 22, apprentice carpenter, saved boy and girl from drowning at Sherrill, N. Y., Jan. 22, 1911; bronze medal and \$1,000.

Charles A. Kuhr, aged 25, chauffeur, saved Lena Krueger from runaway in Cincinnati, O., June 10, 1911; bronze medal and \$1,000.

Clinton B. Runner, aged 19, farmer, saved three children from death in a prairie fire at Hershey, Neb., March 26, 1910; bronze medal and \$1,000.

James M. Snyder, aged 59, farm foreman, rescued Phelon Hausman from a fierce bison at Schnecks-ville, Pa., March 3, 1911; bronze medal and \$1,000.

Abraham T. Matthews, aged 34, laborer, saved child from being run over by train at Tunkhannock, Pa., July 24, 1910; bronze medal and \$1,000.

Charles A. Smith, colored, attempted to save Theodore Dilhof from suffocation in a sewer at Cincinnati, O., Nov. 26, 1910; bronze medal and \$1,000.

Frederick W. Morrice, aged 30, reporter, saved boy from being burned to death at Goshen, Ind., Nov. 3, 1909; bronze medal and \$1,000.

Louis J. Bruya, aged 36, telegrapher, saved an old man from being run over by train at Montpelier, Vt., May 11, 1910; bronze medal and \$1,000.

Alexander Morton, Sr., aged 56, miner, saved Louis Davidson from drowning at Revere, Mass., Aug. 19, 1910; bronze medal and \$1,000.

Patrick H. Campbell, aged 27, groundkeeper, saved Charles D. Stone from drowning at Worcester, Mass., Aug. 27, 1909; bronze medal and \$1,000.

Howard L. Davis, aged 27, lamp maker, saved boy from burning at West Haven, Conn., March 24, 1911; bronze medal and \$1,215.

Alexander J. Bonner, aged 25, sign painter, saved William I. Decker from death by catching him as he fell from a window in Philadelphia, Pa., March 25, 1909; bronze medal and \$1,500.

James Shaw, aged 40, foreman, saved Harry M. Videan from death in a machine at Goderich, Ont., Sept. 14, 1908; bronze medal and \$1,500.

Leonard F. Elder, aged 39, salesman, died attempting to save Ralph B. Shugert from drowning at Indianapolis, Ind., July 4, 1911; bronze medal and \$80 a month to widow.

Walter E. Baker, aged 17, waiter, saved two young women from drowning at Long Lake, N. Y., July 30, 1908; bronze medal and \$2,000.

Andrew E. Fleming, aged 19, rodman, saved Mildred E. Cassidy from drowning at Covington, Ky., Feb. 3, 1911; bronze medal and \$2,000.

Rowland F. Bell, aged 19, painter, saved young man from drowning at Toronto, Ont., June 27, 1909; bronze medal and \$2,000.

Edgar A. Current, aged 14, schoolboy, assisted in attempt to save Chester Snowberger and Albert Nierman from drowning at Fort Wayne, Ind., Aug. 6, 1909; bronze medal and \$2,000.

Claude Bowserman, aged 14, schoolboy, assisted in preceding case; bronze medal and \$2,000.

Edward T. Rasmussen, aged 15, laborer, saved Henry M. Merritt from drowning at Fairport Harbor, O., Aug. 6, 1909; bronze medal and \$2,000.

Charles H. J. Pickett, aged 14, schoolboy, saved a companion from drowning at Laceyville, Pa., Aug. 13, 1910; bronze medal and \$2,000.

Lewis A. Spinner, aged 10, schoolboy, tried to save a younger boy from drowning at Lockport, N. Y., Jan. 27, 1911; bronze medal and \$2,000.

Thomas L. Marquis, Jr., aged 19, student, died trying to save Myrtle Lewis from drowning at Bartow, Fla., July 1, 1910; bronze medal to mother.

Irving C. Paulding, aged 40, electrical engineer, died trying to save Bessie E. Drake from drowning at Rhinebeck, N. Y., Aug. 23, 1910; bronze medal to sister.

Russell L. Manlove, aged 14, schoolboy, died trying to save younger boy from drowning at Indianapolis, Ind., July 7, 1910; bronze medal and \$250 to mother.

Augustus C. Anderson, aged 26, student, died trying to save boy from drowning at Jackson, Miss., Aug. 3, 1909; bronze medal and \$250 to father.

Lars O. Risvold, aged 36, laborer, died trying to save two well diggers from suffocation at Aylesbury, Sask., Nov. 22, 1907; bronze medal and \$800 to father.

William H. Williams, aged 30, farmer, died attempting to save G. L. Woolard from drowning at Hartford City, Ind., May 31, 1911; bronze medal and \$25 a month to widow.

AWARDS MADE JAN. 17, 1912.

Saul M. Kriger, aged 19, student, died attempting to save Nelson Staley from drowning at St. Ignace, Mich., Aug. 23, 1911; silver medal to father.

Paul Jones, Jr., aged 24, student, attempted to save two men from drowning at Cambridge, Mass., Jan. 9, 1909; bronze medal.

Mrs. Della R. Powers, aged 32, housewife, saved boy from being run over by car at Richdale, Mass., Dec. 9, 1909; bronze medal and \$1,000.

Charles V. Swain, aged 23, student, saved John Halton from drowning at Sarasota, Fla., Dec. 29, 1909; bronze medal and \$1,000.

Peter C. Banfield, aged 27, foreman of linemen, rescued John F. Casey from electric shock at Windsor, Conn., Nov. 27, 1909; bronze medal and \$1,000.

Levi Jackson, aged 32, fisherman, helped save William H. Haskell and others from drowning at Edgartown, Mass., Jan. 23, 1910; bronze medal and \$2,000.

Patrick S. Kelly, aged 22, fisherman, assisted in Edgartown rescue; bronze medal and \$1,000.

Louis A. Doucette, aged 32, fisherman, assisted in Edgartown rescue; bronze medal and \$1,000.

Henry A. Kelly, aged 24, fisherman, assisted in Edgartown rescue; bronze medal and \$1,000.

Eugene L. Benfito, aged 37, fisherman, assisted in Edgartown rescue; bronze medal and \$1,000.

G. Grey Evans, aged 15, student, died trying to save John R. Driggers from drowning at Chickasha, Okla., June 1, 1910; bronze medal to father.

William F. Leland, aged 27, captain, died attempting to save negro deckhand from drowning at McClellansville, S. C., May 24, 1911; bronze medal and \$250 to father.

Hector L. MacDonald, aged 12, schoolboy, died trying to save Richard F. Fahey, aged 11, from drowning at Boston, Mass., March 25, 1910; bronze medal and \$500 to father.

Myron L. Renolds, aged 15, schoolboy, died saving Philip E. Rollins, aged 9, from drowning at Riverside, Me.; bronze medal and \$500 to father.

Frank R. Benton, aged 16, farm hand, died trying to save David Brownell from drowning at Huron, O., June 25, 1911; bronze medal and \$1,025 to father.

Elmer R. Martins, aged 16, delivery boy, died saving a younger boy from drowning at Cleveland, O., June 6, 1911; bronze medal and \$1,000 to father.

William R. Howe, aged 33, lock tender, died attempting to save J. G. Myers from drowning at Johnsonville, N. Y., July 23, 1911; bronze medal, \$125 cash and pension of \$45 a month to widow.

John E. Cook, aged 17, painter, died trying to save farm hand from drowning at Seaford, Del.,

Dec. 27, 1910; bronze medal and \$20 a month to mother.

Mack Stallworth, colored, aged 33, oil tank cleaner, died saving Squire Bradford from suffocation at Port Arthur, Tex., June 25, 1910; bronze medal and \$25 a month to widow.

Bernard Schneider, Sr., aged 45, farmer, died saving boy from drowning at St. Peters, Mo., July 23, 1911; bronze medal and \$50 a month to widow.

William McSweeney, aged 36, bartender, died attempting to save young woman from drowning at Utica, N. Y., Nov. 4, 1911; bronze medal and \$55 a month to widow.

John F. Van Derkar, aged 40, coremaker, died trying to save Salvatore Sitero from drowning at Hoosick Falls, N. Y., Aug. 20, 1911; bronze medal and \$70 a month to widow.

William A. Norman, aged 35, barber, died trying to save unknown person from runaway at Pittsfield, Mass., June 9, 1911; bronze medal and \$60 a month to widow.

Daniel F. Allen, aged 26, electrician, attempted to save William F. Wolters from suffocation at Olean, N. Y., Aug. 21, 1911; bronze medal and \$1,000.

Joseph R. Haase, aged 32, brewery worker, died trying to save William F. Wolters from suffocation at Olean, N. Y., Aug. 21, 1911; silver medal and \$60 a month to widow.

Samuel A. Wetton, aged 52, foreman, helped to save Andrew Anderson from drowning at Superior, Wis., April 10, 1910; silver medal and \$1,000.

John Conley, aged 36, blacksmith, assisted in foregoing case; bronze medal and \$1,000.

William J. Munnings, aged 17, blacksmith, assisted in Anderson rescue; bronze medal and \$1,000.

Oren G. Buchner, aged 18, student, saved Saydell Guttery from drowning at Middletown, Ill., Jan. 16, 1910; bronze medal and \$1,000.

Clara Hogstad, aged 20, stenographer, attempted to save Joseph Schutz, aged 70, from being run over by a train at Lafayette, Pa., Sept. 23, 1910; silver medal and \$1,000.

Henry S. Moore, aged 44, hoist operator, saved a boy from drowning at Sydney, N. S., Feb. 7, 1911; silver medal and \$2,000.

Percy E. Morrell, aged 26, manager, tried to save Charles W. Lane from being run over by train at New York, N. Y., Jan. 7, 1910; silver medal and \$3,000.

Clark H. Presley, aged 43, driver, died trying to save a child from being run over by a street car at Nottingham, O., Aug. 31, 1911; silver medal to son.

Mrs. Cazanda M. Owen, aged 42, died trying to rescue three women from a runaway at Brashear, Tex., May 31, 1905; silver medal to husband.

William M. Hoffman, aged 29, a polisher, died trying to save boy from drowning at New Hartford, Conn., Jan. 23, 1911; silver medal and \$25 a month to mother.

Edward S. Saunders, aged 57, baggage master, died trying to save two women from being run over by a train at Elizabeth, N. J., April 16, 1911; silver medal and \$50 a month to widow.

Adam Elchele, aged 35, carpenter, died trying to save boy from drowning at Green Island, N. Y., Sept. 6, 1911; silver medal and \$50 a month to widow and \$30 a month to mother.

AWARDS MADE APRIL 26, 1912.

Nathan Duncan, aged 41, colored, farmer, saved William C. Anderson, well digger, from cave-in at Westpoint, Tex., Aug. 5, 1907; gold medal and \$2,000.

Forest W. McNeil, contractor, saved city fireman from burning in Houston, Tex., Feb. 12, 1910; gold medal.

H. Burdette Martin, farmer, died attempting to save Eva S. Wheeler from suffocation at Thermopolis, Wyo., May 8, 1910; silver medal and \$2,000 to widow and \$30 a month pension with \$5 a month for each of five children.

Oliver K. Harwood, civil engineer, died attempting to save fellow engineer from suffocation at Syracuse, N. Y., Sept. 1, 1911; silver medal and \$50 a month to widow.

John H. Simmons, farmer, died trying to save night watchman from suffocation at Nebo, N. C.,

Sept. 29, 1911; silver medal and \$30 a month to widow with \$5 a month for son.

James M. Rose, switchman, died attempting to save Louise Potts from being run over by train in Cincinnati, O., Jan. 22, 1912; silver medal and \$45 a month to widow with \$5 a month for son.

Newton W. Joyce, crossing watchman, died in attempting to save Louise Potts from being run over by a train in Cincinnati, O., Jan. 22, 1912; silver medal and pension of \$35 a month to widow.

Thomas F. Maher, crossing switchman, died trying to save Jennie S. Kinsella and Ellen L. Sheehan from being run over by a train at Lancaster, N. Y., April 16, 1911; silver medal and \$30 monthly pension to widow.

Robert M. Meek, miner, died attempting to save E. A. Sutton from suffocation Feb. 19, 1911; silver medal and \$45 a month to widow.

William A. Easton, mine foreman, attempted to save two men from suffocation at Coakdale, Col., Feb. 10, 1911; bronze medal and \$1,000.

Joan J. Wilber, mine track layer, died trying to save indeterminate person or persons from suffocation at Panama, Ill., after gas explosion, Nov. 11, 1910; silver medal and \$50 a month to widow.

Emil F. Grabuck, mine superintendent, attempted rescue in foregoing case; silver medal and \$1,000.

Arthur McReaken, miner, attempted rescue in Panama (Ill.) case; silver medal and \$1,000.

James W. Blaylock, aged 29, miner, saved Arthur McReaken from suffocation at Panama, Ill., Nov. 11, 1910; silver medal and \$1,000.

William H. Riehle, cabinetmaker, died attempting to save a laborer from suffocation at Walhalla, S. C., May 20, 1911; silver medal and \$40 a month to widow.

James Hunter, negro farmer, aged 56, attempted to save W. H. Riehle from suffocation at Walhalla, S. C., May 20, 1911; bronze medal and \$500.

James Pruitt, negro farmer, saved Fritz F. Muller from suffocation at Walhalla, S. C., May 20, 1911; silver medal and \$500.

Raymond L. Coldren, foreman of linemen, saved Clark Trump, lineman, from electric shock at Uniontown, Pa., Jan. 14, 1911; silver medal and \$1,000.

Kenneth L. Lindsey, student, helped save Timothy Lynch from drowning in Boston, Mass., March 9, 1910; silver medal.

John T. Nightingale, student, helped save Timothy Lynch from drowning in Boston, Mass., March 9, 1910; silver medal.

J. Malcolm Semmes, Jr., salesman, rescued woman and child from runaway in Memphis, Tenn., Sept. 21, 1910; silver medal.

H. Guy Brown, civil engineer, died attempting to save negro laborer from suffocation in Charleston, S. C., April 18, 1911; silver medal to mother.

Bertram N. Hollingsworth, window sash maker, died in saving Joseph R. Swaine from drowning at Windsor Locks, Canada, Aug. 29, 1910; silver medal to father.

Robert H. D. Stephenson, Sr., laborer, died attempting to save a schoolboy from drowning in Brooklyn, N. Y., Aug. 4, 1911; bronze medal and \$30 a month to widow.

Alfred D. Cole, teamster, fatally injured in saving Ivis Jackson from being run over by a locomotive at Saginaw, Mich., Nov. 29, 1911; bronze medal and \$25 a month to daughter.

Walter W. Powers, student, attempted to save another student from drowning in Boston, Mass., Dec. 20, 1910; bronze medal and \$2,000.

Chester W. Holmes, student, attempted rescue in foregoing case; bronze medal and \$2,000.

Thomas O. Doyle, student, saved Edward Hart from drowning at Worcester, Mass., Jan. 18, 1911; bronze medal and \$2,000.

Josephine Pickroski, schoolgirl, saved two girls from drowning at Chicopee, Mass., Feb. 27, 1911; bronze medal and \$2,000.

Lena B. Hunsaker, schoolgirl, attempted to save Lillian Knight and Ruby Miller from drowning at Colfax, W. Va., June 27, 1911; bronze medal and \$2,000.

Thomas N. Hazlett, superintendent, saved lamp inspector from electric shock at McKeesport, Pa., May 21, 1911; bronze medal and \$1,500.

Cornelius Fitzgerald, stationary engineer, attempted to save boy and girl from drowning at Ware, Mass., Jan. 1, 1912; bronze medal and \$1,200.
G. Frank Calkin, machinist, saved Caroline Bell from burning at Transfer, Pa., July 20, 1911; bronze medal and \$1,000.

Thomas L. Gooley, locomotive engineer, attempted to save a man from drowning at New Brighton, Pa.; bronze medal and \$1,000.

James V. Manges, driver, rescued telephone inspector from electric shock in Cleveland, O., May 13, 1911; bronze medal and \$1,000.

James W. Simpson, store manager, saved clerk from drowning at Ryan, Okla., July 21, 1909; bronze medal and \$1,000.

T. Edgar Conway, sawmill foreman, rescued Ellie, Veda, Fern and Winston Wilson from runaway at Center, Tex., May 25, 1910; bronze medal and \$1,000.

William O. Cavett, farmer, saved E. D. Smith from suffocation at Gladenwater, Tex., Aug. 4, 1910; bronze medal and \$1,000.

Claude M. Hiser, horticulturist, saved two laborers from drowning; bronze medal and \$1,000.

Henry S. Blank, plumber, attempted to save apprentice from burning at Dayton, O., Nov. 23, 1910; bronze medal and \$1,000.

John L. Gridley, machinist, died attempting to rescue P. A. Herbert from burning at Dayton, O., Nov. 23, 1910; bronze medal and \$50 a month to widow.

Alphonse M. Gagnon, factory hand, attempted to save man from drowning at Georgiaville, R. I., Aug. 13, 1908; bronze medal and \$1,000.

Curtis C. Wright, student, saved another student from drowning at Fort Smith, Ark., May 13, 1911; bronze medal and \$1,000.

William F. Mann, blacksmith, saved well digger from suffocation at Lynchburg, Va., June 22, 1910; bronze medal and \$1,000.

Samuel J. Plowman, farmer, saved well digger from suffocation at Overton, Tex., Sept. 28, 1911; bronze medal and \$1,000.

Thomas F. Gallagher, car runner, helped to save three miners from suffocation at Sebastopol, Pa., Jan. 10, 1911; bronze medal and \$1,000.

Mark Cheverie, fisherman, helped to save three brothers from drowning at Souris, P. E. I., Oct. 8, 1907; bronze medal and \$1,000.

Norman McIntosh, fisherman, helped to save three seamen from drowning at Souris, P. E. I., Oct. 8, 1907; bronze medal and \$1,000.

Carrie Bashlin, waitress, saved hotel clerk from drowning at Rockland, Me., Aug. 4, 1909; bronze medal and \$1,000.

Joseph P. Herlihy, printer, saved schoolboy from drowning at Chelsea, Mass., Jan. 22, 1911; bronze medal and \$1,000.

Michele Perri, laborer, helped save E. P. Duncan from being run over by locomotive at Allison Park, Pa., May 15, 1911; bronze medal and \$500.

Giuseppe Caruso, laborer, assisted in foregoing case; bronze medal and \$500.

Stanley G. Seccombe, student, saved another student from drowning at Derby, Conn., Aug. 7, 1910; bronze medal.

William C. Diville, blacksmith, attempted to save a chauffeur from burning at Lisbon, O., Nov. 28, 1911; bronze medal.

King Upton, vice-president, saved F. A. Low from drowning at Duxbury, Mass., Sept. 8, 1910.

CARNEGIE HERO FUND COMMISSION, 1912.
President—Charles L. Taylor.
Vice-president—W. J. Holland.
Treasurer—J. H. Reed.
Secretary and manager—F. M. Wilmet.
Office in Carnegie building, Pittsburgh, Pa.

CARNEGIE INSTITUTION OF WASHINGTON.
The Carnegie Institution was endowed by Andrew Carnegie with \$10,000,000 and incorporated under the laws of the District of Columbia, Jan. 4, 1902. It was, however, deemed advisable to have it incorporated by act of congress, and this was effected May 18, 1904. Section 2 of the act specifies that the objects of the corporation shall be to encourage, in the broadest and most liberal manner, in-

vestigation, research and discovery, and the application of knowledge to the improvement of mankind. The projects considered by the institution are chiefly of three classes, namely:

First, large projects or departments of work, whose execution requires continuous research by a corps of investigators during a series of years.

Secondly, minor projects, which may be carried out by individual experts in a limited period of time.

Thirdly, research associates, aid being given to a few investigators possessing exceptional abilities and opportunities for research work.

An annual appropriation is made for the purpose of publishing the results of investigations made under the auspices of the institution, and for certain works which would not otherwise be readily printed. These publications are not distributed gratis except to a limited list of the greater libraries of the world.

Dec. 4, 1907, Andrew Carnegie added \$2,000,000 to the endowment of the institution, and Jan. 20, 1911, he gave \$10,000,000 more, making the total endowment \$22,000,000.

The larger projects now under way and the names of the department directors or investigators are as follows:

Botanical research—D. T. MacDougal.
Economics and sociology—Henry W. Farnam.
Experimental evolution—Charles B. Davenport.
Geophysics—Arthur L. Day.
Historical research—J. F. Jameson.

Marine biology—A. G. Mayer.

Nutrition—F. G. Benedict.

Solar physics—George E. Hale.

Terrestrial magnetism—A. L. Bauer.

The officers are as follows:

President of the institution—Robert S. Woodward.
Officers of the board of trustees—John S. Billings, chairman; Elihu Root, vice-chairman; C. H. Dodge, secretary.

Executive committee—William H. Welch, chairman; John S. Billings, S. Weir Mitchell, Elihu Root, Robert S. Woodward, C. H. Dodge, C. D. Walcott, Barclay Parsons.

Trustees—John S. Billings, Robert S. Brookings, John L. Cadwalader, Cleveland H. Dodge, Simon Flexner, W. N. Frew, Lyman J. Gage, Henry L. Higginson, Charles L. Hutchinson, Seth Low, S. Weir Mitchell, Andrew J. Montague, William W. Morrow, Elihu Root, Barclay Parsons, Henry S. Pritchett, Martin A. Ryerson, Charles D. Walcott, Henry P. Walcott, Andrew D. White, Robert S. Woodward, William H. Taft, William H. Welch, George W. Wickersham.

The administration building of the institution is located on the southeast corner of 16th and P streets, N. W., Washington, D. C. The institution, however, is neither a branch of nor subject to any special regulations of the United States government. Neither is it a college or a university, nor does it maintain a library or museum. A prospectus of work and a list of publications may be obtained upon application to the president.

THE CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING.

The Carnegie Foundation for the Advancement of Teaching was founded by Andrew Carnegie in 1905 and incorporated by the congress of the United States in 1906 for the purpose of providing retiring allowances for teachers and officers of universities, colleges and technical schools in the United States, Canada and Newfoundland, and, in general, of advancing the profession of the teacher and the cause of higher education. By the sixth annual meeting of the trustees in 1911, 300 allowances were being paid to teachers and seventy-three pensions to widows of teachers, the amount of the average allowance being \$1,628.41, the total annual cost be-

ing \$553,665, and the average age of retirement being about 70 years.

In the administration of its endowment, which now amounts to \$14,000,000, the Foundation has restricted its allowances to professors and officers in a list of seventy-two institutions, selected for their educational standing, and has published a series of widely influential reports and bulletins concerning educational conditions. The president of the Foundation is Henry S. Pritchett; its trustees are presidents of universities and colleges and financiers. Further information may be had by addressing the secretary, Clyde Furst, 576 5th avenue, New York.

DEATH OF THE EMPEROR OF JAPAN.

Mutsuhito, emperor of Japan, died in Tokyo at 12:45 o'clock on the morning of Tuesday, July 30, 1912, from Bright's disease. His illness became acute July 19 and his condition grew steadily worse until the end came. Mutsuhito was born Nov. 3, 1852. He reigned for forty-four years and was one of the chief factors in making Japan a great power in the far east. He gave his people a constitution in 1889 and he himself scrupulously lived up to its terms. Tolerant in religious affairs, impartial in his dealings with all, willing to receive suggestions from the elder statesmen and his ministers and assiduous in the performance of his duties, he was held in high esteem by all his subjects and his death was sincerely mourned. At the funeral ceremonies, which began Sept. 13, the United States was represented by Secretary of State Philander C. Knox, Rear-Admiral Alfred Reynolds, Brig.-Gen.

John J. Pershing, U. S. A., and Ransford E. Miller of the state department.

Mutsuhito was succeeded on the throne by Yoshihito, the crown prince, who was born Aug. 31, 1879. The reign of the late emperor was designated as the era of Meiji, or the era of "Intelligent administration"; the reign of the new emperor will be known as the era of Taisei, or the era of "great righteousness."

SUICIDE OF GEN. NOGI.

Following an ancient Japanese custom, Gen. Count Maresuke Nogi, the hero of Port Arthur and supreme military counselor of the empire, and his wife, the Countess Nogi, committed suicide at their home just as the body of Emperor Mutsuhito was being taken from Tokyo for burial. The general killed himself with a short sword and his wife stabbed herself, both dying at the same time.

DEATH OF DANIEL HUDSON BURNHAM.

Daniel Hudson Burnham of Chicago, one of the world's noted architects, died in Heidelberg, Germany, June 1, 1912, while on a pleasure tour through Europe. Mr. Burnham won enduring fame as the head of the firm of Burnham & Root, which planned the main features of the world's fair buildings and grounds in Chicago in 1893, and

as the chief designer of "the Chicago plan." He was also the author of plans for the beautification of other American cities and was the architect of some of the finest structures in the country, especially in Chicago. He was born in Henderson, N. Y., Sept. 4, 1846, and came to Chicago in 1856.

NOTABLE NEW YORK BUILDINGS.

Height in stories and feet.

American Surety—23; 306.
American Tract—23; 306.
Bankers' Trust—39; 539.
Bank of Commerce—20; 270.
Broad Exchange—20; 276.
Com'ercial Cable—21; 255.
Empire—20; 293.
Evening Post—32; 385.
Flatiron—20; 286.
Germania Life—20; 281.

Heidelberg—30; 410.
Metropolitan Life—50; 700.
Municipal—24; 560.
Park Row—29; 382.
Pulitzer—22; 375.

Singer—41; 612.
St. Paul—26; 308.
Times—28; 419.
Woolworth—51; 775.

NORTHWESTERN GAME AND FISH LAWS.

Revised to Oct. 1, 1912.

NOTE—The laws as given below are necessarily very much condensed and many of the restrictions as to modes of hunting and fishing and as to the transportation, export and sale of game are omitted. Copies of the state laws may usually be obtained by writing to the commissioners and wardens. The dates are for the open season except where it is otherwise specified.

ILLINOIS.

GAME—Bobwhite quail, Nov. 10 to Dec. 10; prairie chicken, Nov. 12-17; partridge, Mexican blue quail, California quail, heath grouse and woodcock protected until 1915; mourning doves, Aug. 2 to Nov. 30; snipe and plover, Sept. 1 to May 1; squirrels, June 1 to Nov. 15; wild geese, ducks, brant or other waterfowl, Sept. 1 to April 15. One person is limited to fifteen ducks, twelve quail, ten geese, ten brant and fifteen other game birds in one day. The killing of wild birds other than sparrows, hawks, crows, blackbirds and crow-blackbirds is forbidden.

FISH—Fishing with nets and seines, July 1 to May 1; fishing with hook and line, all the year. Black bass, pike, pickerel, whitefish and trout may be taken only with hook and line. The meshes of seines must be at least $1\frac{1}{2}$ inches square. Minimum length or weight of fishes allowed to be sold: Black bass, 11 inches; white or striped bass, 8; rock bass, 6; croppie, 5; yellow perch, 8; wall-eyed pike 15; pike or pickerel, 18; buffalo, 15; German carp, 15; sunfish, 6; white perch, 10; common whitefish, $1\frac{1}{2}$ pounds; lake trout, $1\frac{1}{2}$ pounds.

LICENSES—Issued by county, city and village clerks: hunting license, for nonresidents, \$25.50; residents, \$1. Fishing licenses for residents: For each 100 yards of seine, \$5; 100 yards of net, \$1.25; dip net, 25 cents; steam tug, \$25; gasoline launch, \$15; sail or row boat, \$10. Nonresident fishing licenses: 100 yards of seine, \$10; 100 yards of net, \$5; dip net, \$1; steam tug, \$200; gasoline launch, \$50; sail or row boat, \$30.

State Game Commissioner—J. H. Wheeler, Springfield, Ill.

Headquarters Fish Commission—Havana.

WISCONSIN.

GAME ANIMALS—Beaver, protected at all times; deer, Nov. 10 to Nov. 30 (protected in certain counties); kill limit, one deer in one season; fawn, in spotted or red coat, protected; fisher, marten and mink, Nov. 15 to March 15; muskrat, Nov. 15 to April 10; moose, protected at all times; otter, Sept. 15 to March 1; rabbit, Oct. 10 to Feb. 1; coon, Oct. 1 to Jan. 1; squirrel, Oct. 10 to Feb. 1.

GAME BIRDS—Grouse (protected in certain counties). Sept. 10 to Oct. 1; partridge, plover, Sept. 10 to Dec. 1; prairie chicken and hen, Sept. 10 to Oct. 1 (protected in certain counties); pheasants and quail, protected until 1915; duck of all varieties and rail or rice hen, Sept. 1 to Jan. 1; wild goose or brant, Sept. 10 to May 1; swan, protected at all times. Bag limits: Grouse, prairie chicken or woodcock, 5; geese or brant, 10; partridge, 10; wild duck, mud hen, plover, rail or rice hen, 15; mixed bag of game birds, 20.

GAME FISH—Catfish, June 1 to March 1; black bass, June 1 to March 15 (special in certain waters and as to size); brook trout, April 15 to Sept. 1; bass (green, silver, rock and white), fiddler, pickerel, pike and muskellunge, June 1 to March 1 succeeding.

LICENSES—Nonresidents, for all kinds of game, \$25; for all kinds except deer, \$10; license for residents, \$1.

State Fish and Game Warden—John A. Sholts, Madison, Wis.

MICHIGAN.

GAME ANIMALS—Moose, elk and caribou protected until 1913; elk, unlawful to kill until 1918 on Bois Blanc island; deer, open season from Oct. 15 to Nov. 30, inclusive; unlawful for any person to kill more than two or to use dogs or artificial lights in hunting; unlawful to kill deer in water; unlawful to kill until 1920 in Berrien, Calhoun, Genesee, Ingham, Jackson, Kalamazoo, Oakland and St. Clair counties, and until 1918 on Bois Blanc island; rabbits, Oct. 15 to March 1; unlawful to use ferrets in

certain counties; squirrel protected until 1914; beaver, unlawful to kill until 1913; bear, otter, fisher, marten, fox, mink, raccoon and skunk, unlawful to kill from April 1 to Nov. 1; muskrat, unlawful to kill from April 15 to Nov. 1; bounties paid for killing wolf, lynx and wildcat.

GAME BIRDS—Unlawful to kill quail, Mongolian or English pheasants, wild turkey, hazel grouse and black fowl until 1915; prairie chicken, protected; partridge and spruce hen, open season Oct. 15 to Nov. 30; hunting pigeons and mourning doves, unlawful to kill or capture at any time; ducks, snipe, plover, woodcock, geese, brant, shore birds, rails and coots, open season Oct. 15 to Dec. 31; bluebill, canvasback, redhead, widgeon, pintail, whistler, spoonbill, butter ball and sawbill ducks may also be hunted March 2 to April 10; teal and mallard, open season Sept. 15 to Dec. 31.

FISH—Landlocked salmon, grayling and speckled, California, Loch Leven and steelhead trout, open season from May 1 to Sept. 1; sturgeon, unlawful to take from inland waters except with hook and line; bass, unlawful to take in any manner from Feb. 1 to June 15.

LICENSES—Nonresidents (for deer), \$25; residents, \$1.50; nonresidents for all game except deer, \$10. State Game, Fish and Forestry Warden—William R. Oates, Lansing, Mich.

MINNESOTA.

GAME—Deer and male moose, Nov. 10 to 30; kill limit for moose and deer, one of each; no open season for caribou, elk, beaver or pheasants; doves, snipe, prairie chicken, grouse, woodcock and plover, Sept. 7 to Nov. 7; quail, ruffed grouse or partridge and pheasant, Oct. 1 to Dec. 1; wild ducks, geese, brant and other aquatic fowls, Sept. 7 to Dec. 1; kill limit, fifteen birds a day; mink and muskrat, Nov. 15 to April 15.

FISH—Trout, April 15 to Sept. 1; black, gray or Oswego bass, May 29 to March 1; pike, muskellunge, whitefish, croppie, perch, sunfish, sturgeon, lake trout and catfish, May 1 to March 1; pickerel, suckers, bullheads, red horse and carp may be taken at any time with spear.

LICENSES—Nonresidents, \$25 for all game animals and \$10 for game birds; licenses obtained from state commissioners; resident's license, obtained from county auditors, \$1.

Executive Agent of Game and Fish Commissioners—H. A. Rider, St. Paul, Minn.; superintendent of fisheries, E. W. Cobb, St. Paul.

IOWA.

GAME—Pinnated grouse and prairie chicken, Sept. 1 to Dec. 1; woodcock, July 10 to Jan. 1; ruffed grouse, pheasants, wild turkey and quail, Nov. 1 to Dec. 15; wild duck, geese and brant, Sept. 1 to April 15; squirrel, Sept. 1 to Jan. 1; beaver, mink, otter, muskrat, Nov. 1 to April 1; Mongolian, ring neck or Chinese pheasant protected until Oct. 1, 1915.

FISH—Trout and salmon, April 15 to Oct. 1; bass, pike, croppies and other game fish, May 15 to Nov. 15.

LICENSES—Nonresidents, \$10; residents, \$1.

Warden—George A. Lincoln, Cedar Rapids, Iowa.

INDIANA.

GAME—Quail, ruffed and pinnated grouse, Nov. 10 to Jan. 1; squirrels, July 1 to Oct. 1; wild geese, ducks, brant and other wild waterfowl, Sept. 1 to April 15; wild deer, turkeys, prairie chicken, Hungarian partridge and Mongolian pheasants, protected. There is an entirely closed season on all hunting except of wild duck and other waterfowl from Oct. 1 to Nov. 10 of each year.

FISH—Fishing with hook and line lawful during whole year.

LICENSES—Hunting license for nonresident, \$15.50 (covers fishing also); nonresident fishing license alone, \$1; resident license, \$1.

Game Commissioner—George W. Miles, room 87, statehouse, Indianapolis, Ind.

NEBRASKA.

GAME—Deer, antelope and beaver protected; prairie chicken and grouse, Sept. 1 to Nov. 30; quail,

Nov. 1 to Nov. 15; wild ducks and geese, Sept. 1 to April 5; snipe and yellowlegs, Sept. 1 to April 30; plover and doves, July 15 to Aug. 31; squirrels, Oct. 1 to Nov. 30.

FISH—Trout, April 1 to Sept. 30; bass, April 1 to Nov. 15; all other fish April 1 to Nov. 15.

LICENSES—For residents, \$1; nonresidents, to fish, \$2; to hunt and fish, \$10; issued by county clerks.

Chief Deputy Game and Fish Commissioner—Henry N. Miller, Lincoln, Neb.

COLORADO.

GAME—Deer, Oct. 1 to Oct. 6 (limit, one deer); mountain sheep, antelope and elk protected; prairie chickens, Aug. 15 to Oct. 10; sage chickens, Aug. 1 to Sept. 1; grouse, Aug. 15 to Oct. 10; wild waterfowl, Oct. 1 to March 1; doves, Aug. 1 to Sept. 1; quail protected.

FISH—Trout not less than seven inches long, May 25 to Oct. 31.

LICENSES—Hunting license for nonresidents, \$10; fishing license for nonresidents, \$2; no license required by residents.

Commissioner—John A. Shinn, Denver, Col.

NORTH DAKOTA.

GAME—Prairie chicken, turtle dove, snipe, plover, pinnaud grouse, sharp tailed grouse, ruffed grouse, woodcock, Sept. 7 to Nov. 1; quail and pheasant protected; wild duck, Sept. 7 to Dec. 15; wild geese, cranes and brant, Sept. 7 to May 10; buffalo, moose, elk, caribou, mountain sheep, permanently protected; deer, Nov. 10 to Dec. 1; mink and muskrat, Nov. 15 to April 15; beaver and other protected; antelope protected until 1920.

FISH—Trout and salmon, May 1 to Oct. 1; bass, June 1 to Oct. 15; pike, croppie and perch, May 1 to Oct. 15; fishing with hook and line alone allowed.

LICENSES—Nonresidents, \$25; residents, \$1.

Secretary Fish and Game Commission—T. D. Casey, Grafton, N. D.

SOUTH DAKOTA.

GAME—Buffalo, elk, deer, mountain sheep, Nov. 1 to Dec. 1; prairie chicken, grouse, woodcock, plover, Sept. 10 to Oct. 10; wild duck, Sept. 10 to April 10; geese, brant, Sept. 10 to April 10; beaver and other, Nov. 15 to April 1.

FISH—Bass, carp, shad and croppies, May 1 to Nov. 1; trout, April 1 to Oct. 1.

LICENSES—For nonresidents, who must be accompanied by a warden as guide, \$25; for small game only, \$10; issued by county treasurers.

Warden—W. F. Bancroft, Pierre.

MONTANA.

GAME—Elk, mountain goat and sheep, deer, Oct. 1 to Dec. 1; kill limit per season, elk, goat and sheep, one each, and deer, three; prairie chickens, sage hens and partridge, Oct. 1 to Nov. 1; kill limit per day, five; wild waterfowl, Sept. 1 to Jan. 1;

kill limit for ducks, twenty per day; for wild geese, brant and swan, no limit.

FISH—May be caught at all times with hook, line and pole.

LICENSES—General alien, for big and small game and feathered game, \$25; limited alien, for feathered game, \$10; alien, fishing, \$1; resident's license, \$1.

Warden—Henry Avare, Helena, Mont.

IDAHO.

GAME—Deer, elk, mountain sheep and goat, Sept. 1 to Dec. 1, except that elk may be killed in Fremont and Blaine counties Sept. 1 to Dec. 31, and except that deer may be killed in Bonner, Kootenai, Shoshone, Latah, Nez Perce, Clearwater and Idaho counties from Sept. 20 to Dec. 20; deer protected in last named counties for five years; moose, caribou, antelope, buffalo and beaver protected; quail, Nov. 1 to Dec. 1; sage hen or turtle dove, July 15 to Dec. 1; Mongolian and English pheasant, prairie chicken or pinnaud grouse, protected; part-ridge, pheasant or grouse, Aug. 15 to Dec. 1, except north of Salmon river, Sept. 1 to Dec. 1; snipe, plover, duck and goose, Sept. 1 to March 1.

LICENSES—Nonresidents, fishing, \$2; bird, \$5; big game, \$25; all, \$32. Resident, fishing and hunting, \$1.

FISH—Fishing with hook and line only permitted all the year except during April for trout.

Warden—Ben R. Gray, Boise, Idaho.

WYOMING.

GAME—Deer, elk, male mountain sheep, Sept. 1 to Nov. 30 (elk and mountain sheep may be killed only in the counties of Fremont, Uinta, Carbon and those parts of Big Horn and Park west of the Big Horn river); unlawful to kill beaver and moose until 1915; antelope, 1915; ducks and geese, Sept. 1 to April 30; sage grouse, Aug. 1 to Sept. 30 (cannot be killed in counties of Natrona and Sheridan); grouse, other than sage grouse, Sept. 25 to Nov. 30; in Albany, Carbon, Laramie and Sweetwater counties all grouse may be shot only from Aug. 1 to Sept. 15; unlawful to kill quail and Mongolian pheasant until 1912.

FISH—Fishing open the year round with hook and line.

LICENSES—For nonresidents, for birds only, \$5; for big game, \$50; each nonresident must be accompanied by a licensed guide, but one guide can accompany one man and one woman; nonresident not allowed to have gun in his possession without a license. Residents, bird license, \$1.50; residents, big game license, \$2.50; for one additional elk, \$5; allens, bird license, \$20. †Licenses issued by any justice of the peace or assistant game warden.

Warden—D. F. Hudson, Lander, Wyoming.

*For bear, \$10, nonresident; no license required by resident. Nonresident cannot secure additional big game license. †Allens cannot secure big game license.

PORK-PACKING STATISTICS.

Season from Nov. 1 to March 1.

CITY.	1910-11	1909-10	1908-09	1907-08	1906-07	1905-06	1904-05	1903-04	1902-03
	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs
Chicago.....	2,067,995	2,063,544	2,640,765	2,570,475	2,493,739	2,592,866	2,812,588	2,925,960	2,952,193
Cincinnati.....	206,562	196,471	245,323	297,472	226,988	255,167	268,269	247,947	220,617
Indianapolis.....	418,743	469,081	703,285	747,074	540,488	600,423	516,230	479,380	359,454
Kansas City.....	919,832	985,118	1,520,481	1,365,221	1,135,931	1,202,736	1,231,408	861,674	743,854
Louisville.....	58,190	69,853	96,606	83,647	69,381	154,767	184,446	126,251	143,815
*Milwaukee.....	415,191	365,828	583,338	684,060	453,463	467,407	394,425	423,024	295,407
Omaha.....	574,619	531,049	700,772	742,734	687,274	800,470	738,131	746,596	777,941
St. Louis.....	720,596	705,768	884,337	705,029	656,636	680,132	761,982	627,550	503,823

*Includes Cudahy.

AMERICAN AND EUROPEAN ZOOLOGICAL GARDENS.

American.	Pittsburg—In Schenley park.	Berlin—Thiergarten.
Detroit—In Belle Isle park.	San Francisco—In Golden Gate park.	Cologne—Zoologisch garten.
Chicago—In Lincoln park.	Washington—National Zoological park.	Copenhagen—Dyrehave.
Cincinnati—Zoological park.		Dublin—In Phoenix park.
Milwaukee—In West park.		Hamburg—Zoologisch garten.
New York—In Bronx park.	European.	Hamburg—Hagenbeck collection.
New York—In Central park.	Amsterdam—"Arts.	Hannover—Zoologisch garten.
Philadelphia—Zoological park.	Antwerp—Dierentuin.	London—In Regent's park.

MARRIAGE AND DIVORCE IN THE UNITED STATES.

[From report of federal census bureau.]

MARRIAGE AND DIVORCE STATISTICS BY STATES.

STATE OR TERRITORY.	MARRIAGES.						DIVORCES.			
	Number. 1887-1906.	Annual average 1898 to 1902.		Annual average 1888 to 1892.		Number 1887 to 1906.	Annual average per 100,000 popu- lation.			
		Number	Per 10,000 Pop.	Number	Per 10,000 Pop.		1900.	1890	1880.	1870
Alabama.....	372,525	20,227	111	15,727	104	22,807	69	54	27	24
Arkansas.....	310,767	16,902	129	13,217	117	29,541	136	90	53	24
California.....	189,539	9,561	64	7,167	59	25,170	108	84	84	52
Colorado.....	98,877	5,457	101	4,261	103	15,844	158	197	138	60
Connecticut.....	136,984	7,034	77	6,216	83	9,224	50	66	61	84
Delaware.....	25,574	1,322	72	983	58	887	16	18	10	7
District of Columbia.....	50,244	3,114	112	1,512	66	2,325	58	34	31	30
Florida.....	114,486	6,176	117	4,314	110	7,586	79	67	53	23
Georgia.....	401,266	21,640	98	16,541	90	10,401	26	24	14	10
Idaho.....	23,330	1,359	84	705	80	3,205	120	93	58	67
Illinois.....	961,717	44,858	98	38,421	100	82,209	100	75	68	51
Indiana.....	498,890	26,451	105	22,453	102	60,721	142	104	70	69
Indian Territory.....	67,412	4,847	124	736	41	6,751	113	33	.....	.....
Iowa.....	396,550	19,238	86	16,474	86	34,874	93	67	60	49
Kansas.....	275,062	14,112	96	12,795	90	28,904	109	84	44	51
Kentucky.....	359,783	19,526	91	15,399	83	30,641	84	58	35	28
Louisiana.....	243,881	13,421	97	10,150	91	9,735	41	29	10	5
Maine.....	86,592	5,519	79	5,726	87	14,194	117	88	78	61
Maryland.....	195,875	10,740	90	9,916	76	7,920	40	24	12	12
Massachusetts.....	468,267	24,117	86	21,031	94	22,940	47	32	30	25
Michigan.....	424,066	23,008	95	18,726	89	42,371	104	72	72	47
Minnesota.....	242,147	13,118	75	10,275	78	15,646	55	41	27	21
Mississippi.....	313,500	17,574	113	11,778	91	19,993	74	48	30	29
Missouri.....	579,807	30,340	98	25,700	96	54,766	103	71	40	29
Montana.....	36,362	2,188	90	1,294	91	6,454	167	139	125	73
Nebraska.....	170,820	8,825	83	8,337	78	16,711	82	71	43	29
Nevada.....	7,073	527	124	238	50	1,045	111	97	106	99
New Hampshire.....	77,764	3,916	95	3,720	99	8,617	112	100	85	53
New Jersey.....	338,809	15,042	80	15,740	109	7,441	23	18	13	9
New Mexico.....	25,625	1,307	67	1,018	64	2,437	73	46	12	1
New York.....	1,208,655	63,082	87	49,584	87	29,125	23	17	16	16
North Carolina.....	313,725	17,142	91	13,074	81	7,047	24	12	6	3
North Dakota.....	44,022	2,454	77	1,339	70	4,317	88	47	46	.....
Ohio.....	727,408	37,979	91	32,984	90	63,982	91	64	48	37
Oklahoma.....	45,415	3,326	83	347	44	7,669	129	46	.....	.....
Oregon.....	67,475	3,499	85	2,801	88	10,145	134	108	92	80
Pennsylvania.....	896,593	48,088	76	39,059	74	39,686	33	21	13	8
Rhode Island.....	72,836	3,726	87	3,214	93	6,953	47	32	30	25
South Carolina*.....	54,782	3,094	77	2,128	61	7,108	95	65	48	25
South Dakota.....	396,990	20,975	104	17,432	99	30,447	89	62	38	24
Tennessee.....	620,445	34,965	115	23,874	107	62,655	131	82	49	21
Texas.....	51,259	2,789	101	2,127	101	4,670	92	74	114	62
Vermont.....	58,472	2,977	87	2,807	84	4,740	75	49	47	50
Virginia.....	293,377	16,386	88	12,818	77	12,129	38	22	11	6
Washington.....	87,182	7,747	92	2,975	83	16,219	184	100	75	88
West Virginia.....	170,810	9,582	89	6,692	88	10,308	64	41	25	18
Wisconsin.....	337,583	16,802	91	16,009	95	22,867	65	51	41	38
Wyoming.....	13,509	839	91	426	68	1,772	118	86	111	99
Total.....	12,832,044	.....	.....	.....	.....	945,625	.....	.....	.....	.....

*No record kept. †For the five years of which the year stated is the median year.

MARRIAGE LAWS.

Marriage may be contracted without the consent of parents by males who are 21 years of age or more. This is the rule in about all the states having laws on the subject. In Arizona the age is 18. For females the age is 21 in Connecticut, Florida, Kentucky, Louisiana, Ohio, Pennsylvania, Rhode Island, South Carolina, Virginia, West Virginia and Wyoming; 16 is the age in Arizona, Maryland and Nebraska and 15 in the other states. Marriages contracted before the age of consent are illegal in nearly all the states.

Marriage licenses are required in practically all the states.

Marriages between whites and negroes are prohibited by law in Alabama, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Idaho, Indiana, Kentucky, Maryland, Mississippi, Missouri, Nebraska, Nevada, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Virginia and West Virginia. Michigan specifically declares such marriages valid.

Marriages between first cousins are prohibited in Arizona, Arkansas, Illinois, Indiana, Kansas, Louisiana, Missouri, Montana, Nevada, New Hamp-

shire, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota and Wyoming. Step-relatives are not permitted to intermarry except in California, Colorado, Florida, Georgia, Idaho, Minnesota, New Mexico, New York, North Carolina, Oregon, Utah and Wisconsin.

MARRIAGE RATES.

For the year 1900 the marriage rate based on the total population of continental United States and including the total number of marriages reported was 90 per 10,000 population. In 1890 the rate was 87 per 10,000 population. The rate in 1900 per 10,000 unmarried population 15 years of age and over was 312; in 1890 it was 304.

DIVORCE RATES.

The percentage of increase of divorces as compared with the percentage of increase in population is shown by the following figures:

Year.	Di- vorces.	In- crease.	Popu- lation.	In- crease.
1900.....	55,751	66.6	75,994,575	20.7
1890.....	33,461	70.2	62,947,714	25.5
1880.....	19,663	79.4	50,155,783	30.1

CAUSES FOR DIVORCE.

Summary of the laws in effect in various states and territories.

STATE OR TERRITORY.	Cruelty.	Desertion.	Fraud or force.	Imprisonment.	Incompetency.	Intemperance.	Neglect.	NON-AGE.		Residence required.	Remarriage permitted.	Alimony.
								Male.	Female.			
Alabama.....	Yes.	2 yrs.	Yes.	2 yrs.	Yes.	Yes.		17	14	1 to 3 y.	Yes.	Yes.
Arizona.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Yes.	1 yr.	18	16	1 yr.	Yes.	Yes.
Arkansas.....	Yes.	1 yr.	Yes.	Felony.	Yes.	1 yr.		17	14	1 yr.	Yes.	Yes.
California.....	Yes.	1 yr.	Yes.	Felony.	Yes.	1 yr.	1 yr.	18	15	1 yr.	Yes.	Yes.
Colorado.....	Yes.	1 yr.	Yes.	Felony.	Yes.	1 yr.		1 yr.	1 yr.	1 yr.	Yes.	Yes.
Connecticut.....	Yes.	3 yrs.	Yes.	Felony.	Yes.	Hab'l.	3 yrs.	18	16	Actual	Yes.	Yes.
Delaware.....	Yes.	3 yrs.	Fraud.	Felony.	Yes.	Hab'l.		18	16	Actual	Yes.	Yes.
District of Columbia.....	Yes.	2 yrs.	No.	Felony.	Yes.	No.		16	14	3 yrs.	Yes*	Yes.
Florida.....	Yes.	1 yr.	Yes.	Yes.	Yes.	Yes.	1 yr.			2 yrs.	Yes.	Yes.
Georgia.....	Yes.	3 yrs.	Yes.	2 yrs.	Yes.	Hab'l.		17	14	1 yr.	No.	Yes.
Idaho.....	Yes.	1 yr.	Yes.	Felony.	Yes.	1 yr.	1 yr.	18	18	6 mos.	Yes.	Yes.
Illinois.....	Yes.	2 yrs.	Yes.	Felony.	Yes.	2 yrs.		18	16	1 yr.	Yes.	Yes.
Indiana.....	Yes.	2 yrs.	Yes.	Felony.	Yes.	Hab'l.	2 yrs.	18	16	2 yrs.	Yes.	Yes.
Iowa.....	Yes.	2 yrs.	Yes.	Felony.	Yes.	Hab'l.		18	14	1 yr.	Yes.	Yes.
Kansas.....	Yes.	1 yr.	Yes.	Felony†	Yes.	Hab'l.	Yes.	15	12	1 yr.	Yes.	Yes.
Kentucky.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Yes.	1 yr.	14	12	1 yr.	Yes.	Yes.
Louisiana.....	Yes.	Yes.	Yes.	Felony.	Yes.	Hab'l.		16	14		Yes.	Yes.
Maine.....	Yes.	3 yrs.			Yes.	Hab'l.	Yes.			1 yr.	Yes.	Yes.
Maryland.....		3 yrs.			Yes.					2 yrs.	Yes.	Yes.
Massachusetts.....		3 yrs.	Fraud.	5 yrs.	Yes.	Hab'l.	Yes.			3 to 5 y.	Yes.	Yes.
Michigan.....		2 yrs.	Yes.	3 yrs.	Yes.	Hab'l.	Yes.	18	16	1 to 2 y.	Yes.	Yes.
Minnesota.....	Yes.	1 yr.	Yes.	Yes.	Yes.	1 yr.		18	15	1 yr.	Yes.	Yes.
Mississippi.....	Yes.	2 yrs.		Felony.	Yes.	Hab'l.				1 to 2 y.	Yes.	Yes.
Missouri.....	Yes.	1 yr.	Yes.	Felony.	Yes.	1 yr.		15	12	1 yr.	Yes.	Yes.
Montana.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Hab'l.	Yes.	18	16	1 yr.	Yes.	Yes.
Nebraska.....	Yes.	2 yrs.	Yes.	3 yrs.	Yes.	Hab'l.	Yes.	18	16	6 mos.	Yes.	Yes.
Nevada.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Hab'l.	1 yr.	18	13	6 mos.	Yes.	Yes.
New Hampshire.....	Yes.	3 yrs.	Yes.	1 yr.	Yes.	3 yrs.	3 yrs.	14	13	Actual	Yes.	Yes.
New Jersey.....	Yes.	2 yrs.	Yes.		Yes.					2 to 3 y.	Yes.	Yes.
New Mexico.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Hab'l.	Yes.	18	15	1 yr.	Yes.	Yes.
New York.....	Yes.	2 yrs.	Force.		Yes.			18	18	1 yr.	Yes.	Yes.
North Carolina.....	Yes.	2 yrs.	Yes.	Felony.	Yes.			16	14	2 yrs.	Yes.	Yes.
North Dakota.....	Yes.	1 yr.	Yes.	Felony.	Yes.	1 yr.	1 yr.	18	15	1 yr.	Yes.	Yes.
Ohio.....	Yes.	3 yrs.	Yes.	Felony.	Yes.	3 yrs.	Yes.	18	16	1 yr.	Yes.	Yes.
Oklahoma.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Hab'l.	Yes.	18	15	1 yr.	Yes.	Yes.
Oregon.....	Yes.	1 yr.	Yes.	Felony.	Yes.	1 yr.		18	15	1 yr.	Yes.	Yes.
Pennsylvania.....	Yes.	2 yrs.	Yes.	2 yrs.	Yes.					1 yr.	Yes.	Yes.
Rhode Island.....	Yes.	5 yrs.		Felony.	Yes.	Hab'l.	Yes.			2 yrs.	Yes.	Yes.
South Carolina.....	Yes.	1 yr.	Yes.		Yes.	Yes.	1 yr.	18	15	1 yr.	Yes.	Yes.
South Dakota.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Hab'l.	1 yr.	18	15	1 yr.	Yes.	Yes.
Tennessee.....	Yes.	2 yrs.	Yes.	Felony.	Yes.	Hab'l†	Yes.			2 mos.	Yes.	Yes.
Texas.....	Yes.	3 yrs.	Fraud.	Felony.	Yes.	Hab'l.		16	14	6 mos.	Yes.	Yes.
Utah.....	Yes.	1 yr.	Yes.	Felony.	Yes.	Hab'l.	Yes.	16	14	1 yr.	Yes.	Yes.
Vermont.....	Yes.	3 yrs.	Yes.	3 yrs.	Yes.					1 yr.	Yes.	Yes.
Virginia.....	Yes.	3 yrs.	Yes.	Yes.	Yes.			14	12	1 yr.	Yes.	Yes.
Washington.....	Yes.	3 yrs.	Yes.	Yes.	Yes.	Hab'l.	Yes.	18	16	1 yr.	Yes.	Yes.
West Virginia.....	Yes.	3 yrs.	Yes.	Yes.	Yes.			18	16	1 yr.	Yes.	Yes.
Wisconsin.....	Yes.	1 yr.	Yes.	3 yrs.	Yes.	1 yr.	Yes.	18	15	1 yr.	Yes.	Yes.
Wyoming.....	Yes.	1 yr.	Yes.	Yes.	Yes.	Hab'l.	1 yr.	18	16	1 yr.	Yes.	Yes.

*Innocent party only. †Subsequent to marriage. ‡South Carolina has no divorce law, but marriages may be annulled.

NOTE—Consanguinity, infidelity and bigamy are causes for divorce in all states having divorce laws. Permanent insanity is cause for divorce in Idaho, Utah and Washington under certain conditions.

FAILURES IN THE UNITED STATES.

[From Dun's Review, New York.]

CALENDAR YEAR.	1ST QUAR.		2D QUAR.		3D QUAR.		4TH QUAR.		TOTAL FOR YEAR.		Average liabili- ties.
	No. failures.	Amt. of liabili- ties.	No. failures.	Amt. of liabili- ties.	No. failures.	Amt. of liabili- ties.	No. failures.	Amt. of liabili- ties.	No. failures.	Amt. of liabili- ties.	
1897.....	3382	\$48,007,911	2889	\$43,684,876	2381	\$25,601,188	3649	\$37,038,096	13,351	\$154,332,071	\$11,559
1898.....	3987	\$2,946,265	3031	\$4,948,074	2540	\$5,104,778	2338	\$8,113,482	12,186	\$30,662,809	10,722
1899.....	2772	\$7,152,031	2081	\$14,910,902	2001	\$7,640,972	2483	\$1,175,984	9,337	\$9,879,889	9,733
1900.....	2894	\$3,022,573	2438	\$1,724,879	2519	\$7,119,996	2923	\$6,628,225	10,774	\$38,496,673	12,854
1901.....	3335	\$1,703,486	2424	\$2,101,204	2324	\$4,756,172	2919	\$2,531,514	11,145	\$13,092,376	10,279
1902.....	3418	\$3,731,758	2747	\$6,643,086	2511	\$5,032,634	2589	\$2,069,279	11,615	\$17,476,769	10,114
1903.....	3200	\$4,344,433	2248	\$2,452,327	2548	\$4,838,595	3383	\$3,788,530	12,009	\$55,444,135	12,879
1904.....	3344	\$6,067,791	2823	\$1,424,188	2839	\$2,158,236	3016	\$2,543,106	12,199	\$44,302,311	11,820
1905.....	3443	\$30,162,059	2767	\$5,742,080	2536	\$30,829,443	2714	\$6,442,141	11,520	\$102,676,172	\$8,913
1906.....	3102	\$3,761,107	2510	\$28,902,967	2300	\$21,996,163	2770	\$4,541,278	10,682	\$19,201,515	11,159
1907.....	3134	\$2,075,591	2481	\$8,411,880	2483	\$6,467,686	3335	\$1,348,877	11,725	\$97,385,225	\$6,834
1908.....	4409	\$5,706,191	3390	\$8,737,264	3457	\$5,302,690	3524	\$2,638,161	15,630	\$22,615,684	\$14,169
1909.....	3850	\$4,460,950	2381	\$4,080,428	2836	\$7,594,498	3257	\$6,967,594	12,924	\$54,603,465	\$11,954
1910.....	3535	\$7,079,154	2963	\$9,180,132	3011	\$4,217,998	3253	\$7,339,736	12,652	\$20,757,097	\$15,947
1911.....	3365	\$9,651,761	2076	\$4,046,590	2880	\$5,167,269	3500	\$2,196,045	13,441	\$19,061,605	\$14,215
1912.....	4328	\$4,709,900	3849	\$6,012,323	3499	\$5,532,137					

PRESIDENTS AND THEIR CABINETS.

PRESIDENTS AND VICE-PRESIDENTS.	Secretaries of state.	Secretaries of the treasury.	Secretaries of war.
*George Washington.....1789	T. Jefferson.....1789	Alex. Hamilton.....1789	Henry Knox.....1789
*John Adams.....1789	E. Randolph.....1794	Oliver Wolcott.....1795	T. Pickering.....1795
	T. Pickering.....1795		Jas. McHenry.....1796
John Adams.....1797	T. Pickering.....1797	Oliver Wolcott.....1797	Jas. McHenry.....1797
Thomas Jefferson.....1797	John Marshall.....1800	Samuel Dexter.....1801	John Marshall.....1800
			Sam'l Dexter.....1800
			R. Griswold.....1801
*Thomas Jefferson.....1801	James Madison.....1801	Samuel Dexter.....1801	H. Dearborn.....1801
Aaron Burr.....1801		Albert Gallatin.....1801	
*George Clinton.....1805			
*James Madison.....1809	Robert Smith.....1809	Albert Gallatin.....1809	Wm. Eustis.....1809
†George Clinton.....1809	James Monroe.....1811	G. W. Campbell.....1814	J. Armstrong.....1813
Elbridge Gerry.....1813		A. J. Dallas.....1814	James Monroe.....1814
		W. H. Crawford.....1816	W. H. Crawford.....1815
*James Monroe.....1817	J. Q. Adams.....1817	W. H. Crawford.....1817	Isaac Shelby.....1817
*Daniel D. Tompkins.....1817			Geo. Graham.....1817
			J. C. Calhoun.....1817
John Q. Adams.....1825	Henry Clay.....1825	Richard Rush.....1825	Jas. Barbour.....1825
*John C. Calhoun.....1825			Peter B. Porter.....1828
*Andrew Jackson.....1829	M. Van Buren.....1829	Sam. D. Ingham.....1829	John H. Eaton.....1829
†John C. Calhoun.....1829	E. Livingston.....1831	Louis McLane.....1831	Lewis Cass.....1831
Martin Van Buren.....1835	Louis McLane.....1833	W. J. Duane.....1833	B. F. Butler.....1837
	John Forsyth.....1834	Roger B. Taney.....1833	
		Levi Woodbury.....1834	
Martin Van Buren.....1837	John Forsyth.....1837	Levi Woodbury.....1837	Joel R. Poinsett.....1837
Richard M. Johnson.....1837			
†William H. Harrison.....1841	Daniel Webster.....1841	Thos. Ewing.....1841	John Bell.....1841
John Tyler.....1841			
John Tyler.....1841	Daniel Webster.....1841	Thos. Ewing.....1841	John Bell.....1841
	Hugh S. Legare.....1843	Walter Forward.....1841	John McLean.....1841
	Abel P. Upshur.....1843	John C. Spencer.....1843	J. C. Spencer.....1841
	John C. Calhoun.....1844	Geo. M. Bibb.....1844	Jas. M. Porter.....1843
			Wm. Wilkins.....1844
James K. Polk.....1845	James Buchanan.....1845	Robt. J. Walker.....1845	Wm. L. Marcy.....1845
George M. Dallas.....1845			
†Zachary Taylor.....1849	John M. Clayton.....1849	Wm. M. Meredith.....1849	G. W. Crawford.....1849
Millard Fillmore.....1849			
Millard Fillmore.....1850	Daniel Webster.....1850	Thomas Corwin.....1850	C. M. Conrad.....1850
Franklin Pierce.....1853	Edward Everett.....1852		
†William R. King.....1853	W. L. Marcy.....1853	James Guthrie.....1853	Jefferson Davis.....1853
James Buchanan.....1857	Lewis Cass.....1857	Howell Cobb.....1857	John B. Floyd.....1857
John C. Breckinridge.....1857	J. S. Black.....1860	Philip F. Thomas.....1860	Joseph Holt.....1861
		John A. Dix.....1861	
*Abraham Lincoln.....1861	W. H. Seward.....1861	Salmon P. Chase.....1861	S. Cameron.....1861
Hannibal Hamlin.....1861		W. P. Fessenden.....1864	E. M. Stanton.....1862
Andrew Johnson.....1865		Hugh McCulloch.....1865	
Andrew Johnson.....1865	W. H. Seward.....1865	Hugh McCulloch.....1865	E. M. Stanton.....1865
			U. S. Grant.....1867
			L. Thomas.....1868
			J. M. Schofield.....1868
*Ulysses S. Grant.....1869	E. B. Washburne.....1869	Geo. S. Boutwell.....1869	J. A. Rawlins.....1869
Schuyler Colfax.....1869	Hamilton Fish.....1869	W. A. Richardson.....1873	W. T. Sherman.....1869
†Henry Wilson.....1873		Benj. H. Bristow.....1874	W. W. Belknap.....1869
		Lot M. Morrill.....1876	Alphonso Taft.....1876
			J. D. Cameron.....1876
Rutherford B. Hayes.....1877	W. M. Evarts.....1877	John Sherman.....1877	G. W. McCrary.....1877
William A. Wheeler.....1877			Alex. Ramsey.....1879
†James A. Garfield.....1881	James G. Blaine.....1881	Wm. Windom.....1881	R. T. Lincoln.....1881
Chester A. Arthur.....1881			
Chester A. Arthur.....1881	F. T. Frelinghuysen.....1881	Chas. J. Folger.....1881	R. T. Lincoln.....1881
		W. Q. Gresham.....1884	
		Hugh McCulloch.....1884	
Grover Cleveland.....1885	Thos. F. Bayard.....1885	Daniel Manning.....1885	W. C. Endicott.....1885
†Thos. A. Hendricks.....1885		Chas. S. Fairchild.....1887	
Benjamin Harrison.....1889	James G. Blaine.....1889	Wm. Windom.....1889	R. Proctor.....1889
Levi P. Morton.....1889	John W. Foster.....1892	Charles Foster.....1891	S. B. Elkins.....1891
Grover Cleveland.....1893	W. Q. Gresham.....1893	John G. Carlisle.....1893	D. S. Lamont.....1893
Adlai E. Stevenson.....1893	Richard Olney.....1895		
*William McKinley.....1897	John Sherman.....1897	Lyman J. Gage.....1897	R. A. Alger.....1897
†Garret A. Hobart.....1897	Wm. R. Day.....1897		Elihu Root.....1890
Theodore Roosevelt.....1901	John Hay.....1898		
Theodore Roosevelt.....1901	John Hay.....1901	Lyman J. Gage.....1901	Elihu Root.....1901
Charles W. Fairbanks.....1905	Elihu Root.....1905	Leslie M. Shaw.....1902	Wm. H. Taft.....1904
	Robert Bacon.....1909	G. B. Cortelyou.....1907	Luke E. Wright.....1908
William H. Taft.....1909	P. C. Knox.....1909	F. MacVeagh.....1909	J. M. Dickinson.....1909
James S. Sherman.....1909			H. L. Stimson.....1911

*Elected two consecutive terms. †Died while in office. ‡Resigned.

PRESIDENTS AND THEIR CABINETS.—CONTINUED.

Secretaries of the navy.	Secretaries of the interior.*	Postmasters-general.†	Attorneys-general.	Secretaries of agriculture.‡
		Samuel Osgood....1789 Timothy Pickering....1791 Jos. Habersham....1795	E. Randolph....1789 Wm. Bradford....1794 Charles Lee....1795	
Benjamin Stoddert....1798		Jos. Habersham....1797	Charles Lee....1797 Theo. Parsons....1801	
Benjamin Stoddert....1801 Robert Smith....1801 Jacob Crowninshield....1805		Jos. Habersham....1801 Gideon Granger....1801	Levi Lincoln....1801 Robt. Smith....1805 John Brock Ingridge....1805 C. A. Rodney....1807	
Paul Hamilton.....1809 William Jones.....1813 B. W. Crowninshield....1814		Gideon Granger....1809 R. J. Meigs, Jr....1814	C. A. Rodney....1809 Wm. Pinckney....1811 William Rush....1814	
B. W. Crowninshield....1817 Smith Thompson....1818 S. L. Southard....1823 S. L. Southard....1825		R. J. Meigs, Jr....1817 John McLean....1823	William Rush....1817 William Wirt....1817	
John Branch.....1829 Levi Woodbury....1831 Mahlon Dickerson....1834		John McLean....1825 Wm. T. Barry....1829 Amos Kendall....1835	William Wirt....1825 John M. Berrien....1829 Roger B. Taney....1831 B. F. Butler....1833	
Mahlon Dickerson....1837		Amos Kendall....1837 John M. Niles....1840	B. F. Butler....1837 Felix Grundy....1838 H. D. Gilpin....1840	
George E. Badger....1841 George E. Badger....1841 Abel P. Upshur....1841 David Henshaw....1843 Thomas W. Gilmer....1844 John Y. Mason....1844		Francis Granger....1841 Francis Granger....1841 C. A. Wickliffe....1841	J. J. Crittenden....1841 J. J. Crittenden....1841 Hugh S. Legare....1841 John Nelson....1843	
George Bancroft....1845 John Y. Mason....1846		Cave Johnson....1845	John Y. Mason....1845 Nathan Clifford....1846 Isaac Toucey....1848	
William B. Preston....1849 William A. Graham....1850 John P. Kennedy....1852	Thomas Ewing....1849 Thomas A. Pearce....1850 T. M. T. McKernon....1850 A. H. H. Stuart....1850	Jacob Collamer....1849 Nathan K. Hall....1850 Sam D. Hubbard....1852	Reverdy Johnson....1849 J. J. Crittenden....1850	
James C. Dobbin....1853 Isaac Toucey....1857	Robt. McClelland....1853 Jacob Thompson....1857	James Campbell....1853 Aaron V. Brown....1857 Joseph Holt....1859	Caleb Cushing....1853 J. S. Black....1857 Edw. M. Stanton....1860	
Gideon Welles....1861	Caleb B. Smith....1861 John P. Usher....1863	Montgomery Blair....1861 William Dennison....1864	Edward Bates....1861 Titian J. Coffey....1863 James Speed....1864	
Gideon Welles....1865	John P. Usher....1865 James Harlan....1865 O. H. Browning....1866	William Dennison....1865 A. W. Randall....1866	James Speed....1865 Henry Stanbery....1866 Wm. M. Evarts....1868	
Adolph E. Borie....1869 George M. Robeson....1869	Jacob D. Cox....1869 Columbus Delano....1870 Zach Chandler....1875	J. A. J. Creswell....1869 Jas. W. Marshall....1874 Marshall Jewell....1874 James N. Tyner....1876	E. R. Hoar....1869 A. T. Ackerman....1870 Geo. H. Williams....1871 Edw. Pierpont....1875 Alphonso Taft....1876	
R. W. Thompson....1877 Nathan Goff, Jr....1881 W. H. Hunt....1881 W. E. Chandler....1881	Carl Schurz....1877 S. J. Kirkwood....1881 Henry M. Teller....1881	David M. Key....1877 Horace Maynard....1880 T. L. James....1881 T. O. Howe....1881 W. Q. Gresham....1883 Frank Hatton....1884	Chas. Devens....1877 W. MacVeagh....1881 B. H. Brewster....1881	
W. C. Whitney....1885	L. Q. C. Lamar....1885 Wm. F. Vilas....1888	Wm. F. Vilas....1885 D. M. Dickinson....1888	A. H. Garland....1885	N. J. Colman....1889
Benj. F. Tracy....1889 Hilary A. Herbert....1893	John W. Noble....1889 Hoke Smith....1893 D. R. Francis....1896	J. Wanamaker....1889 W. S. Bissell....1893 W. L. Wilson....1895	W. H. H. Miller....1889 R. Olney....1893 J. Harmon....1895	J. M. Rusk....1889 J. S. Morton....1893
John D. Long....1897	C. N. Bliss....1897 E. A. Hitchcock....1897	James A. Gary....1897 Chas. E. Smith....1898	J. McKenna....1897 J. W. Griggs....1897 P. C. Knox....1901	J. Wilson....1897
John D. Long....1901 Wm. H. Moody....1902 Paul Morton....1904 C. J. Bonaparte....1905 Victor H. Metcalf....1907 Truman H. Newberry....1908	E. A. Hitchcock....1901 J. R. Garfield....1907	Chas. E. Smith....1901 Henry C. Payne....1902 Robt. J. Wynne....1904 G. B. Cortelyou....1905 G. v. L. Meyer....1907	P. C. Knox....1901 W. H. Moody....1904 C. J. Bonaparte....1907	J. Wilson....1901
G. M. L. Meyer....1909	R. A. Ballinger....1909 W. L. Fisher....1911	F. H. Hitchcock....1909	G. W. Wickersham....1909	J. Wilson....1909

Secretaries of Commerce and Labor (department established Feb. 14, 1903)—George B. Cortelyou, 1903; Victor H. Metcalf, 1904-1906; Oscar S. Straus, 1907-1909; Charles Nagel, 1909.

*This department was established by an act of congress March 3, 1849. †Not a cabinet officer until 1829.

‡Established Feb. 11, 1889.

PRODUCTION OF FRUITS AND NUTS IN THE UNITED STATES.

[(From bulletin of the bureau of the census issued in June, 1912.)]

The figures for trees, plants and vines are for 1910, while those for production are for 1909.

	Trees.	Boxes.	Value.
Tropical fruits.....	9,737,927	19,487,481	\$17,566,464
Oranges.....	956,920	2,770,313	2,993,738
Lemons.....			
Fig.....	821,640	35,050,395	803,810
Pineapples.....	36,191,389	23,359,530	734,090
All other.....	1,727,281		2,608,651

	Trees.	Boxes.	Value.
Total.....	49,435,157		24,706,753
Orchard fruits.....			
Apples.....	151,322,840	147,522,318	\$83,231,492
Peaches, nectarines.....	94,506,657	35,470,276	28,781,078
Pears.....	15,171,524	8,840,733	7,910,600
Plums, prunes.....	23,445,009	15,480,170	10,299,495
Cherries.....	11,822,044	4,126,099	7,231,160
Apricots.....	3,669,714	4,150,263	2,884,119
All other.....	1,179,489	493,386	528,403

	Trees.	Boxes.	Value.
Total.....	301,117,277	216,083,695	140,867,347
Grapes.....	224,103,584	2,571,065,205	\$22,027,961
Small fruits.....			
Strawberries.....	143,045	254,702,035	\$17,913,926
Blackberries, dewberries.....	49,004	55,345,570	3,909,831
Raspberries, loganberries.....	48,663	60,918,196	5,132,277
Currents.....	7,862	10,448,532	790,431
Gooseberries.....	4,765	5,282,843	417,034
Cranberries.....	18,431	38,243,060	1,755,613
All other.....	685	627,627	55,369

	Trees.	Boxes.	Value.
Total.....	272,460	425,565,863	29,974,481
Nuts.....			
Persian or English wal- nuts.....	915,742	22,026,524	\$2,297,336
Almonds.....	1,187,962	6,793,539	711,970
Pecans.....	1,619,521	9,890,769	971,596
Cocoanuts.....	1,122	17,012	501
All other.....	1,302,119	23,617,173	465,770

Total.....5,026,566 *62,328,010 4,447,173
Total value all fruits and nuts, \$222,023,715.
*Does not include cocoanuts.

PRODUCTION OF FRUITS BY STATES.

APPLES.

State.	Trees.	Bushels.	Value.
Alabama.....	1,468,000	888,000	\$621,000
Arizona.....	62,000	73,000	109,000
Arkansas.....	7,650,000	2,296,000	1,323,000
California.....	2,483,000	6,335,000	2,902,000
Colorado.....	1,688,000	3,559,000	3,403,000
Connecticut.....	799,000	1,541,000	853,000
Delaware.....	430,000	183,000	115,000
District Columbia.....	2,000	8,000	2,000
Florida.....	8,000	3,000	4,000
Georgia.....	1,878,000	896,000	556,000
Idaho.....	1,006,000	660,000	611,000
Illinois.....	9,901,000	3,093,000	2,112,000
Indiana.....	5,765,000	2,759,000	1,721,000
Iowa.....	5,847,000	6,747,000	3,551,000
Kansas.....	6,930,000	1,356,000	808,000
Kentucky.....	5,538,000	7,368,000	3,067,000
Louisiana.....	93,000	34,000	29,000
Maine.....	3,477,000	3,636,000	2,122,000
Maryland.....	1,288,000	1,823,000	902,000
Massachusetts.....	1,367,000	2,553,000	1,780,000
Michigan.....	7,534,000	12,332,000	5,969,000
Minnesota.....	1,380,000	1,044,000	769,000
Mississippi.....	428,000	266,000	214,000
Missouri.....	14,360,000	9,969,000	4,886,000
Montana.....	697,000	567,000	567,000
Nebraska.....	2,937,000	3,321,000	1,613,000
Nevada.....	74,000	74,000	66,000
New Hampshire.....	1,241,000	1,108,000	638,000
New Mexico.....	543,000	417,000	421,000
New York.....	11,248,000	25,409,000	13,343,000
North Carolina.....	4,910,000	4,776,000	2,015,000
North Dakota.....	16,000	4,000	7,000

State.	Trees.	Bushels.	Value.
Ohio.....	8,505,000	4,664,000	2,971,000
Oklahoma.....	2,956,000	742,000	573,000
Oregon.....	2,030,000	1,931,000	1,657,000
Pennsylvania.....	8,000,000	11,048,000	6,558,000
Rhode Island.....	152,000	213,000	147,000
South Carolina.....	582,000	363,000	276,000
South Dakota.....	275,000	192,000	159,000
Tennessee.....	4,839,000	4,040,000	2,172,000
Texas.....	1,139,000	168,000	161,000
Utah.....	517,000	350,000	320,000
Vermont.....	1,184,000	1,460,000	752,000
Virginia.....	7,005,000	6,104,000	3,130,000
Washington.....	3,009,000	2,672,000	2,926,000
West Virginia.....	4,571,000	4,225,000	2,461,000
Wisconsin.....	2,430,000	2,232,000	1,897,000
Wyoming.....	28,000	18,000	38,000

United States.....151,323,000 147,522,000 83,231,000
Total in 1900.....201,794,000 175,397,000

PEACHES AND NECTARINES.

State.	Trees.	Bushels.	Value.
Alabama.....	3,177,000	1,417,000	\$1,056,000
Arizona.....	51,000	50,000	80,000
Arkansas.....	6,860,000	1,902,000	1,503,000
California.....	7,829,000	9,267,000	4,574,000
Colorado.....	793,000	692,000	765,000
Connecticut.....	462,000	270,000	418,000
Delaware.....	1,177,000	17,000	21,000
Florida.....	291,000	115,000	128,000
Georgia.....	10,699,000	2,555,000	2,183,000
Idaho.....	73,000	19,000	28,000
Illinois.....	2,860,000	1,223,000	1,000,000
Indiana.....	2,130,000	1,174,000	1,123,000
Iowa.....	1,091,000	23,000	25,000
Kansas.....	4,395,000	25,000	23,000
Kentucky.....	2,245,000	1,623,000	1,062,000
Louisiana.....	903,000	291,000	228,000
Maine.....	5,000	2,000	3,000
Maryland.....	1,498,000	325,000	362,000
Massachusetts.....	155,000	92,000	139,000
Michigan.....	2,907,000	1,687,000	1,700,000
Minnesota.....	2,000	1,000	1,000
Missouri.....	6,588,000	1,485,000	1,111,000
Mississippi.....	1,726,000	1,157,000	925,000
Nebraska.....	1,188,000	110,000	91,000
Nevada.....	6,000	3,000	5,000
New Hampshire.....	58,000	23,000	39,000
New Jersey.....	1,216,000	441,000	653,000
New Mexico.....	136,000	33,000	37,000
New York.....	2,457,000	1,736,000	2,014,000
North Carolina.....	2,662,000	1,344,000	1,042,000
Ohio.....	3,133,000	1,036,000	1,349,000
Oklahoma.....	4,784,000	358,000	326,000
Oregon.....	273,000	179,000	194,000
Pennsylvania.....	2,383,000	1,024,000	1,351,000
Rhode Island.....	39,000	18,000	31,000
South Carolina.....	1,536,000	643,000	557,000
Tennessee.....	3,154,000	1,579,000	1,055,000
Texas.....	9,738,000	736,000	704,000
Utah.....	544,000	143,000	156,000
Vermont.....	5,000	2,000	4,000
Virginia.....	1,586,000	243,000	227,000
Washington.....	537,000	84,000	119,000
West Virginia.....	1,425,000	329,000	369,000
Wisconsin.....	4,000	1,000	1,000

Total.....94,507,000 35,470,000 28,781,000
Total 1900.....99,919,000 15,434,000

The number of trees not of bearing age in 1910 was 42,266,000.

NOTE—States having a production of less than 1,000 bushels in 1909 omitted.

PEARS.

State.	Trees.	Bushels.	Value.
California.....	1,411,000	1,928,000	\$1,661,000
Illinois.....	786,000	249,000	203,000
Indiana.....	709,000	320,000	244,000
Maryland.....	541,000	367,000	169,000
Michigan.....	1,136,000	666,000	536,000
Missouri.....	607,000	143,000	149,000
New Jersey.....	732,000	463,000	255,000
New York.....	2,142,000	1,343,000	1,418,000
Ohio.....	899,000	375,000	333,000

State.	Trees.	Bushels.	Value.
Pennsylvania	797,000	379,000	356,000
Texas	558,000	111,000	114,000
Total all states.....	15,172,000	8,841,000	7,911,000
Total 1900.....	17,716,000	6,625,000	
There were 8,804,000 pear trees not of bearing age in 1910.			

PLUMS AND PRUNES.			
State.	Trees.	Bushels.	Value.
Arkansas	731,276	194,649	\$137,003
California	7,169,705	9,317,979	5,473,539
Idaho	302,855	179,027	132,804
Michigan	404,917	181,182	205,765
Missouri	917,851	234,872	211,472
New York	919,017	553,522	519,192
Ohio	1,001,734	215,657	278,505
Oregon	1,764,896	1,747,587	838,783
Pennsylvania	744,148	295,158	396,005
Washington	828,082	1,032,077	600,503
All other states....	8,606,528	1,528,454	1,505,924
United States.....	23,445,009	15,480,170	10,299,495
In 1900.....	30,780,892	8,764,032	

CHERRIES.			
State.	Trees.	Bushels.	Value.
California	522,304	501,013	\$951,000
Illinois	843,283	287,376	453,474
Indiana	815,742	363,993	508,516
Iowa	908,764	260,432	455,022
Michigan	760,183	338,945	590,829
New York	675,989	271,597	544,508
Ohio	1,144,271	338,844	657,406
Oregon	222,456	181,088	269,934
Pennsylvania	1,075,031	475,093	909,975
Virginia	352,783	132,671	134,428
All other states....	4,502,238	975,246	1,755,444
United States.....	11,822,044	4,126,099	7,231,160
In 1900.....	11,943,287	2,873,499	

GRAPES.			
State.	Vines.	Pounds.	Value.
California	144,098,000	1,979,687,000	\$10,847,000
New York	31,802,000	253,006,000	3,962,000
Michigan	11,014,000	120,696,000	1,531,000
Ohio	8,321,000	43,864,000	857,000
Pennsylvania	5,271,000	34,020,000	851,000
Missouri	3,027,000	17,872,000	489,000
Kansas	2,890,000	6,318,000	185,000
Oklahoma	2,388,000	3,768,000	122,000
Illinois	2,170,000	16,583,000	426,000
Iowa	1,950,000	11,580,000	330,000
Nebraska	1,632,000	4,752,000	137,000
New Jersey	1,603,000	6,501,000	133,000
Indiana	1,049,000	12,817,000	288,000
United States.....	224,098,000	2,570,996,000	22,025,000
In 1900.....	182,228,000	1,300,751,000	

NOTE—Only principal grape producing states included in above table. Production of other states is included in total.

PRODUCTION OF NUTS BY STATES.

PERSIAN OR ENGLISH WALNUTS.			
State.	Trees.	Pounds.	Value.
Alabama	3,000	44,000	\$3,557
Arkansas	1,000	15,000	1,384
California	853,000	21,432,000	2,247,193
Florida	1,000	20,000	2,013
Georgia	3,000	57,000	4,161
Kentucky	1,000	36,000	1,499
Louisiana	1,000	15,000	1,446
Mississippi	3,000	66,000	6,949
North Carolina.....	2,000	73,000	3,686

State.	Trees.	Pounds.	Value.
Oregon	10,000	79,000	8,288
South Carolina.....	1,000	28,000	2,583
Texas	10,000	41,000	3,703
Virginia	4,000	23,000	1,231
Washington	4,000	16,000	2,241
West Virginia.....	3,000	17,000	2,153
All other states.....	16,000	56,000	5,244

United States.....	916,000	22,027,000	2,297,336
In 1900.....	727,000	10,658,000	

ALMONDS.			
State.	Trees.*	Pounds.	Value.
Arizona	7,000	34,000	\$4,193
California	1,167,000	6,693,000	700,304
Oregon	4,000	18,000	2,468
Texas	5,000	17,000	1,618
Utah	1,000	11,000	1,014
Other states.....	4,000	21,000	2,373

Total	1,188,000	6,794,000	711,970
Total 1900.....	1,649,000	7,143,000	
*Of bearing age. There were 390,000 trees not of bearing age.			

PECANS.			
State.	Trees.	Pounds.	Value.
Alabama	45,000	228,000	\$30,540
Arkansas	14,000	250,000	17,603
California	4,000	45,000	4,632
Florida	43,000	308,000	43,962
Georgia	76,000	354,000	47,845
Illinois	28,000	107,000	10,301
Indiana	5,000	19,000	1,940
Kansas	28,000	21,000	1,462
Kentucky	2,000	29,000	2,887
Louisiana	37,000	724,000	70,635
Mississippi	61,000	637,000	79,936
Missouri	49,000	147,000	10,467
North Carolina.....	7,000	75,000	8,194
Oklahoma	97,000	894,000	59,481
South Carolina.....	33,000	160,000	20,442
Tennessee	2,000	26,000	2,566
Texas	1,088,000	5,832,000	556,203
Virginia	1,000	11,000	1,356
Other states.....		24,000	1,144
Total	1,620,000	9,931,000	971,596
Total 1900.....	643,000	3,207,000	

PEANUTS.			
State.	Acres.	Bushels.	Value.
Alabama	100,609	1,574,000	\$1,491,000
Arkansas	10,192	169,000	183,000
California	99	3,000	3,000
Florida	126,150	2,315,000	2,147,000
Georgia	160,317	2,570,000	2,441,000
Illinois	109	2,000	2,000
Kansas	48	2,000	3,000
Kentucky	79	2,000	2,000
Louisiana	25,020	412,000	422,000
Michigan	64	1,000	1,000
Mississippi	13,997	285,000	317,000
Missouri	130	3,000	4,000
New Mexico.....	126	1,000	2,000
North Carolina.....	195,134	5,981,000	5,369,000
Oklahoma	1,564	32,000	35,000
South Carolina.....	7,596	155,000	144,000
Tennessee	18,952	547,000	387,000
Virginia	64,327	1,075,000	1,075,000
Wisconsin	145,213	4,284,000	4,240,000
All other states.....	70	1,000	1,000
United States.....	869,887	19,416,000	18,272,000
In 1900.....	516,654	11,964,000	7,271,000

ADMISSION OF NEW MEXICO.

Enabling act passed by 61st congress and approved by the president June 20, 1910.

Delegates to constitutional convention elected Sept. 6, 1910.

Convention began work Oct. 3; constitution completed and signed Nov. 21, 1910.

Constitution ratified by people at special election Jan. 21, 1911.

Joint resolution adopted by 62d congress Aug. 8 to admit territory as state after amendment of constitution; approved Aug. 21, 1911.

Constitution amended and first state election held Nov. 7, 1911.

Proclamation of statehood signed by President Taft Jan. 6, 1912.

William C. McDonald, democrat, inaugurated as first governor Jan. 15, 1912.



Copyright, Clinedinst, Washington, D. C.
PHILANDER C. KNOX,
 Secretary of State.



Copyright, 1908, by Pack Bros., New York
JAMES S. SHERMAN,
 Vice-President (died Oct. 30, 1912).



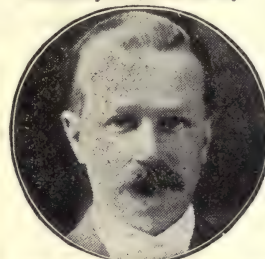
Photo by Stephens, Chicago
FRANKLIN MAC VEAGH,
 Secretary of the Treasury.



Copyright, 1910, Pack Bros., N. Y.
HENRY L. STIMSON,
 Secretary of War.



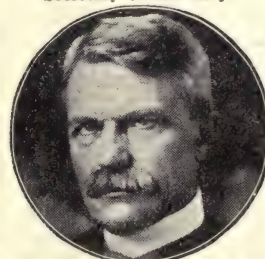
Copyright, 1907, by J. E. Purdy & Co., Boston
WILLIAM H. TAFT.
 President.



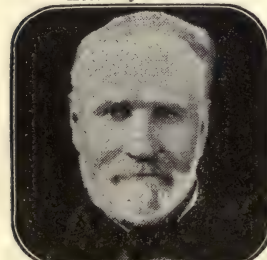
Copyright, 1908, Clinedinst, Washington, D. C.
GEORGE VON L. MEYER,
 Secretary of the Navy.



Photo from New York Herald syndicate
GEORGE W. WICKERSHAM,
 Attorney-General.



Copyright, 1906, J. C. Strauss, St. Louis
CHARLES NAGEL,
 Secretary Commerce and Labor.



Copyright, 1908, Clinedinst, Washington, D. C.
JAMES WILSON,
 Secretary of Agriculture.



Copyright, 1910, by Dana Hull.
WALTER L. FISHER,
 Secretary of Interior.



Copyright, Harris & Ewing, Washington, D. C.
FRANK H. HITCHCOCK,
 Postmaster-General.

THE PRESIDENT AND HIS CABINET.

The National Government.

Corrected to Dec. 20, 1912.

EXECUTIVE DEPARTMENT.

President—William H. Taft (O.).....	\$75,000
Secretary to the President—Charles D. Hilles (N. Y.).....	7,500
Vice-President—(Vacancy).....	12,000
Executive Clerk—Rudolph Forster (Va.).....	5,000
Chief Clerk—T. W. Brahaney (Wis.).....	4,000
United States District Marshal—Aulick Palmer (D. C.).....	6,000

DEPARTMENT OF STATE.

Secretary—Phillander Chase Knox (Pa.).....	\$12,000
Assistant Secretary—Huntington Wilson (Ill.).....	5,000
Second Asst. Secretary—Alvey A. Adee (D. C.).....	4,500
Third Asst. Secretary—Chandler Hale (Me.).....	4,500
Director Consular Service—Wilbur J. Carr (N. Y.).....	4,500
Chief Clerk—William McNeir (Mich.).....	3,000
Counselor for Department—Chandler P. Anderson (N. Y.).....	7,500
Resident Diplomatic Officer—Thomas C. Dawson (Iowa).....	7,500
Solicitor—Joshua R. Clark, Jr. (Utah).....	5,000
Assistant Solicitors—Frederick Van Dyne (N. Y.); Preston D. Richards (Utah), and Edward H. Hart (N. Y.).....	3,000
Law Clerks—Henry Y. Bryan (D. C.) and L. H. Woolsey (N. Y.).....	2,500
Chief of Diplomatic Bureau—Sydney J. Smith (D. C.).....	2,250
Chief of Consular Bureau—Herbert C. Hengstler (O.).....	2,250
Chief of Bureau of Indexes and Archives—John R. Buck (Me.).....	2,100
Chief of Bureau of Accounts and Disbursing Clerk—Thomas Morrison (N. Y.).....	2,300
Chief of Bureau of Rolls and Library—John A. Tonner (O.).....	2,500
Chief of Bureau of Appointment—Miles M. Shand (N. J.).....	2,100
Chief of Bureau of Citizenship—Richard W. Blumroy Jr. (Md.).....	2,100
Chief of Bureau of Trade Relations—John Ball Osborne (Pa.).....	2,100
Translators—John S. Martin Jr. (Pa.) and Wilfred Stevens (Minn.).....	2,100
Private Secretary to Secretary of State—Hugh F. Knox (Pa.).....	2,500
Chief of Division of Latin-American Affairs—William T. S. Doyle (Cal.).....	4,500
Chief of Division of Far Eastern Affairs—Ransford S. Miller, Jr. (N. J.).....	4,500

TREASURY DEPARTMENT.

Secretary—Franklin MacVeagh (Ill.).....	\$12,000
Secretary to the Secretary—Francis W. Taylor (Ill.).....	2,500
Assistant Secretary—Sherman P. Allen (Vt.).....	5,000
Assistant Secretary—James F. Curtis (Mass.).....	5,000
Assistant Secretary—Robert O. Bailey (D. C.).....	5,000
Chief Clerk—James L. Wilmeth (Ark.).....	3,000
Chief of Appointment Division—Charles Lyman (Conn.).....	3,000
Chief of Warrants Division—Charles H. Miller (Mass.).....	3,500
Chief of Public Moneys Division—Eugene B. Daskam (Conn.).....	3,000
Chief of Customs Division—Frank M. Halstead (Ore.).....	3,000
Chief of Revenue Cutter Division—E. P. Bertholf (N. J.).....	2,500
Chief of Stationery, Printing and Blanks Division—Frederick F. Weston (Iowa).....	2,500
Chief of Loans and Currency Division—Andrew T. Huntington (Mass.).....	3,000
SUPERVISING ARCHITECT'S OFFICE.	
Supervising Architect—Oscar Wenderoth (N. Y.).....	4,500
BUREAU OF ENGRAVING AND PRINTING.	
Director—Joseph E. Ralph (Ill.).....	5,000
Assistant Director—Frank E. Ferguson (Md.).....	3,500
Superintendent Engraving Division—John R. Hill (N. Y.).....	4,500

LIFE SAVING SERVICE.

General Superintendent—S. I. Kimball (Me.).....	4,500
Assistant—Oliver M. Maxam (Ind.).....	2,500

REGISTER OF THE TREASURY.

Register—James C. Napier (Tenn.).....	4,000
Assistant—Cyrus F. Adams (Ill.).....	2,500

COMPTROLLER OF THE TREASURY.

Comptroller—Robert J. Tracewell (Ind.).....	5,500
Assistant—Leander P. Mitchell (Ind.).....	4,500
Chief Clerk—C. M. Force (Ky.).....	2,500
Chief Law Clerk—Jared D. Terrell (Mich.).....	2,500

AUDITORS.

Auditor for the Treasury Department—William E. Andrews (Neb.).....	4,000
Chief Clerk—Albion B. Jameson (Pa.).....	2,500
Auditor for War Department—Elton A. Gogwer (O.).....	4,000
Chief Clerk—Edward B. Seeds (Iowa).....	2,500
Auditor for the Interior Department—Howard C. Shober (S. D.).....	4,000
Chief Clerk—Preston E. Northup (Pa.).....	2,500
Auditor for the Navy Department—B. W. Tyler (O.).....	4,000
Chief Clerk—Byron J. Price (Wis.).....	2,500
Auditor for the State and Other Departments—Frank H. Davis (Del.).....	4,000
Chief Clerk—Charles H. Butler (Ind.).....	2,500
Auditor for Postoffice Department—Charles A. Kram (Pa.).....	4,000
Chief Clerk—Charles H. Keating (O.).....	2,500

TREASURER OF THE UNITED STATES.

Treasurer—Carmel Thompson (O.).....	6,000
Assistant Treasurer—Gideon C. Bantz (Md.).....	3,600
Deputy Assistant Treasurer—George Fort (Ga.).....	3,200
Supt. Nat. Bank Red. Div.—E. W. Wilson (Md.).....	3,500

COMPTROLLER OF THE CURRENCY.

Comptroller—Lawrence O. Murray (Ill.).....	5,000
Deputy—Thomas P. Kane (D. C.).....	3,000

COMMISSIONER OF INTERNAL REVENUE.

Commissioner—Royal C. Cabell (Va.).....	6,000
Deputy—Robert Williams, Jr. (N. Y.).....	4,000
Deputy—George E. Fletcher (La.).....	3,600

DIRECTOR OF THE MINT.

Director—George E. Roberts (Iowa).....	4,500
--	-------

PUBLIC HEALTH SERVICE.

Surgeon-General—Rupert Blue (S. C.).....	6,000
--	-------

WAR DEPARTMENT.

Secretary—Henry L. Stimson (N. Y.).....	\$12,000
Assistant Secretary—Robert Shaw Oliver (N. Y.).....	5,000
Assistant and Chief Clerk—John C. Scofield.....	4,000
Chief of Staff—Maj.-Gen. Leonard Wood.....	8,000
Chief Clerk—N. Hershler (Ill.).....	2,000

THE ADJUTANT-GENERAL'S OFFICE.

The Adjutant-General—Brig.-Gen. George Andrews.	
Assistants—Cols. H. O. S. Heistand, William A. Simpson, H. P. McCain, James T. Kerr, Alexander O. Brodie.	
Chief Clerk—Jacob Frech.	

INSPECTOR-GENERAL'S DEPARTMENT.

Inspector-General—Brig.-Gen. E. A. Garlington.	
Assistants—Cols. S. C. Mills, J. L. Chamberlain, H. P. Kingsbury.	
Chief Clerk—John D. Parker.	

JUDGE-ADVOCATE GENERAL'S OFFICE.

Judge-Advocate General—Brig.-Gen. E. H. Crowder.	
Assistants—Cols. Harvey C. Carbaugh, John A. Hull.	
Chief Clerk and Solicitor—Lewis W. Call.	

QUARTERMASTER'S CORPS.

Chief of Quartermaster's Corps—Brig.-Gen. James B. Aleshire.	
Assistants—Col. J. Gens. H. G. Sharpe, George P. Smith, Col. John L. Clem, E. E. Dravo, A. L. Smith, H. L. Rogers, George Ruhlen, William H. Miller, Frederick Von Schrader, F. G. Hodgson, John B. Bellinger, I. W. Littell, G. S. Bingham, W. Vinson, C. A. Devol, H. S. Wallace, D. L. Bratnard.	
Chief Clerk—Charles P. Daly.	

MEDICAL DEPARTMENT.

Surgeon-General—Brig.-Gen. George H. Torney.
 Assistants—Cols. W. C. Gorgas, L. M. Maus, D. M. Appell, H. O. Perley, William B. Davis, William W. Gray, L. Brechemin, Louis A. LaGarde, Charles Richard, R. G. Ebert, W. H. Arthur, G. E. Bushnell, H. P. Birmingham, W. Stephenson, J. L. Phillips.

Chief Clerk—John Wilson.

SIGNAL OFFICE.

Chief Signal Officer—Brig.-Gen. James Allen.
 Chief Clerk—Herbert S. Flynn.

CORPS OF ENGINEERS.

Chief of Engineers—Brig.-Gen. William H. Bixby.
 Chief Clerk—P. J. Dempsey.

PUBLIC BUILDINGS AND GROUNDS.

Officer in Charge—Col. Spencer Cosby.

ORDNANCE DEPARTMENT.

Chief of Ordnance—Brig.-Gen. William Crozier.
 Chief Clerk—John J. Cook.

BUREAU OF INSULAR AFFAIRS.

Chief of Bureau—Brig.-Gen. Clarence R. Edwards.
 Assistants—Col. Frank McIntyre, Maj. George H. Shelton.
 Chief Clerk—Adolphus D. Wilcox.

NAVY DEPARTMENT.

Secretary—George Von L. Meyer (Mass.)....\$12,000
 Assistant Secretary—Beekman Winthrop(N.Y.) 5,000
 Aid to Secretary of Navy—Lieutenant-Commander Leigh C. Palmer.
 Aids—Rear-Admirals Charles E. Vreeland and Charles J. Badger, Capts. Templin M. Potts and Albert J. Winterhalter.
 Chief Clerk—F. S. Curtis.

OFFICE OF ADMIRAL OF NAVY.

Admiral of the Navy—George Dewey.
 Aid—Lieutenant-Commander Leonard R. Sargent.
 Secretary—Lient. Leonard G. Hoffman.

OFFICE OF NAVAL INTELLIGENCE.

Director, Capt. Thomas S. Rodgers; Commanders Henry F. Ryan and Andrew T. Long; Lieutenant-Commanders Austin Kautz, Adolphus E. Watson, William F. Bricker; Lieuts. George M. Baum, Thomas Withers; Major of Marines Dion Williams.

BUREAU OF YARDS AND DOCKS.

Chief Civil Engineer—Homer R. Stanford.
 Civil Engineers—Paul L. Reed, Archibald L. Parsons, Carl A. Carlson.
 Chief Clerk—William M. Smith.

BUREAU OF NAVIGATION.

Chief, Rear-Admiral Phillip Andrews; Capt. W. I. Chambers, Commanders William K. Harrison, Reginald R. Belknap, Lieutenant-Commanders Frank E. Ridgely, Joseph K. Taussig, Lieut. Ralph A. Koch.
 Chief Clerk—G. Earle Yancey.

HYDROGRAPHIC OFFICE.

Hydrographer—Commander George F. Cooper.
 Assistant—Lieutenant-Commander William L. Littlefield.
 Clerk—H. L. Ballentine.

NAVAL OBSERVATORY.

Superintendent—Capt. Joseph L. Jayne.
 Professors—Milton Updegraff, William S. Eichelberger, Frank B. Littell, Asaph Hall.
 Librarian—W. D. Horigan.

BUREAU OF ORDNANCE.

Chief, Rear-Admiral Nathan C. Twining; Commanders Albert L. Norton, R. D. Hasbrouck, Frank H. Clark, Orton P. Jackson, Lieutenant-Commander Luther M. Overstreet, Lieuts. John W. Timmons, Byron A. Long, Manley H. Simons, Andrew C. Pickens.
 Chief Clerk—E. S. Brandt.

BUREAU OF CONSTRUCTION AND REPAIR.

Chief, Chief Constructor Richard M. Watt; Naval Constructors David W. Taylor, Stuart F. Smith, R. H. Robinson, William G. DuBose, John A. Spilman, Lewis B. McBride, George S. Radford,

James L. Ackerson, Assistant Naval Constructors Emory S. Land, Herbert S. Howard, James O. Gawne.

Chief Clerk—Michael D. Schaefer.

BUREAU OF STEAM ENGINEERING.

Chief, Engineer-in-Chief Hutch I. Cone; Capts. R. S. Griffin, Gustav Kaemmerling, Charles W. Dyson, Lieutenant-Commanders E. L. Bennett, R. C. Moody, David W. Todd, William H. Reynolds, D. F. Boyd, John Halligan Jr., A. G. Hepburn, Charles E. Courtney, Henry L. Wyman, Lieuts. N. H. Wright, Ormond L. Cox, Robert L. Irvine, Andrew F. Carter, George B. Wright.
 Chief Clerk—Augustus C. Wrenn.

BUREAU OF SUPPLIES AND ACCOUNTS.

Chief—Paymaster-General Thomas J. Cowle.
 Assistant—Pay Inspector Joseph J. Cheatham.
 Assistants—Paymasters Charles Morris, Jr., T. W. Leutze, David M. Addison, John D. Robnett, Frederick G. Pyne, Donald W. Nesbit, John S. Higgins, William C. Fite, Passed Assistant Paymasters B. M. Dobson, L. W. Jennings, Jr.

BUREAU OF MEDICINE AND SURGERY.

Chief—Surgeon-General Charles F. Stokes.
 Assistant to Bureau—Surgeon Theodore W. Richards.
 Surgeons A. W. Dunbar, F. E. McCullough, E. M. Blackwell, Passed Assistant Surgeons John L. Nelson, George A. Riker.
 Chief Clerk—W. S. Gibson.

NAVAL MEDICAL SCHOOL.

Medical Director—Henry G. Boyer, in command.
 Medical Inspector—Edward R. Stitt.
 Surgeons S. G. Evans, James C. Pryor, Raymond Spear, R. C. Holcomb, Passed Assistant Surgeons Philip E. Garrison, George B. Trible, M. E. Higgins, G. F. Clark.

NAVAL DISPENSARY.

Surgeon—Robert M. Kennedy.

OFFICE OF THE JUDGE-ADVOCATE GENERAL.

Judge-Advocate General, Capt. Robert L. Russell; Lieutenant-Commander Emmet R. Pollock, Lieuts. Robert Henderson, Frank B. Freyer, Walter B. Wood, Captains of Marines Arthur E. Harding, Jesse P. Dyer, First Lieutenant of Marines Arthur P. Crist.

NAVAL EXAMINING BOARD.

President, Rear-Admiral Thomas B. Howard; Capts. Wythe M. Parks, Clifford J. Boush, Walter McLean.

NAVAL RETIRING BOARD.

President, Rear-Admiral Thomas B. Howard; Capts. Clifford J. Boush, Walter McLean, Medical Directors L. G. Heneberger, William R. DuBose.

BOARD OF MEDICAL EXAMINERS.

President, Medical Director Daniel N. Bertelotte; Medical Directors Frank Anderson, William R. DuBose.

BOARD FOR EXAMINATION OF MEDICAL OFFICERS.

President, Medical Director James G. Gatewood; Medical Inspector Edward R. Stitt, Surgeons R. M. Kennedy, Raymond Spear, Passed Assistant Surgeon M. E. Higgins.

BOARD OF INSPECTION AND SURVEY FOR SHIPS.

President—Capt. Augustus F. Fechteler.
 Members—Capts. William S. Smith, Clarence S. Williams, Commander Carlo B. Brittain, Naval Constructor George H. Rock.
 Recorder—Commander Thomas J. Senn.

BOARD OF INSPECTION FOR SHORE STATIONS.

President—Capt. Harold P. Norton.
 Member—Capt. George R. Evans.
 Professor of Mathematics—Omenzo G. Dodge.

GENERAL INSPECTOR OF THE PAY CORPS.

Pay Inspector—William J. Littell.
 Pay Inspector—Joseph J. Cheatham.
 Paymaster's Clerks—George W. Masterson, Philly A. Caro.

INSPECTOR OF PUBLIC WORKS.

Civil Engineer—Andrew C. Cunningham.

GENERAL BOARD.

President, Admiral of the Navy George Dewey;
Rear-Admirals Newton E. Mason, Charles E.
Vreeland, Capts. Templin M. Potts, Albert G.
Winterhalter, Thomas S. Rodgers, William L.
Rodgers, William R. Shoemaker; Commander
Henry J. Ziegmeier.

JOINT BOARD.

President, Admiral of the Navy George Dewey;
Rear-Admirals Newton E. Mason, Charles E.
Vreeland, Capt. Templin M. Potts.

HEADQUARTERS MARINE CORPS.

Commandant—Maj. Gen. William P. Biddle.
Assistant Adjutants and Inspectors—Lieut.-Col.
Henry C. Haines, Maj. Albert S. McLemore.
Assistant Quartermasters—Lieut.-Col. Charles L. Mc-
Cawley.
Assistant Quartermasters—Maj. William B. Lemly,
Capt. Percy E. Archer.
Paymaster—Col. George Richards.
Assistant Paymasters—Capt. Davis B. Wills, Rus-
sell B. Putnam.

DEPARTMENT OF COMMERCE AND LABOR.

Secretary—Charles Nagel (Mo.).....\$12,000
Assistant Secretary—Benjamin S. Cable (Ill.) 5,000
Chief Clerk and Superintendent—Robert M.
Pindell, Jr. (Md.)..... 3,000

BUREAU OF CORPORATIONS.

Commissioner—Luther Conant, Jr. (N. Y.).... 5,000
Deputy Commissioner—Francis Walker (Mass.) 3,500

BUREAU OF LABOR.

Commissioner—Charles P. Neill (D. C.)..... 5,000
Chief Statistician and Chief Clerk—G. W. W.
Hanger (Miss.)..... 3,000

BUREAU OF LIGHTHOUSES.

Commissioner—G. R. Putnam (Iowa)..... 5,000
Deputy Commissioner—John S. Conaway (Mont.) 4,000

BUREAU OF CENSUS.

Director—Edward Dana Durand (Cal.)..... 6,000
Chief Clerk—William A. Hathaway (Pa.).... 3,000

COAST AND GEODETIC SURVEY.

Superintendent—O. H. Tittmann (Mo.)..... 6,000
Assistant—F. W. Perkins (N. J.)..... 4,000

STEAMBOAT INSPECTION SERVICE.

Supervising Inspector-General—George Uhler
(Pa.)..... 4,000
Chief Clerk—Dickerson N. Hoover, Jr. (D. C.) 2,000

BUREAU OF FISHERIES.

Commissioner—George M. Bowers (W. Va.).... 6,000
Deputy Commissioner—H. M. Smith (D. C.)... 3,500

BUREAU OF NAVIGATION.

Commissioner—E. T. Chamberlain (N. Y.).... 4,000
Deputy Commissioner—Arthur J. Tyrer (Wash.) 2,400

BUREAU OF IMMIGRATION AND NATURALIZATION.

Commissioner-General—Daniel J. Keefe (Mich.) 5,000
Asst. Commissioner—Gen. F. H. Larned (Md.) 3,500

BUREAU OF STANDARDS.

Director—S. W. Stratton (Ill.)..... 6,000
Secretary—H. D. Hubbard (Ill.)..... 2,200

BUREAU OF FOREIGN AND DOMESTIC COMMERCE.

Chief—Albertus H. Baldwin (Conn.)..... 4,000
Assistant Chief—Oscar P. Austin (D. C.)..... 3,000
Assistant Chief—Ethered A. Brand (Va.)..... 2,750

CHILDREN'S BUREAU.

Chief—Julia C. Lathrop (Ill.)..... 5,000
Assistant Chief—Lewis Meriam (Mass.)..... 2,400

POSTOFFICE DEPARTMENT.

Postmaster-General—F. H. Hitchcock (Mass.)...\$12,000
Chief Clerk and Superintendent—George G.
Thomson (Mich.)..... 4,000
Private Secretary to Postmaster-General—
Raymond W. Moulton (D. C.)..... 2,500
Assistant to Chief Clerk—Frank E. Frazier
(Wis.)..... 2,000
Assistant Attorney-General for the P. O. D.
—Russell P. Goodwin (Ill.)..... 5,000
Assistant Attorney—Paul N. Keyser (Iowa).... 2,750
Purchasing Agent—John A. Holmes (D. C.)... 4,000
Chief Clerk to Purchasing Agent—William L.
K. Barrett (Md.)..... 2,000

Chief Postoffice Inspector—Robert S. Sharp
(Tenn.)..... 4,000
Chief Clerk, Division Postoffice Inspectors—
John W. Johnston (N. Y.)..... 2,000
Appointment Clerk—George S. Paul (O.)..... 2,000
Disbursing Clerk—William M. Mooney (O.).... 2,250

OFFICE FIRST ASSISTANT POSTMASTER-GENERAL.

First Assistant Postmaster-General—Charles
P. Grandfield (Mo.)..... 5,000
Chief Clerk—E. T. Bushnell (Conn.)..... 2,500
Superintendent of Salaries and Allowances—
John C. Koons (Md.)..... 4,000
Assistant Superintendent of Salaries and Al-
lowances—Charles H. Trotter (W. Va.)..... 2,250
Superintendent Division Appointments—Ray-
ard Wyman (Mich.)..... 3,000
Assistants Division Appointments—Simon E.
Sullivan (Md.), E. W. Ford (N. Y.)..... 2,900
Superintendent City Free Delivery Service—
W. R. Spilman (Kas.)..... 3,000
Assistant Superintendent City Free Delivery
Service—D. W. Duncan (Pa.)..... 2,000

OFFICE SECOND ASSISTANT POSTMASTER-GENERAL.

Second Assistant Postmaster-General—Joseph
Stewart (Mo.)..... 5,000
Chief Clerk—Aleyne A. Fisher (Vt.)..... 2,500
Superintendent of Railway Adjustments—
Charles H. McBride (N. Y.)..... 3,000
Assistant Superintendent of Railway Adjust-
ments—George E. Bandel (Md.)..... 2,250
Superintendent Division Miscellaneous Trans-
portation—(Vacancy)..... 2,000
Superintendent Division Mail Equipment—
Thomas P. Graham (N. Y.)..... 2,000
General Superintendent Railway Mail Service
—Theodore Ingalls (Ky.)..... 4,000
Assistant General Superintendent Railway
Mail Service—George F. Stone (N. Y.)..... 3,500
Chief Clerk Railway Mail Service—Edward
W. Chatterton (N. Y.)..... 2,000
Superintendent Foreign Mails—Basil Miles (Pa.) \$3,000
Assistant Superintendent Foreign Mails—Ed-
win Sands (N. Y.)..... 2,500
Assistant Superintendent Foreign Mails—R.
L. Maddox (Ky.)..... 2,000

OFFICE THIRD ASSISTANT POSTMASTER-GENERAL.

Third Assistant Postmaster-General—James
J. Britt (N. C.)..... 5,000
Chief Clerk—Clarence B. Hurrey (N. J.)..... 2,500
Superintendent of Money Order Division—Ed-
ward F. Kimball (Mass.)..... 3,500
Chief Clerk of Money Order Division—Frank
H. Rainey (D. C.)..... 2,250
Superintendent Registry System—Clarence H.
Buckler (Md.)..... 2,500
Superintendent Division of Finance—Charles
H. Fullaway (Pa.)..... 2,250
Superintendent Division of Stamps—William
C. Fitch (N. Y.)..... 2,750
Superintendent Classification Division—Wil-
liam C. Wood (Kas.)..... 2,750
Chief Redemption Division—Edward McCa-
ley (D. C.)..... 2,000
Stamped Envelope Agent—William W. Barre
(Neb.)..... 2,500

OFFICE FOURTH ASSISTANT POSTMASTER-GENERAL.

Fourth Assistant Postmaster-General—P. V.
DeGraw (Pa.)..... 5,000
Chief Clerk—William J. Satterfield (W. Va.) 2,500
Superintendent Rural Mails—George L. Wood
(Md.)..... 3,000
Assistant Superintendent Div. Rural Mails—
E. P. Roderick (Ill.)..... 2,000
Chief Clerk Div. Rural Mails—Robert H.
Prender (D. C.)..... 2,000
Superintendent of Postoffice Supplies—James
B. Cook (Md.)..... 2,500
Superintendent Dead Letter Office—James E.
Young (Pa.)..... 2,750
Chief Clerk Dead Letter Office—Charles N.
Dalzell (N. Y.)..... 1,800
Topographer—David M. Hildreth (N. H.)..... 2,750

POSTAL SAVINGS SYSTEM.

Director—Theodore L. Weed (Conn.)..... 5,000
Assistant Director—Arthur L. Davis (Ill.).... 2,500
OFFICE OF AUDITOR FOR POSTOFFICE DEPARTMENT.
Auditor—Charles A. Kram (Pa.)..... 5,000

Assistant and Chief Clerk—Charles H. Keating (O.).....	3,000
Law Clerk—Faber Stevens (O.).....	3,000
Chief Division of Postmasters' Accounts—T. H. Sweeney (Minn.).....	2,250
Chief Division of Warrant Payments—D. N. Burbank (N. Y.).....	2,250
Chief Division of Money Order Auditing—W. H. Wanamaker (Minn.).....	2,250
Chief Division of Money Order Assorting—Charles F. Cummins (Va.).....	2,250

DEPARTMENT OF JUSTICE.

Attorney-General—G. W. Wickersham (N. Y.).....	\$12,000
Secretary to Attorney-General—Frank Cole, (N. Y.).....	3,000
Solicitor-General—William M. Bullitt (Ky.).....	10,000
Assistant Attorney-General—James A. Fowler (Tenn.).....	7,000
Assistant Attorney-General—John Q. Thompson (Kas.).....	5,000
Assistant Attorney-General—William R. Harr (D. C.).....	5,000
Assistant Attorney-General (Department of Interior)—Charles W. Cobb (Cal.).....	5,000
Assistant Attorney-General—Winfred T. Denison (N. Y.).....	5,000
Assistant Attorney-General—Ernest Knaebel (Col.).....	5,000
Assistant Attorney-General—Jesse C. Adkins (Mass.).....	5,000
Assistant Attorney-General—William H. Lewis (Mo.).....	5,000
Solicitor for Department of State—J. Reuben Clark, Jr. (Utah).....	5,000
Attorney in Charge of Titles—Henry L. Gilbert (Mich.).....	3,500
Attorney—Marsden C. Burch (Mich.).....	5,000
Attorney—Oliver E. Pagin (Ill.).....	5,000
Attorney—Reeves T. Strickland (N. Y.).....	5,000
Chief Clerk and Superintendent of Building—Orin J. Field (Kas.).....	3,500
Disbursing Clerk—James H. Mackey (Col.).....	2,750
Appointment Clerk—Chas. B. Sornborger (Vt.).....	2,000
Attorney in Charge of Pardons—James A. Finch (N. Y.).....	3,000
Solicitor of Treasury (Treasury Department)—William T. Thompson (Neb.).....	5,000
Assistant Solicitor—Felix A. Reeve (Tenn.).....	3,000
Chief Clerk Solicitor's Office (Treasury Department)—Charles E. Vrcoman (Iowa).....	2,000
Solicitor (Department Commerce and Labor)—Charles Earl (Md.).....	5,000
Assistant Solicitor (Department of Commerce and Labor)—Edward T. Quigley.....	3,000
Assistant Attorney-General (Postoffice Department)—Russell P. Goodwin (Ill.).....	5,000
Solicitor Internal Revenue—Fletcher Maddox (Mont.).....	5,000
Superintendent of Prisons and Prisoners—Robert V. LaDow (N. Y.).....	4,000
Chief Division of Investigation—Alexander B. Bielaski (Md.).....	3,500
Chief of Division of Accounts—John J. Glover (O.).....	2,500

INTERIOR DEPARTMENT.

Secretary—Walter L. Fisher (Ill.).....	\$12,000
First Assistant Secretary—Samuel Adams (Ill.).....	5,000
Assistant Secretary—Lewis C. Laylin (O.).....	4,500
Chief Clerk—Clement S. Ucker (O.).....	4,000
Asst. Attorney-General—Chas. W. Cobb (Cal.).....	5,000

GENERAL LAND OFFICE.

Commissioner—Fred Bennett (N. D.).....	5,000
Asst. Commissioner—Samuel V. Prouditt (Ia.).....	3,500
Chief Clerk—Frank Bond (Wyo.).....	2,750

OFFICE OF INDIAN AFFAIRS.

Commissioner—(Vacancy).....	5,000
Asst. Commissioner—Fred H. Abbott (Neb.).....	3,500
Second Assistant Commissioner—Charles M. Hauke (Wash.).....	2,250

PENSION OFFICE.

Commissioner—James L. Davenport (N. H.).....	5,000
First Deputy Com'r—Leander Stillwell (Kas.).....	3,600

Chief Clerk—Charles C. Stouffer (Pa.).....	2,500
Medical Referee—Charles F. Whitney (Ill.).....	3,000

PATENT OFFICE.

Commissioner—Edward B. Moore (Mich.).....	5,000
First Assistant Commissioner—Cornelius C. Billings (Vt.).....	4,500
Assistant Commissioner—Frederick A. Tennant (N. Y.).....	3,500
Chief Clerk—William F. Woolard (Ill.).....	3,000

BUREAU OF EDUCATION.

Commissioner—Philander P. Claxton (Tenn.).....	5,000
Chief Clerk—Lewis A. Kalbach (Pa.).....	2,000

GEOLOGICAL SURVEY.

Director—George Otis Smith (Me.).....	6,000
Chief Clerk—Henry C. Kizer (Kas.).....	2,500

RECLAMATION SERVICE.

Director—Frederick H. Newell (Pa.).....	7,500
Chief Engineer—Arthur P. Davis (Kas.).....	6,000
Chief Clerk—Edwin G. Paul (Pa.).....	2,400

BUREAU OF MINES.

Director—Joseph A. Holmes (N. C.).....	6,000
Chief Clerk—Van H. Manning (Miss.).....	3,600

DEPARTMENT OF AGRICULTURE.

Secretary—James Wilson (Iowa).....	\$12,000
Assistant Secretary—W. M. Hays (Minn.).....	5,000
Solicitor—George P. McCabe (Utah).....	5,000
Chief Clerk—C. C. Clark (Pa.).....	3,500
Appointment Clerk—R. W. Roberts (Ill.).....	2,000
Private Secretary to Secretary of Agriculture—Robert M. Reese (Md.).....	2,500
Chief of Weather Bureau—W. L. Moore (Ill.).....	6,000
Chief of Bureau of Animal Industry—Alonso D. Melvin (Ill.).....	5,000
Statistician—Victor H. Olmsted (N. C.).....	4,000
Statistical Scientist in Charge of Investigations of Production and Distribution—George K. Holmes (Mass.).....	3,500
Chemist—Dr. R. E. Doolittle (Mich.).....	4,500
Entomologist—L. O. Howard (N. Y.).....	4,500
Chief of Biological Survey—H. W. Henshaw (Mass.).....	3,500
Chief of Forest Service—Henry S. Graves (Conn.).....	5,000
Chief of Bureau of Soils—Milton Whitney (Md.).....	4,000
Director Office of Experiment Stations—A. C. True (Conn.).....	4,500
Chief Division of Accounts and Disbursements—A. Zappone (D. C.).....	4,000
Editor—Joseph A. Arnold (Ind.).....	3,250
Chief Bureau of Plant Industry (in charge of Seed Distribution)—B. T. Galloway (Mo.).....	5,000
Botanist—F. Coville (N. Y.).....	3,500
Pomologist—G. B. Brackett (Iowa).....	3,245
Agriculturist—William J. Spillman (Wash.).....	4,000
Director of Public Roads—L. W. Page (Mass.).....	4,000

INDEPENDENT BUREAUS.

GOVERNMENT PRINTING OFFICE.

Public Printer—S. B. Donnelly (N. Y.).....	\$5,500
Deputy Public Printer—Henry T. Brian (Md.).....	4,500
Chief Clerk—W. J. Dow (Mo.).....	2,500
Superintendent of Work—John R. Berg (Neb.).....	3,600
Supt. of Documents—August Donath (Pa.).....	3,500
Purchasing Agent—Edward S. Moores (Wis.).....	3,600

UNITED STATES CIVIL SERVICE COMMISSION.

Commissioners—John C. Black (Ill.).....	4,000
Chief Examiner—George R. Wales (Vt.).....	3,000
Secretary—John T. Doyle (N. Y.).....	2,500

INTERSTATE COMMERCE COMMISSION.

Chairman—Charles A. Prouty (Vt.).....	10,000
Judson C. Clements (Ga.).....	10,000
Franklin K. Lane (Cal.).....	10,000
Edgar E. Clark (Iowa).....	10,000
James S. Harlan (Ill.).....	10,000
Charles C. McCaord (Ky.).....	10,000
Balthasar H. Meyer (Wis.).....	10,000
Secretary—John H. Marble.....	5,000
Assistant Secretary—George B. McGinty.....	3,600

The Federal Judiciary.

SUPREME COURT.

Chief Justice—Edward D. White, Louisiana...	1910
Associate Justices—Joseph R. Lamar, Georgia...	1910
Joseph McKenna, California...	1898
Oliver W. Holmes, Massachusetts...	1902
William R. Day, Ohio...	1903
Horace H. Lurton, Tennessee...	1900
Charles E. Hughes, New York...	1910
Willis Van Devanter, Wyoming...	1910
Mahlon Pitney, New Jersey...	1912
Clerk—J. H. McKenney, District of Columbia...	1880
Marshal—J. M. Wright, Kentucky...	1888
Reporter—C. H. Butler, New York...	1902
Salaries: Chief Justice, \$13,000; justices, \$12,000;	
clerk, \$6,000; marshal, \$3,500; reporter, \$4,500.	
*Appointed associate justice, 1894.	

COURT OF CLAIMS.

Salaries of judges, \$6,000 each; chief justice, \$6,500.	
Chief Justice—S. J. Peelle, Indiana...	1906
Judges—Fenton W. Booth, Illinois...	1905
Samuel S. Barney, Wisconsin...	1906
C. B. Howry, Mississippi...	1897
George W. Atkinson, West Virginia...	1906

COURT OF CUSTOMS APPEALS

(Acts of Aug. 5, 1909, and Feb. 25, 1910.)

Presiding Judge—Robert M. Montgomery, Mich...	1910
Associate Judges—James E. Smith, California...	1910
Orion M. Barber, Vermont...	1910
Marion De Vries, California...	1910
George E. Martin, Ohio...	1911
Marshal—Frank H. Briggs, Maine...	1911
Clerk—Arthur B. Shelton, Dist. of Columbia...	1910
Salaries: Judges, \$7,000 each; marshal, \$3,000;	
clerk, \$2,500.	

COMMERCE COURT.

(Act of June 13, 1910.)

Judges—Martin A. Knapp, New York...	1910
Robert W. Archbald, Pennsylvania...	1911
William H. Hunt, Montana...	1911
John Emmett Carland, South Dakota...	1911
Julian W. Mack, Illinois...	1911
Marshal—Frank J. Starek, Ohio...	1911
Clerk—G. F. Snyder, West Virginia...	1911
Salaries: Judges of the Commerce court get \$7,000	
a year each as Circuit court judges and \$1,500 addi-	
tional for expenses in Washington, where the court	
sits. The clerk gets \$4,000 and the marshal	
\$3,000 a year.	

CIRCUIT COURTS OF APPEALS.

FIRST CIRCUIT—Judges: Mr. Justice Oliver W. Holmes; circuit judges, Le Baron B. Colt, W. L. Putnam, Frederick Dodge; district judges, Clarence Hale, Arthur L. Brown, Edgar Aldrich, James M. Morton, Jr.	
SECOND CIRCUIT—Judges: Mr. Justice Charles E. Hughes; circuit judges, E. H. Lacombe, Henry G. Ward, Alfred C. Cox, Walter C. Noyes, Martin A. Knapp; district judges, James P. Platt, Julius M. Mayer, George C. Holt, George W. Ray, John R. Hazel, Charles M. Hough, Thomas L. Chatfield, Learned Hand, Van V. Veed, R. James L. Martin.	
THIRD CIRCUIT—Judges: Mr. Justice Mahlon Pitney; circuit judges, George Gray, Joseph Buffington, John B. McPherson, Robert W. Archbald; district judges, Edward G. Bradford, Joseph Cross, James B. Holland, J. W. Thompson, James S. Young, John Rellstab, Charles P. Orr, Charles B. Witmer.	
FOURTH CIRCUIT—Judges: Mr. Chief Justice Edward D. White; circuit judges, Jeter C. Pritchard, Nathan Goff; district judges, Benjamin F. Keller, Henry G. Connor, James E. Boyd, Edmund Waddill, Jr., H. Clay McDowell, Alston G. Dayton, John C. Rose.	
FIFTH CIRCUIT—Judges: Mr. Justice Joseph R. Lamar; circuit judges, D. A. Pardee, A. P. McCormick, David D. Shelby; district judges, W. T. Newman, Emory Speer, Thomas G. Jones, H. T. Toutin, H. C. Niles, Aleck Boatman, Edward R. Meek, T. S. Maxey, Waller T. Burns, William I. Grubb, Rufus E. Foster, William B. Sheppard, Gordon Russell, John M. Cheney.	

SIXTH CIRCUIT—Judges: Mr. Justice William R. Day; circuit judges, Arthur C. Denison, Loyal E. Knapp, John W. Warrington; district judges, Walter Evans, A. M. J. Cochran, John E. McCall, John E. Sater, Edward T. Sanford, Clarence W. Sessions, J. M. Killits, H. C. Hollister, Arthur J. Tuttle, William L. Day.

SEVENTH CIRCUIT—Judges: Mr. Justice Horace H. Lurton; circuit judges, Francis E. Baker, William H. Seaman, C. C. Kohlsaat, Julia W. Mack; district judges, Albert B. Anderson, J. Otis Humphrey, K. M. Landis, A. L. Sanborn, Francis M. Wright, George A. Carpenter, Arthur L. Sanborn.

EIGHTH CIRCUIT—Judges: Mr. Justice Willis Van Devanter; circuit judges, W. H. Sanborn, William C. Hook, Elmer B. Adams, Walter I. Smith, John E. Carland; district judges, William H. Munger, Smith McPherson, Page Morris, Jacob Trieber, J. A. Riner, Charles F. Amidon, John A. Marshall, Henry T. Reed, J. C. Pollock, W. H. Pope, D. P. Dyer, T. C. Munger, R. E. Campbell, J. H. Cotterall, Robert E. Lewis, Charles A. Willard, A. S. Van Valkenburgh, Frank A. Youmans, James D. Elliott.

NINTH CIRCUIT—Judges: Mr. Justice Joseph McKenna; circuit judges, E. M. Ross, William B. Gilbert, W. W. Morrow, William H. Hunt; district judges, J. J. DeHaven, O. Wellborn, Sanford B. Dole, John T. De Bolt, W. J. Robinson, J. A. Matthewman, C. F. Parsons, C. E. Wolverton, William C. Van Fleet, E. S. Farrington, F. S. Dietrich, R. S. Bean, T. R. Lyons, E. E. Cushman, A. Perry, W. L. Whitney, S. B. Kingsbury, C. D. Murane, Peter D. Overfield, Henry E. Cooper, A. G. M. Robertson, Charles F. Clements, Frank H. Rudkin, R. E. Sloan, George M. Bourquin, C. W. Howard, F. E. Fuller, Lyle A. Dickey.

CIRCUIT COURT JUDGES.

Salaries of circuit judges, \$7,000 each.

FIRST JUDICIAL CIRCUIT—Districts of Maine, New Hampshire, Massachusetts, Rhode Island. Circuit judges, Le Baron B. Colt, Providence, R. I., July 5, 1884; W. L. Putnam, Portland, Me., March 17, 1892; Frederic Dodge, Boston, Mass., July 23, 1912.

SECOND JUDICIAL CIRCUIT—Districts of Vermont, Connecticut, New York. Circuit judges, E. H. Lacombe, New York, N. Y., May 26, 1887; Alfred C. Cox, New York, N. Y., June 3, 1902; Henry G. Ward, New York, N. Y., Dec. 17, 1907; Walter C. Noyes, New London, Conn., Dec. 18, 1907; Martin A. Knapp, Washington, D. C., Dec. 20, 1910.

THIRD JUDICIAL CIRCUIT—Districts of New Jersey, Pennsylvania, Delaware. Circuit judges, Joseph Buffington, Pittsburgh, Pa., Sept. 25, 1906; George Gray, Wilmington, Del., Dec. 18, 1899; Robert W. Archbald, Washington, D. C., Jan. 31, 1911; John B. McPherson, Philadelphia, Pa., April 3, 1912.

FOURTH JUDICIAL CIRCUIT—Districts of Maryland, Virginia, West Virginia, North Carolina, South Carolina. Circuit judges, Nathan Goff, Clarksburg, W. Va., March 17, 1892; Jeter C. Pritchard, Asheville, N. C., April 27, 1904.

FIFTH JUDICIAL CIRCUIT—Districts of Georgia, Florida, Alabama, Mississippi, Louisiana, Texas. Circuit judges, Don A. Pardee, Atlanta, Ga., May 13, 1881; A. P. McCormick, Dallas, Texas, March 17, 1892; D. D. Shelby, Huntsville, Ala., March 2, 1899.

SIXTH JUDICIAL CIRCUIT—Districts of Ohio, Michigan, Kentucky, Tennessee. Circuit judges, Arthur C. Denison, Grand Rapids, Mich., Oct. 3, 1911; John W. Warrington, Cincinnati, O., March 16, 1909; Loyal E. Knapp, Grand Rapids, Mich., Jan. 31, 1910.

SEVENTH JUDICIAL CIRCUIT—Districts of Indiana, Illinois, Wisconsin. Circuit judges, Francis E. Baker, Indianapolis, Ind., Jan. 21, 1902; William H. Seaman, Sheboygan, Wis., March 1, 1905; Christian C. Kohlsaat, Chicago, Ill., March 18, 1905; Julian W. Mack, Washington, D. C., Jan. 31, 1911.

EIGHTH JUDICIAL CIRCUIT—Districts of Minnesota, North Dakota, South Dakota, Wyoming, Iowa, Missouri, Kansas, Arkansas, Nebraska, Colorado, Utah, New Mexico, Oklahoma. Circuit judges, W. H. Sanborn, St. Paul, Minn., March 17, 1892; William C. Hook, Leavenworth, Kas., Nov. 17, 1903; Elmer B. Adams, St. Louis, Mo., Dec. 12, 1905; John E. Carland, Washington, D. C., Jan.

31, 1911; Walter I. Smith, Council Bluffs, Iowa, Jan. 31, 1911.

NINTH JUDICIAL CIRCUIT—Districts of California, Montana, Washington, Idaho, Oregon, Nevada, Alaska, Arizona, Hawaii. Circuit judges, E. M. Ross, Los Angeles, Cal., Feb. 22, 1895; W. B. Gilbert, Portland, Ore., March 18, 1892; William W. Morrow, San Francisco, Cal., May 20, 1897; William H. Hunt, Washington, D. C., Jan. 31, 1911.

JUDGES OF THE UNITED STATES DISTRICT COURTS.

With date of commission. Salaries, \$6,000 each.

ALABAMA —Northern and Middle Districts.....	Thomas Goode Jones.....	Montgomery.....	Dec. 17, 1901
Southern District.....	H. T. Toulmin.....	Mobile.....	Jan. 13, 1887
Northern District.....	William I. Grubb.....	Birmingham.....	May 30, 1908
ALASKA —First District.....	Thos. R. Lyons.....	Juneau.....	May 4, 1909
Second District.....	C. D. Murane.....	Nome.....	July 5, 1910
Third District.....	Peter D. Overfield.....	Fairbanks.....	June 16, 1909
Fourth District.....	Frederick E. Fuller.....	Fairbanks.....	Aug. 16, 1912
ARIZONA	Richard E. Sloan.....	Phoenix.....	Aug. 26, 1912
First District.....	Jacob T. Barber.....	Flagstaff.....	Jan. 9, 1904
Western District.....	Frank A. Youmans.....	Fort Smith.....	June 20, 1911
CALIFORNIA —Northern District.....	John J. De Haven.....	San Francisco.....	Dec. 8, 1897
Southern District.....	Wm. C. Van Fleet.....	San Francisco.....	Dec. 17, 1907
COLORADO	Olin Wellborn.....	Los Angeles.....	Mar. 1, 1895
CONNECTICUT	Robert B. Lewis.....	Denver.....	Apr. 10, 1906
DELAWARE	James P. Platt.....	Hartford.....	Mar. 23, 1902
DISTRICT OF COLUMBIA	Edward G. Bradford.....	Wilmington.....	May 11, 1897
FLORIDA —Northern District.....	Seth Shepard, Ch. J.....	Little Rock.....	Jan. 9, 1904
Southern District.....	Wm. B. Sheppard.....	Pensacola.....	May 20, 1908
GEORGIA —Northern District.....	John M. Cheney.....	Jacksonville.....	Aug. 26, 1912
Southern District.....	William T. Newman.....	Atlanta.....	Aug. 13, 1886
HAWAII	Emory Speer.....	Macon.....	Feb. 18, 1885
IDAH0	A. G. M. Robertson, Ch. J.....	Honolulu.....	May 15, 1911
ILLINOIS —Northern District.....	Frank S. Dietrich.....	Boise.....	Dec. 17, 1907
Eastern District.....	Kenesaw M. Landis.....	Chicago.....	Mar. 18, 1905
Southern District.....	Geo. A. Carpenter.....	Chicago.....	Jan. 11, 1910
INDIANA	Francis M. Wright.....	Urbana.....	Mar. 17, 1905
IOWA —Northern District.....	J. Otis Humphrey.....	Springfield.....	Mar. 8, 1901
Southern District.....	A. B. Anderson.....	Indianapolis.....	Dec. 8, 1902
KANSAS	Henry T. Reed.....	Cresco.....	Mar. 7, 1904
KENTUCKY —Eastern District.....	Smith McPherson.....	Red Oak.....	May 7, 1900
Western District.....	John C. Pollock.....	Kansas City.....	Dec. 1, 1901
LOUISIANA —Eastern District.....	A. M. J. Cochran.....	Maysville.....	Dec. 17, 1901
Western District.....	Walter Evans.....	Louisville.....	Mar. 3, 1899
MAINE	Rufus E. Foster.....	New Orleans.....	Feb. 2, 1909
MARYLAND	Aleck Boorman.....	Shreveport.....	May 18, 1881
MASSACHUSETTS	Clarence Hale.....	Portland.....	July 1, 1902
MICHIGAN —Eastern District.....	Thomas J. Morris.....	Baltimore.....	July 1, 1879
Western District.....	John C. Rose.....	Baltimore.....	Apr. 4, 1910
MINNESOTA	James M. Morton, Jr.....	Boston.....	Aug. 12, 1912
MISSISSIPPI —Two Districts.....	Arthur J. Tuttle.....	Detroit.....	Aug. 6, 1912
MISSOURI —Eastern District.....	C. W. Sessions.....	Grand Forks.....	Oct. 3, 1911
Western District.....	Charles A. Willard.....	Minneapolis.....	May 18, 1909
MONTANA	Page Morris.....	Duluth.....	July 1, 1903
NEBRASKA	Henry C. Niles.....	Kosciusko.....	Jan. 11, 1902
NEVADA	David P. Dyer.....	St. Louis.....	Mar. 1, 1907
NEW HAMPSHIRE	A. S. Van Valkenburg.....	Kansas City.....	June 25, 1910
NEW JERSEY	Geo. M. Bourquin.....	Butte.....	Mar. 8, 1912
NEW MEXICO	William H. Munger.....	Omaha.....	Feb. 18, 1897
NEW YORK —Northern District.....	T. C. Munger.....	Lincoln.....	Mar. 1, 1907
Southern District.....	E. S. Farrington.....	Carson.....	Jan. 10, 1907
Eastern District.....	Edgar Aldrich.....	Littleton.....	Feb. 20, 1891
Western District.....	John Rellstab.....	Trenton.....	May 18, 1909
NORTH CAROLINA —Eastern District.....	Joseph Cross.....	Elizabeth.....	Mar. 17, 1905
Western District.....	William H. Pope.....	Roswell.....	Feb. 20, 1912
NORTH DAKOTA	George W. Ray.....	Norwich.....	Dec. 8, 1902
OHIO —Northern District.....	Julius M. Mayer.....	New York city.....	Feb. 26, 1912
Southern District.....	George C. Holt.....	New York city.....	June 27, 1906
Eastern District.....	Charles M. Hough.....	New York city.....	Jan. 26, 1909
Western District.....	Learned Hand.....	Brooklyn.....	Jan. 9, 1907
NORTH CAROLINA —Eastern District.....	Thos. I. Chatfield.....	Brooklyn.....	Jan. 26, 1911
Western District.....	Van V. Veeder.....	Buffalo.....	June 5, 1900
NORTH DAKOTA	John R. Hazel.....	Wilson.....	May 25, 1909
OHIO —Northern District.....	Henry G. Connor.....	Greensboro.....	Jan. 9, 1901
Southern District.....	James E. Boyd.....	Fargo.....	Feb. 18, 1907
OKLAHOMA —Eastern District.....	Charles S. Bean.....	Cleveland.....	Mar. 1, 1911
Western District.....	William L. Day.....	Toledo.....	June 24, 1910
OREGON	John M. Killits.....	Cincinnati.....	Mar. 7, 1910
PENNSYLVANIA —Eastern District.....	H. C. Hollister.....	Columbus.....	May 30, 1908
Middle District.....	John E. Sater.....	Muskogee.....	Jan. 13, 1908
Western District.....	Ralph E. Campbell.....	Guthrie.....	Jan. 13, 1908
PORTO RICO	John H. Cotterall.....	Portland.....	Jan. 10, 1906
RHODE ISLAND	C. E. Wolverton.....	Portland.....	Apr. 28, 1909
	Robert S. Beaman.....	Philadelphia.....	July 16, 1912
	James S. Young.....	Sanbury.....	May 2, 1911
	Charles P. Orr.....	Pittsburg.....	Feb. 1, 1908
	Jose C. Hernandez, Ch. J.....	Pittsburg.....	Apr. 8, 1909
	Arthur L. Brown.....	San Juan.....	Apr. 9, 1909
		Providence.....	Oct. 15, 1896

SOUTH CAROLINA.....	Henry A. M. Smith.....	Charleston.....	June 7, 1911
SOUTH DAKOTA.....	James D. Elliott.....	Sioux Falls.....	June 7, 1911
TENNESSEE—Eastern and Middle Districts.....	Edward T. Sanford.....	Knoxville.....	May 18, 1908
Western District.....	John E. McCall.....	Memphis.....	Jan. 17, 1905
TEXAS—Eastern District.....	Gordon Russell.....	Tyler.....	June 6, 1910
Western District.....	Thomas S. Maxey.....	Austin.....	June 25, 1888
Northern District.....	Edw. R. Meek.....	Dallas.....	Feb. 15, 1890
Southern District.....	Walter T. Burns.....	Houston.....	July 1, 1902
UTAH.....	John A. Marshall.....	Salt Lake City.....	Feb. 4, 1896
VERMONT.....	Jas. L. Martin.....	Brattleboro.....	Mar. 16, 1906
VIRGINIA—Eastern District.....	Edmund Waddill, Jr.....	Richmond.....	Dec. 22, 1898
Western District.....	H. Clay McDowell.....	Bigstone Gap.....	Dec. 18, 1901
WASHINGTON—Western District.....	Edward E. Cushman.....	Tacoma.....	May 1, 1912
Eastern District.....	Clinton W. Howard.....	Seattle.....	Aug. 26, 1912
WEST VIRGINIA—Northern District.....	Frank H. Rudkin.....	Spokane.....	Jan. 31, 1911
Southern District.....	Alston G. Dayton.....	Philippi.....	Mar. 14, 1905
WISCONSIN—Eastern District.....	Benjamin F. Keller.....	Bramwell.....	July 1, 1901
Western District.....	Ferdinand A. Geiger.....	Madison.....	Mar. 29, 1912
WYOMING.....	A. L. Sanborn.....	Madsen.....	Jan. 9, 1905
	John A. Riner.....	Cheyenne.....	Sept. 22, 1890

UNITED STATES DISTRICT ATTORNEYS.

ALABAMA—Northern District.....	O. D. Street.....	Birmingham.....
Middle District.....	Warren S. Reese.....	Montgomery.....
Southern District.....	James B. Sloan.....	Mobile.....
ALASKA—First Division.....	John Rustgard.....	Juneau.....
Second Division.....	B. S. Rodney.....	Nome.....
Third Division.....	Geo. R. Walker.....	Valdez.....
Fourth Division.....	Jas. J. Crossley.....	Fairbanks.....
ARIZONA.....	Al E. Morrison.....	Tucson.....
ARKANSAS—Eastern District.....	William G. Whipple.....	Little Rock.....
Western District.....	John L. Worthington.....	Fort Smith.....
CALIFORNIA—Northern District.....	John L. McNab.....	San Francisco.....
Southern District.....	Aloysius I. McCormick.....	Los Angeles.....
COLORADO.....	Harry E. Kelly.....	Denver.....
CONNECTICUT.....	Frederick A. Scott.....	Hartford.....
DELAWARE.....	John P. Nields.....	Wilmington.....
DISTRICT OF COLUMBIA.....	Clarence B. Wilson.....	Washington.....
FLORIDA—Northern District.....	Fred C. Cubberly.....	Pensacola.....
Southern District.....	John M. Cheney.....	Jacksonville.....
GEORGIA—Northern District.....	Farish C. Tate.....	Atlanta.....
Southern District.....		
HAWAII.....	Robert W. Breckons.....	Honolulu.....
IDAHOO.....	C. H. Lingenfelter.....	Boise.....
ILLINOIS—Northern District.....	Jas. H. Wilkerson.....	Chicago.....
Eastern District.....	William E. Trautman.....	Duquoin.....
Southern District.....	William A. Northcott.....	Springfield.....
INDIANA.....	Charles W. Miller.....	Indianapolis.....
IOWA—Northern District.....	Frederick F. Faville.....	Sioux City.....
Southern District.....	Marcellus L. Temple.....	Des Moines.....
KANSAS.....	Harry J. Bone.....	Topeka.....
KENTUCKY—Western District.....	George Du Relle.....	Louisville.....
Eastern District.....	Edwin P. Morrow.....	Covington.....
LOUISIANA—Eastern District.....	Charlton R. Beattie.....	New Orleans.....
Western District.....	E. H. Randolph.....	Shreveport.....
MAINE.....	R. T. Whitehouse.....	Portland.....
MARYLAND.....	John P. Hill.....	Baltimore.....
MASSACHUSETTS.....	Asa P. French.....	Boston.....
MICHIGAN—Eastern District.....	Clyde I. Webster.....	Detroit.....
Western District.....	Fred C. Wetmore.....	Grand Rapids.....
MINNESOTA.....	Charles C. Houpt.....	St. Paul.....
MISSISSIPPI—Northern District.....	Robert C. Lee.....	Vicksburg.....
Southern District.....	Charles A. Houts.....	St. Louis.....
MISSOURI—Eastern District.....	Leshie J. Lyons.....	Kansas City.....
Western District.....	James W. Freeman.....	Helena.....
MONTANA.....	Francis S. Howell.....	Omaha.....
NEBRASKA.....	Samuel Platt.....	Carson City.....
NEVADA.....	Charles W. Hoyt.....	Nashua.....
NEW HAMPSHIRE.....	John E. Vreeland.....	Trenton.....
NEW JERSEY.....	Stephen B. Davis, Jr.....	Las Vegas.....
NEW MEXICO.....	George B. Curtiss.....	Binghamton.....
NEW YORK—Northern District.....	Henry A. Wise.....	New York city.....
Southern District.....	William J. Youngs.....	Brooklyn.....
Eastern District.....	John Lord O'Brian.....	Buffalo.....
Western District.....	Herbert F. Seawell.....	Raleigh.....
NORTH CAROLINA—Eastern District.....	Alfred E. Holton.....	Winston.....
Western District.....	Edward Engerud.....	Fargo.....
NORTH DAKOTA.....	Glysses G. Denman.....	Cleveland.....
OHIO—Northern District.....	Sherman T. McPherson.....	Cincinnati.....
Southern District.....	William J. Gregg.....	Muskogee.....
OKLAHOMA—Eastern District.....	Homer N. Boardman.....	Guthrie.....
Western District.....	John McCourt.....	Portland.....
OREGON.....	John C. Swartley.....	Philadelphia.....
PENNSYLVANIA—Eastern District.....	Andrew B. Dunsmore.....	Scranton.....
Middle District.....	Robt. H. Jordan.....	Pittsburgh.....
Western District.....	William N. Landers.....	San Juan.....
Puerto Rico.....	Walter R. Stines.....	Providence.....
RHODE ISLAND.....	Ernest F. Cochran.....	Charleston.....
SOUTH CAROLINA.....	Edward E. Wagner.....	Sioux Falls.....
SOUTH DAKOTA.....	James B. Cox.....	Knoxville.....
TENNESSEE—Eastern District.....	Abram M. Tillman.....	Nashville.....
Middle District.....	Casey Todd.....	Memphis.....
Western District.....		

TEXAS—Eastern District.....	James W. Ownby.....	Paris.
Northern District.....	William H. Atwell.....	Dallas.
Western District.....	Charles A. Boynton.....	Waco.
Southern District.....	Lock McDaniel.....	Houston.
UTAH.....	Hiram E. Booth.....	Salt Lake City.
VERMONT.....	Alex. Dunnett.....	Burlington.
VIRGINIA—Eastern District.....	D. L. Groner.....	Richmond.
Western District.....	Barnes Gillespie.....	Roanoke.
WASHINGTON—Western District.....	B. W. Colner.....	Seattle.
Eastern District.....	Oscar Cain.....	Spokane.
WEST VIRGINIA—Northern District.....	H. Roy Waugh.....	Parkersburg.
Southern District.....	Harold A. Ritz.....	Huntington.
WISCONSIN—Eastern District.....	Guy D. Goff.....	Milwaukee.
Western District.....	George H. Gordon.....	Madison.
WYOMING.....	H. S. Ridgely.....	Cheyenne.

UNITED STATES MARSHALS.

ALABAMA—Northern District.....	Pope M. Long.....	Birmingham.
Middle District.....	Benjamin E. Walker.....	Montgomery.
Southern District.....	Gilbert B. Deans.....	Mobile.
ALASKA—First Division.....	Herbert L. Faulkner.....	Juneau.
Second Division.....	Thomas C. Powell.....	Nome.
Third Division.....	Harvey F. Sullivan.....	Denver.
Fourth Division.....	Henry K. Love.....	Fairbanks.
ARIZONA.....	Charles A. Overlock.....	Tucson.
ARKANSAS—Eastern District.....	H. L. Rammel.....	Little Rock.
Western District.....	John F. Mayes.....	Fort Smith.
CALIFORNIA—Northern District.....	Charles T. Elliott.....	San Francisco.
Southern District.....	L. V. Youngworth.....	Los Angeles.
CONNECTICUT.....	Dewey C. Bailey.....	Denver.
DELAWARE.....	Sidney E. Hawley.....	Hartford.
DISTRICT OF COLUMBIA.....	George L. Townsend.....	Wilmington.
FLORIDA—Northern District.....	Aulick Palmer.....	Washington.
Southern District.....	Thomas F. McGourin.....	Pensacola.
GEORGIA—Northern District.....	John F. Horr.....	Tampa.
Southern District.....	Walter H. Johnson.....	Atlanta.
HAWAII.....	George F. White.....	Macon.
IDAHO.....	E. R. Hendry.....	Honolulu.
ILLINOIS—Northern District.....	S. L. Hodgkin.....	Boise.
Eastern District.....	Luman T. Hoy.....	Chicago.
Southern District.....	Charles P. Hitch.....	Danville.
INDIANA.....	William H. Behrens.....	Springfield.
IOWA—Northern District.....	Edward H. Schmidt.....	Indianapolis.
Southern District.....	Edward Knott.....	Dubuque.
KANSAS.....	Frank B. Clark.....	Des Moines.
KENTUCKY—Western District.....	John R. Harrison.....	Topeka.
Eastern District.....	George W. Long.....	Louisville.
LOUISIANA—Eastern District.....	Asbury B. Patrick.....	Covington.
Western District.....	Victor Loisel.....	New Orleans.
MAINE.....	Ben Ingouf.....	Shreveport.
MARYLAND.....	Henry W. Mayo.....	Portland.
MASSACHUSETTS.....	George W. Padgett.....	Baltimore.
MICHIGAN—Eastern District.....	Guy Murchie.....	Boston.
Western District.....	William P. Campbell.....	Detroit.
MINNESOTA.....	Nicholas J. Whelan.....	Grand Rapids.
MISSISSIPPI—Northern District.....	William H. Grimshaw.....	St. Paul.
Southern District.....	Aaron M. Storer.....	Oxford.
MISSOURI—Eastern District.....	William O. Ligon.....	Jackson.
Western District.....	Edward F. Regenhart.....	St. Louis.
MONTANA.....	Albert J. Martin.....	Kansas City.
NEBRASKA.....	William Lindsay.....	Helena.
NEVADA.....	William P. Warner.....	Omaha.
NEW HAMPSHIRE.....	Harry J. Humphreys.....	Grand City.
NEW JERSEY.....	Eugene P. Nute.....	Concord.
NEW MEXICO.....	Thomas J. Alcott.....	Trenton.
NEW YORK—Northern District.....	Secundino Romero.....	Santa Fe.
Southern District.....	D. F. Breitenstein.....	Utica.
Eastern District.....	William Henkel.....	New York city.
Western District.....	Charles J. Haubert.....	Brooklyn.
NORTH CAROLINA—Eastern District.....	Henry L. Fassett.....	Elmira.
Western District.....	William E. Dockery.....	Greensboro.
NORTH DAKOTA.....	William E. Logan.....	Fargo.
OHIO—Northern District.....	James F. Shea.....	Cleveland.
Southern District.....	Hyman D. Davis.....	Cincinnati.
OKLAHOMA—Western District.....	Eugene L. Lewis.....	Guthrie.
Eastern District.....	William S. Cade.....	Muskogee.
OREGON.....	Samuel G. Victor.....	Portland.
PENNSYLVANIA—Eastern District.....	Leslie M. Scott.....	Philadelphia.
Middle District.....	Chas. B. Robinson.....	Scranton.
Western District.....	James M. Yeager.....	Pittsburgh.
PORTO RICO.....	Enos H. Porter.....	San Juan.
RHODE ISLAND.....	Harry S. Hubbard.....	Providence.
SOUTH CAROLINA.....	Daniel R. Ballou.....	Charleston.
SOUTH DAKOTA.....	J. Duncan Adams.....	Sioux Falls.
TENNESSEE—Eastern District.....	Seth Bullock.....	Nashville.
Middle District.....	James R. Crumhiss.....	Memphis.
Western District.....	John W. Overall.....	Knoxville.
TEXAS—Eastern District.....	J. Sam Johnson.....	Dallas.
Northern District.....	Dupont B. Lyon.....	San Antonio.
Western District.....	George H. Green.....	Galveston.
Southern District.....	Eugene Nolte.....	
	C. G. Brewster.....	

UTAH.....	James H. Anderson.....	Salt Lake City
VERMONT.....	Horace W. Bailey.....	Rutland.
VIRGINIA—Eastern District.....	Clarence G. Smithers.....	Norfolk.
Western District.....	Robert A. Fulwiler.....	Staunton.
WASHINGTON—Eastern District.....	W. A. Haltemann.....	Spokane.
Western District.....	Joseph R. H. Jacoby.....	Tacoma.
WEST VIRGINIA—Northern District.....	James B. Doyle.....	Parkersburg.
Southern District.....	Frank H. Tyree.....	Huntington.
WISCONSIN—Eastern District.....	H. A. Well.....	Milwaukee.
Western District.....	Rockwell J. Flint.....	Madison.
WYOMING.....	Hugh L. Patton.....	Cheyenne.

SPEAKERS OF THE HOUSE.

CON- GRESS.	Years.	Name.	State.	Born	Died	CON- GRESS.	Years.	Name.	State.	Born	Died
1.....	1789-91	F. A. Muhlenberg.....	Pa.	1750	1801	29.....	1845-47	J. W. Davis.....	Ind.	1799	1850
2.....	1791-93	J. Trumbull.....	Conn.	1740	1800	30.....	1847-49	R. C. Winthrop.....	Mass.	1809	1894
3.....	1793-95	F. A. Muhlenberg.....	Pa.	1750	1801	31.....	1849-51	Howell Cobb.....	Ga.	1815	1898
4-5.....	1795-99	Jonathan Dayton.....	N. J.	1760	1824	32-33.....	1851-55	Linn Boyd.....	Ky.	1800	1859
6.....	1799-01	Theodore Sedgwick.....	Mass.	1746	1813	34.....	1856-57	N. P. Banks.....	Mass.	1816	1894
7-9.....	1801-07	Nathaniel Macon.....	N. C.	1757	1837	35.....	1857-59	James L. Orr.....	S. C.	1822	1873
10-11.....	1807-11	J. B. Varnum.....	Mass.	1750	1821	36.....	1860-61	W. Pennington.....	N. J.	1796	1862
12-13.....	1811-14	Henry Clay.....	Ky.	1777	1852	37.....	1861-63	G. A. Grow.....	Pa.	1823	1897
13.....	1814-15	Langdon Cheves.....	S. C.	1776	1857	38.....	1863-69	S. Colfax.....	Ind.	1825	1885
14-16.....	1815-20	Henry Clay.....	Ky.	1777	1852	41-43.....	1869-75	J. G. Blaine.....	Me.	1830	1893
17.....	1820-21	P. W. Taylor.....	N. Y.	1784	1854	44.....	1875-76	M. C. Kerr.....	Ind.	1827	1876
18.....	1821-23	J. P. Barbour.....	Va.	1783	1841	44-46.....	1876-81	S. J. Randall.....	Pa.	1828	1890
19.....	1823-25	Henry Clay.....	Ky.	1777	1852	47.....	1881-83	J. W. Keifer.....	O.	1836	1900
20.....	1825-27	J. W. Taylor.....	N. Y.	1784	1854	48-50.....	1883-89	J. G. Carlisle.....	Ky.	1835	1910
20-23.....	1827-34	A. Stevenson.....	Va.	1784	1857	51.....	1889-91	Thomas B. Reed.....	Me.	1839	1902
23.....	1834-35	John Bell.....	Tenn.	1797	1869	52-53.....	1891-95	C. F. Crisp.....	Ga.	1845	1896
24-25.....	1835-39	J. M. C. Polk.....	Tenn.	1795	1849	54-55.....	1895-99	Thomas B. Reed.....	Me.	1839	1902
26.....	1839-41	R. M. T. Hunter.....	Va.	1809	1867	56-57.....	1899-03	D. B. Henderson.....	Iowa.	1840	1906
27.....	1841-43	John White.....	Ky.	1805	1845	58-61.....	1903-11	J. G. Cannon.....	Ill.	1836	1900
28.....	1843-45	J. W. Jones.....	Va.	1805	1848	62.....	1911-12	Champ Clark.....	Mo.	1850	1900

SALARIES OF THE PRESIDENTS OF THE REPUBLICS OF LATIN AMERICA.

[Table furnished by International Bureau of American Republics, Washington, D. C.]

Republic.	Amount per year.	Approximate national currency.	gold equivalent.	Republic.	Amount per year.	Approximate national currency.	gold equivalent.
Argentina.....	72,000 pesos.	7,200	\$31,500	Dominican Rep.....	\$7,200	24,000	\$7,200
Bolivia.....	18,000 bolivianos.	7,200	24,000	Haiti.....	\$24,000	24,000	24,000
Brazil.....	120,000 milreis (papel).....	40,000	8,350	Costa Rica.....	18,000 colones.	12,000	12,000
Chile.....	18,000 pesos.	6,670	9,600	Guatemala.....	30,000 pesos.	9,600	9,600
Colombia.....	£3,600	18,000	9,600	Honduras.....	24,000 pesos.	9,600	9,600
Ecuador.....	12,000 sucres.	6,000	9,600	Nicaragua.....	24,000 pesos.	9,600	9,600
Paraguay.....	7,000 pesos (oro).....	7,000	9,600	Salvador.....	22,500 pesos.	9,000	9,000
Peru.....	£3,000	15,000	9,600				
Uruguay.....	\$36,000	36,000	9,600				
Venezuela.....	60,000 bolivars.	12,000	9,600				
Panama.....	18,000 Moneda de Curso	18,000	25,000				
Mexico.....	137 pesos a day.....	25,000	15,000				
Cuba.....	25,000 pesos.....	15,000					

NOTE—In addition to the sums given above as personal salaries, each government appropriates an additional sum, varying with the country, for what are termed the expenses of the office of president. This in most cases adds a substantial amount to the regular salary.

ANNUAL PAY OF EUROPEAN SOVEREIGNS AND PRESIDENTS.

Austria-Hungary—\$4,250,000.	Greece—\$260,000.
Belgium—\$710,000; large income from various sources.	Italy—\$3,010,000.
Bulgaria—\$390,000.	Netherlands—\$260,000; large income from royal domains.
Denmark—\$270,000.	Norway—\$189,000.
France—\$120,000; expenses, \$120,000.	Roumania—\$240,000.
Germany: Prussia—\$3,772,631.	Russia—\$8,497,000 (estimated).
Bavaria—\$1,296,604.	Servia—\$240,000.
Saxony—\$852,000.	Spain—\$1,400,000, exclusive of allowances to royal family.
Württemberg—\$485,976.	Turkey—\$4,500,000.
Great Britain—\$2,350,000; annuities to members of royal family, \$530,000.	

TORNADO AT REGINA, SASKATCHEWAN.

Regina, capital of the province of Saskatchewan, Canada, was partly destroyed by a tornado which visited the city at 6 o'clock on the evening of June 30, 1912. The storm came from the south and leveled everything in its path, sweeping away many residences, banks, warehouses, factories, retail stores and other establishments. It was at first

reported that 400 persons were killed, but this proved to be an exaggeration and the number of fatalities was later reduced to about fifty. Many were injured, some fatally. The property loss was estimated at between \$10,000,000 and \$11,000,000. The provincial parliament building was badly damaged. It had just been completed at a cost of \$2,000,000.

SEVEN MODERN WONDERS OF THE WORLD.

The seven wonders of the modern world, according to the vote of some 700 European and American scientists, who were asked by Popular Mechanics to express their opinion, are the following: Wireless, telephone, aeroplane, radium, antiseptics and antitoxins, spectrum analysis and the X-ray. The

seven wonders of the ancient world were the pyramids of Egypt, Pharos (lighthouse) of Alexandria, hanging gardens of Babylon, temple of Diana at Ephesus, statue of Jupiter by Phidias, mausoleum of Artemisia and the Colossus of Rhodes.

Sixty-Second Congress.

From March 4, 1911, to March 3, 1915.

SENATE.

Republicans, 51; democrats, 43; vacancies, 2. Compensation of senators, \$7,500.

ALABAMA.		NEBRASKA.	
Joseph F. Johnston, Dem.....	Birmingham..1915	Norris Brown, Rep.....	Kearney..1913
John H. Bankhead, Dem.....	Fayette..1913	Gilbert M. Hitchcock, Dem.....	Omaha..1917
ARIZONA.		NEVADA.	
Henry F. Ashurst, Dem.....	Prescott..1917	Francis G. Newlands, Dem.....	Reno..1915
Marcus A. Smith, Dem.....	Tucson..1915	W. A. Massey, Rep.....	Reno..1913
ARKANSAS.		NEW HAMPSHIRE.	
Jeff Davis, Dem.....	Little Rock..1913	Henry E. Burnham, Rep.....	Manchester..1913
James P. Clarke, Dem.....	Little Rock..1915	Jacob H. Gallinger, Rep.....	Concord..1915
CALIFORNIA.		NEW JERSEY.	
George C. Perkins, Rep.....	Oakland..1915	Frank O. Briggs, Rep.....	Trenton..1913
John D. Works, Rep.....	Los Angeles..1917	James E. Martine, Dem.....	Plainfield..1917
COLORADO.		NEW MEXICO.	
Simon Guggenheim, Rep.....	Denver..1913	Thomas B. Catron, Rep.....	Santa Fe..1917
Vacancy	1917	Albert B. Fall, Rep.....	Three Rivers..1913
CONNECTICUT.		NEW YORK.	
Frank B. Brandegee, Rep.....	New London..1915	Ellihu Root, Rep.....	New York..1915
George P. McLean, Rep.....	Simsbury..1917	James A. O'Gorman, Dem.....	New York..1917
DELAWARE.		NORTH CAROLINA.	
Harry A. Richardson, Rep.....	Dover..1913	F. M. Simmons, Dem.....	Newbern..1913
Henry A. du Pont, Rep.....	Winterthur..1917	Lee S. Overman, Dem.....	Salisbury..1915
FLORIDA.		NORTH DAKOTA.	
Duncan U. Fletcher, Dem.....	1915	Porter J. McCumber, Rep.....	Wahpeton..1917
Nathan P. Bryan, Dem.....	Jacksonville..1917	Asie J. Gronna, Rep.....	Lakota..1915
GEORGIA.		OHIO.	
Augustus O. Bacon, Dem.....	Macon..1913	Theodore E. Burton, Rep.....	Cleveland..1915
Hoke Smith, Dem.....	Atlanta..1915	Atlee Pomerene, Dem.....	Canton..1917
IDAHO.		OKLAHOMA.	
William E. Borah, Rep.....	Boise..1913	Robert L. Owen, Dem.....	Muskogee..1913
Kirtland I. Perky, Dem.....	Boise..1915	Thomas P. Gore, Dem.....	1915
ILLINOIS.		OREGON.	
Shelby M. Cullom, Rep.....	Springfield..1913	Jonathan Bourne, Rep.....	Portland..1913
Vacancy	1917	George E. Chamberlain, Dem.....	Portland..1915
INDIANA.		PENNSYLVANIA.	
Benjamin F. Shively, Dem.....	South Bend..1915	Boies Penrose, Rep.....	Philadelphia..1915
John W. Kern, Dem.....	Indianapolis..1917	George T. Oliver, Rep.....	Pittsburg..1917
IOWA.		RHODE ISLAND.	
William S. Kenyon, Rep.....	Fort Dodge..1913	George P. Wetmore, Rep.....	Newport..1913
Albert B. Cummins, Rep.....	Des Moines..1915	Henry F. Lippitt, Rep.....	Providence..1917
KANSAS.		SOUTH CAROLINA.	
Charles Curtis, Rep.....	Topeka..1913	Benjamin R. Tillman, Dem.....	Trenton..1913
Joseph L. Bristow, Rep.....	Salina..1915	Ellison D. Smith, Dem.....	Florence..1915
KENTUCKY.		SOUTH DAKOTA.	
Thomas H. Paynter, Dem.....	Greenup..1913	Robert J. Gamble, Rep.....	Yankton..1913
William O. Bradley, Rep.....	Louisville..1915	Coe I. Crawford, Rep.....	Huron..1915
LOUISIANA.		TENNESSEE.	
Murphy J. Foster, Rep.....	Franklin..1913	Newell Sanders, Rep.....	Chattanooga..1913
John R. Thornton, Dem.....	Rapides Parish..1915	Luke Lea, Ind. Dem.....	Nashville..1917
MAINE.		TEXAS.	
Obadiah Gardner, Dem.....	Rockland..1913	Joseph W. Bailey, Dem.....	Gainesville..1913
Charles F. Johnson, Dem.....	Waterville..1917	Charles S. Culberson, Dem.....	Dallas..1917
MARYLAND.		UTAH.	
John Walter Smith, Dem.....	Snow Hill..1915	Reed Smoot, Rep.....	Provo..1915
William P. Jackson, Rep.....	Salisbury..1914	George Sutherland, Rep.....	Salt Lake City..1917
MASSACHUSETTS.		VERMONT.	
Winthrop M. Crane, Rep.....	Dahant..1913	William P. Dillingham, Rep.....	Montpelier..1915
Henry Cabot Lodge, Rep.....	Nelson..1917	Carroll S. Page, Rep.....	Hyde Park..1917
MICHIGAN.		VIRGINIA.	
William A. Smith, Rep.....	Grand Rapids..1913	Thomas S. Martin, Dem.....	Charlottesville..1913
Charles E. Townsend, Rep.....	Jackson..1917	Claude A. Swanson, Dem.....	Chatham..1917
MINNESOTA.		WASHINGTON.	
Knute Nelson, Rep.....	Alexandria..1913	Wesley L. Jones, Rep.....	North Yakima..1915
Moses E. Clapp, Rep.....	St. Paul..1917	Miles Poindexter, Rep.....	Spokane..1917
MISSISSIPPI.		WEST VIRGINIA.	
Leroy Percy, Dem.....	Greenville..1913	Clarence W. Watson, Dem.....	Fairmont..1913
John Sharp Williams, Dem.....	Benton..1917	William E. Chilton, Dem.....	Charleston..1917
MISSOURI.		WISCONSIN.	
William J. Stone, Dem.....	St. Louis..1915	Isaac Stephenson, Rep.....	Marinette..1915
James A. Reed, Dem.....	Kansas City..1917	Robert M. LaFollette, Rep.....	Madison..1917
MONTANA.		WYOMING.	
Joseph M. Dixon, Rep.....	Missoula..1913	Francis E. Warren, Rep.....	Cheyenne..1913
Henry L. Myers, Dem.....	Hamilton..1917	Clarence D. Clark, Rep.....	Evanston..1917

HOUSE OF REPRESENTATIVES.

Democrats, 229; republicans, 161; progressive republican, 1; socialist, 1; vacancies, 2. Those marked with a star (*) served in the 61st congress. †At large. Compensation of representatives, \$7,500; of speaker, \$12,000.

ALABAMA.

- George W. Taylor,* Dem.....Demopolis
- S. H. Dent,* Dem.....Montgomery
- Henry D. Clayton,* Dem.....Eufaula
- Fred L. Blackmon, Dem.....Anniston
- James Thomas Hefflin,* Dem.....Lafayette
- Richmond P. Hobson,* Dem.....Greensboro
- J. L. Burnett,* Dem.....Gadsden
- William Richardson,* Dem.....Huntsville
- O. W. Underwood,* Dem.....Birmingham

ARIZONA.

- Carl Hayden,† Dem.....Phoenix

ARKANSAS.

- Robert B. Bacon,* Dem.....Helena
- William A. Oldfield,* Dem.....Batesfield
- John C. Floyd,* Dem.....Yellville
- Ben Cravens,* Dem.....Fort Smith
- H. M. Jacoway, Dem.....Dardanelle
- Joseph T. Robinson,* Dem.....Lonoke
- W. S. Goodwin, Dem.....Warren

CALIFORNIA.

- John E. Raker, Dem.....Alturas
- William Kent, Rep.....Kentfield
- Joseph R. Knowland,* Rep.....Alameda
- Julius Kahn, Rep.....San Francisco
- Everis A. Hayes,* Rep.....San Jose
- James C. Needham,* Rep.....Modesto
- William D. Stephens, Rep.....Los Angeles
- Sylvester C. Smith,* Rep.....Bakersfield

COLORADO.

- Edward T. Taylor,*† Dem.....Glenwood Springs
 1. A. W. Rucker,* Dem.....Rucker Ridge
 2. John A. Martin,* Dem.....Pueblo

CONNECTICUT.

- John Q. Tilson,*† Rep.....New Haven
 1. E. Stevens Henry, Rep.....Rockville
 2. Thomas L. Reilly, Dem.....Meriden
 3. Edwin W. Higgin,* Rep.....Norwich
 4. Ebenezer J. Hill,* Rep.....Norwalk

DELAWARE.

- William H. Heald,†* Rep.....Wilmington

FLORIDA.

- Stephen M. Sparkman,* Dem.....Tampa
- Frank Clark,* Dem.....Gainesville
- D. H. Mays,* Dem.....Monticello

GEORGIA.

- Charles G. Edwards,* Dem.....Savannah
- S. A. Roddenberry,* Dem.....Thomasville
- Dudley M. Hughes,* Dem.....Danville
- William C. Adamson,* Dem.....Carrollton
- William S. Howard, Dem.....Decatur
- Charles L. Bartlett,* Dem.....Macon
- Gordon Lee,* Dem.....Chickamauga
- Samuel J. Tribble, Dem.....Athens
- Thomas M. Bell, Dem.....Gainesville
- Thomas W. Hardwick,* Dem.....Savannah
- William G. Brantley,* Dem.....Brunswick

IDAHO.

- Burton L. French,† Rep.....Moscow

ILLINOIS.

- Martin B. Madden,* Rep.....Chicago
- James R. Mann,* Rep.....Chicago
- William W. Wilson,* Rep.....Chicago
- James T. McDermott,* Dem.....Chicago
- Adolph J. Sabath,* Dem.....Chicago
- Edmund J. Stack, Dem.....Chicago
- Frank Buchanan, Dem.....Chicago
- Thomas Gallagher, Dem.....Chicago
- Lynden Evans, Dem.....Chicago
- George E. Foss,* Rep.....Chicago
- Ira C. Copley, Rep.....Aurora
- Charles E. Fuller,* Rep.....Belvidere
- John C. McKenzie, Rep.....Elizabeth
- James McKinney,* Rep.....Aledo
- George W. Prince,* Rep.....Galesburg
- Claudius U. Stone, Dem.....Peoria
- John A. Sterling,* Rep.....Bloomington

- Joseph G. Cannon,* Rep.....Danville
- William B. McKinley,* Rep.....Champaign
- Henry T. Rainey,* Dem.....Carrollton
- James M. Graham,* Dem.....Springfield
- William A. Rodenberg,* Rep.....East St. Louis
- Martin D. Foster,* Dem.....O'Heay
- H. Robert Fowler, Dem.....Elizabethtown
- N. B. Thistlewood,* Rep.....Cairo

INDIANA.

- John W. Boehne,* Dem.....Evansville
- William A. Cullop,* Dem.....Vincennes
- William E. Cox,* Dem.....Jasper
- Lincoln Dixon,* Dem.....North Vernon
- Ralph W. Moss,* Dem.....Center Point
- Finley H. Gray, Dem.....Connersville
- Charles A. Korbly,* Dem.....Indianapolis
- John A. M. Adair,* Dem.....Portland
- Martin A. Morrison,* Dem.....Frankfort
- Edgar D. Crumpacker,* Rep.....Valparaiso
- George W. Rauch,* Dem.....Marion
- Cyrus Cline,* Dem.....Angola
- Henry A. Barnhart,* Dem.....Rochester

IOWA.

- Charles A. Kennedy,* Rep.....Montrose
- I. S. Pepper, Dem.....Muscatine
- Charles E. Pickett,* Rep.....Waterloo
- Gilbert N. Haugen,* Rep.....Northwood
- James W. Good,* Rep.....Cedar Rapids
- Nathan E. Kendall,* Rep.....Albia
- Solomon F. Prount, Rep.....Des Moines
- Horace M. Townner, Rep.....Corning
- W. R. Green, Rep.....Audubon
- Frank P. Woods,* Rep.....Estherville
- George C. Scott, Rep.....Sioux City

KANSAS.

- D. R. Anthony, Jr.,* Rep.....Leavenworth
- Joseph Taggart, Dem.....Kansas City
- P. P. Campbell,* Rep.....Pittsburg
- F. S. Jackson, Rep.....Eureka
- R. E. Rees, Rep.....Minneapolis
- D. Young, Rep.....Des Moines
- George A. Neeley, Rep.....Hutchinson
- Victor Murdock,* Rep.....Wichita

KENTUCKY.

- Ollie M. James,* Dem.....Montrose
- Augustus O. Stanley,* Dem.....Henderson
- E. V. Thomas,* Dem.....Central City
- Ben Johnson,* Dem.....Bardston
- Swagar Sherley,* Dem.....Louisville
- Arthur B. Rouse, Dem.....Burlington
- J. Campbell Cantrill,* Dem.....Georgetown
- Harvey Helm,* Dem.....Stanford
- W. J. Fields, Dem.....Olive Hills
- John W. Langley,* Rep.....Spurlock
- Caleb Powers, Rep.....Barbourville

LOUISIANA.

- Albert Estopinal, Dem.....St. Bernard
- H. Garland Dupre, Dem.....New Orleans
- Robert F. Broussard, Dem.....New Iberia
- J. T. Watkins, Dem.....Minden
- J. E. Ransdell, Dem.....Lake Providence
- Louis L. Morgan, Dem.....Covington
- Arsene P. Pujot, Dem.....Lake Charles

MAINE.

- Asher C. Hinds, Rep.....Portland
- Daniel J. McGillicuddy, Dem.....Lewiston
- Samuel W. Gould, Dem.....Skowhegan
- Frank E. Guernsey,* Rep.....Dover

MARYLAND.

- J. Harry Covington,* Dem.....Easton
- J. F. C. Talbott,* Dem.....Towson
- George Konig, Dem.....Baltimore
- J. Charles Linthicum, Dem.....Baltimore
- Thomas Parrran, Rep.....St. Leonard
- David J. Lewis, Dem.....Cumberland

MASSACHUSETTS.

- George P. Lawrence,* Rep.....North Adams
- Frederick H. Gillett,* Rep.....Springfield
- John A. Thayer, Dem.....Worcester
- William H. Wilder, Rep.....Gardner
- Butler Ames,* Rep.....Lowell
- Augustus P. Gardner,* Rep.....Hamilton
- Ernest W. Roberts,* Rep.....Chelsea

8. Samuel W. McCall,* Rep.....Winchester
9. William F. Murray, Dem.....Boston
10. James M. Curley, Dem.....Boston
11. Andrew J. Peters, Dem.....Boston
12. John W. Weeks, Rep.....Newton
13. William S. Greene,* Rep.....Fall River
14. Robert O. Harris, Rep.....East Bridgewater

MICHIGAN.

1. Frank E. Doremus, Dem.....Detroit
2. William W. Wedemeyer, Rep.....Ann Arbor
3. John M. C. Smith, Rep.....Charlotte
4. Edward L. Hamilton,* Rep.....Niles
5. Edwin F. Sweet, Dem.....Grand Rapids
6. Samuel W. Smith,* Rep.....Pontiac
7. Henry McMorran,* Rep.....Port Huron
8. Joseph W. Fordney,* Rep.....Saginaw
9. James C. McLaughlin,* Rep.....Muskegon
10. George A. Loud,* Rep.....Au Sable
11. Francis H. Dadds,* Rep.....Mount Pleasant
12. H. Olin Young,* Rep.....Ishpeming

MINNESOTA.

1. Sydney Anderson, Rep.....Lanesboro
2. Winfield S. Hammond,* Dem.....St. James
3. Charles R. Davis,* Rep.....St. Peter
4. Fred C. Stevens,* Rep.....St. Paul
5. Frank M. Nye,* Rep.....Minneapolis
6. Charles A. Lindbergh,* Rep.....Little Falls
7. Andrew J. Volstead,* Rep.....Granite Falls
8. Clarence B. Miller,* Rep.....Duluth
9. Halvor Steensoren,* Rep.....Crookston

MISSISSIPPI.

1. Ezekiel S. Candler, Jr.,* Dem.....Corinth
2. H. D. Stephens, Dem.....New Albany
3. Benjamin G. Humphreys,* Dem.....Greenville
4. Thomas U. Sisson,* Dem.....Winona
5. S. A. Witherspoon, Dem.....Meridian
6. B. P. Harrison, Dem.....Gulfport
7. William A. Dickson,* Dem.....Centerville
8. James W. Collier,* Dem.....Vicksburg

MISSOURI.

1. James T. Lloyd,* Dem.....Shelbyville
2. William W. Rucker,* Dem.....Keytesville
3. Joshua W. Alexander,* Dem.....Gallatin
4. Charles F. Booher,* Dem.....Savannah
5. William P. Borland,* Dem.....Kansas City
6. C. C. Dickinson, Dem.....Olinton
7. Courtney W. Hamlin,* Dem.....Springfield
8. D. W. Shackelford,* Dem.....Jefferson City
9. Champ Clark,* Dem.....Bowling Green
10. Richard Bartholdi, Rep.....St. Louis
11. Patrick F. Gill, Dem.....St. Louis
12. L. C. Dyer, Rep.....St. Louis
13. Walter L. Hensley, Dem.....Farmington
14. Joseph J. Russell, Dem.....Charleston
15. J. A. Daugherty, Dem.....Webb City
16. Thomas L. Rubey, Dem.....Lebanon

MONTANA.

Charles N. Pray,* Rep.....Fort Benton

NEBRASKA.

1. John A. Maguire,* Dem.....Lincoln
2. C. O. Lobeck, Dem.....Omaha
3. Daniel V. Stephens, Dem.....Fremont
4. Charles H. Sloan, Rep.....Geneva
5. George W. Norris,* Rep.....McCook
6. Moses P. Kinkaid,* Rep.....O'Neill

NEVADA.

E. E. Roberts,* Rep.....Carson City

NEW HAMPSHIRE.

1. Cyrus A. Sulloway,* Rep.....Manchester
2. Frank D. Currier,* Rep.....Canaan

NEW JERSEY.

1. William J. Browning, Rep.....Camden
2. John J. Gardner,* Rep.....Atlantic City
3. Thomas J. Scully, Dem.....Perth Amboy
4. Ira W. Wood,* Rep.....Trenton
5. William E. Tuttle, Jr.,* Dem.....Westfield
6. Archibald C. Hart, Dem.....Hackensack
7. Edward W. Townsend, Dem.....Montclair
8. Walter J. McCoy, Dem.....South Orange
9. Eugene F. Kinkead,* Dem.....Jersey City
10. James A. Hamill,* Dem.....Jersey City

NEW MEXICO.

George Curry,* Rep.....Tularosa
Harvey B. Ferguson,* Rep.....Albuquerque

NEW YORK.

1. Martin V. Littleton, Dem.....Port Washington
2. George H. Lindsay,* Dem.....Brooklyn
3. James P. Maher, Dem.....Brooklyn
4. Frank E. Wilson,* Dem.....Brooklyn
5. William C. Rodfield, Dem.....Brooklyn
6. William M. Calder,* Rep.....Brooklyn
7. John J. Fitzgerald,* Rep.....Brooklyn
8. Daniel J. Riordan,* Dem.....New York
9. Henry M. Goldfogle,* Dem.....New York
10. William Sulzer,* Dem.....New York
11. Charles V. Fornes,* Dem.....New York
12. Michael F. Conroy,* Dem.....New York
13. Jefferson M. Levy, Dem.....New York
14. John J. Kinnead, Dem.....New York
15. Thomas G. Patten, Dem.....New York
16. Francis B. Harrison,* Dem.....New York
17. Henry George, Jr., Dem.....New York
18. Stephen B. Ayres, Dem.....New York
19. John E. Andrus,* Rep.....Yonkers
20. Thomas W. Bradley,* Rep.....Walden
21. Edwin A. Merritt, Rep.....Poughkeepsie
22. William H. Draper,* Rep.....Troy
23. Henry S. De Forest, Rep.....Schenectady
24. George W. Fairchild,* Rep.....Oneonta
25. Theron Akin,* Rep.....Akin
26. George M. Wall,* Rep.....Ogdensburg
27. Charles A. Talcott,* Dem.....Utica
28. Luther W. Mott, Rep.....Oswego
29. Michael E. Driscoll,* Rep.....Syracuse
30. John W. Dwight,* Rep.....Dryden
31. Sereno E. Payne,* Rep.....Auburn
32. Henry G. Danforth, Rep.....Rochester
33. Edwin S. Underhill, Dem.....Bath
34. James S. Simmons,* Rep.....Niagara Falls
35. Samuel A. Driscoll,* Dem.....Buffalo
36. Charles B. Smith, Dem.....Buffalo
37. Edward B. Vreeland,* Rep.....Buffalo

NORTH CAROLINA.

1. John H. Small,* Dem.....Washington
2. Claude Kitchin,* Dem.....Scotland Neck
3. John M. Faison, Dem.....Faison
4. Edward W. Pou,* Dem.....Smithfield
5. Charles M. Stedman, Dem.....Greensboro
6. H. L. Godwin,* Dem.....Dunn
7. Robert N. Page,* Dem.....Bisco
8. L. L. Doughton, Dem.....Laurel Springs
9. Edw. Y. Webb,* Dem.....Shelby
10. James M. Gudger, Jr., Dem.....Asheville

NORTH DAKOTA.

- L. B. Hanna,* Rep.....Fargo
- H. T. Helgesen,* Rep.....Milton

OHIO.

1. Nicholas Longworth,* Rep.....Cincinnati
2. Alfred G. Allen, Jr., Dem.....Cincinnati
3. James Cox,* Dem.....Dayton
4. J. Henry Goeke, Dem.....Wapakoneta
5. T. T. Ansberry,* Dem.....Defiance
6. Matthew R. Denver,* Dem.....Wilmington
7. J. D. Post, Dem.....Washington C. H.
8. Frank B. Willis, Rep.....Ada
9. Isaac R. Sherwood,* Dem.....Toledo
10. Robert M. Switzer, Rep.....Gallipolis
11. Horatio C. Claypool, Dem.....Chillicothe
12. Edward L. Taylor, Jr.,* Rep.....Columbus
13. (Vacancy)
14. William G. Sharp,* Dem.....Elyria
15. George White, Dem.....Marietta
16. W. B. Francis, Dem.....Martins Ferry
17. W. A. Ashbrook,* Dem.....Johnstown
18. John J. Whitacre, Dem.....Canton
19. Elsworth R. Bathrick, Dem.....Akron
20. Paul Howland,* Rep.....Cleveland
21. Robert J. Bulkley, Dem.....Cleveland

OKLAHOMA.

1. Bird McGuire,* Rep.....Pawnee
2. Dick T. Morgan, Rep.....Woodward
3. James S. Denverport, Dem.....Vinita
4. Charles D. Carter, Dem.....Ardmore
5. Scott Ferris,* Dem.....Lawton

OREGON.

1. Willis C. Hawley,* Rep.....Salem
2. A. W. Lafferty, Rep.....Portland

PENNSYLVANIA.

1. William S. Ware, Rep.....Philadelphia
2. William S. Reyburn, Rep.....Philadelphia

3. J. Hampton Moore,* Rep.....	Philadelphia
4. Reuben O. Moon,* Rep.....	Philadelphia
5. Michael Donohoe, Dem.....	Philadelphia
6. George D. McCreary,* Rep.....	Philadelphia
7. Thomas S. Butler,* Rep.....	West Chester
8. R. E. Diefenderfer, Dem.....	Ashebourne
9. William W. Griest,* Rep.....	Laurens
10. John R. Farr, Rep.....	Scranton
11. Charles C. Bowman, Rep.....	Pittston
12. Robert E. Lee, Dem.....	Pottsville
13. John H. Rothermel,* Dem.....	Reading
14. William D. B. Ainey, Rep.....	Montrose
15. William R. Wilson,* Dem.....	Blossburg
16. John G. McHenry,* Dem.....	Benton
17. Benjamin K. Focht,* Rep.....	Lewisburg
18. Marlin E. Olmsted,* Rep.....	Harrisburg
19. Jesse L. Hartman,* Rep.....	Hollidaysburg
20. Daniel F. Lafean,* Rep.....	York
21. Charles E. Patton, Rep.....	Curwensville
22. Curtis H. Gregg, Dem.....	Greensburg
23. Thomas S. Crago, Rep.....	Waynesburg
24. Charles Matthews, Rep.....	New Castle
25. Arthur L. Bates,* Rep.....	Meadville
26. A. Mitchell Palmer,* Dem.....	Stroudsburg
27. J. N. Langham,* Rep.....	Indiana
28. Peter M. Speer, Rep.....	Oil City
29. Stephen G. Porter, Rep.....	Pittsburgh
30. John Dalzell,* Rep.....	Pittsburgh
31. James F. Burke,* Rep.....	Pittsburgh
32. A. J. Barchfield,* Rep.....	Pittsburgh

RHODE ISLAND.

1. George F. O'Shaughnessy, Dem.....	Newport
2. (Vacancy)	

SOUTH CAROLINA.

1. George S. Legare,* Dem.....	Charleston
2. James F. Byrnes, Dem.....	Aiken
3. Wyatt Aiken,* Dem.....	Abbeville
4. Joseph T. Johnson,* Dem.....	Spartanburg
5. D. E. Finley,* Dem.....	Yorkville
6. J. E. Ellerbee,* Dem.....	Marion
7. A. F. Lever,* Dem.....	Lexington

SOUTH DAKOTA.

Charles H. Burke,* Rep.....	Pierre
Eben W. Martin,* Rep.....	Deadwood

TENNESSEE.

1. Sam R. Sells, Rep.....	Johnson City
2. Richard W. Austin,* Rep.....	Knoxville
3. John A. Moon,* Dem.....	Chattanooga
4. Cordell Hull,* Dem.....	Carthage
5. William C. Houston,* Dem.....	Woodbury
6. Joseph W. Byrns,* Dem.....	Nashville
7. Lemuel P. Padgett,* Dem.....	Columbia
8. Thetus W. Sims,* Dem.....	Linden
9. Finis J. Garrett, Dem.....	Dresden
10. Kenneth D. McKellar, Dem.....	Memphis

TEXAS.

1. Morris Shepard,* Dem.....	Texarkana
2. Martin Dies,* Dem.....	Beaumont
3. James Young, Dem.....	Kaufman
4. Choice B. Randall,* Dem.....	Sherman
5. Jack Beall,* Dem.....	Waxahachie

July 5, 1909, congress passed the following joint resolution:

Resolved, by the senate and house of representatives of the United States in congress assembled (two-thirds of each house concurring therein), That the following article is proposed as an amendment to the constitution of the United States, which, when ratified by the legislatures of three-fourths of the several states, shall be valid to all intents and purposes as a part of the constitution:

"Article XVI. The congress shall have power to lay and collect taxes on incomes, from whatever sources derived, without apportionment among the several states and without regard to any census or enumeration."

UNITED STATES COINAGE MINTS AND ASSAY OFFICES.

Coinage mints of the United States are located in Philadelphia, Pa.; San Francisco, Cal.; and Denver, Col. The government assay offices are in New York, N. Y.; Carson, Nev.; Denver, Col.; Boise, Idaho; Helena, Mont.; Charlotte, N. C.; St. Louis,

6. Rufus Hardy,* Dem.....	Corsicana
7. Alexander W. Gregg,* Dem.....	Palestine
8. John M. Moore,* Dem.....	Richmond
9. George F. Burgess,* Dem.....	Gonzales
10. Albert S. Burleson,* Dem.....	Austin
11. Robert L. Henry,* Dem.....	Waco
12. Oscar Callaway, Dem.....	Comanche
13. John H. Stephens,* Dem.....	Vernon
14. James L. Slayden,* Dem.....	San Antonio
15. John N. Garner,* Dem.....	Uvalde
16. William R. Smith,* Dem.....	Colorado

UTAH.

1. Joseph Howell,*† Rep.....	Logan
------------------------------	-------

VERMONT.

1. Frank I. Greene, Rep.....	St. Albans
2. Frank Plumley,* Rep.....	Northfield

VIRGINIA.

1. William A. Jones,* Dem.....	Warsaw
2. E. E. Holland, Dem.....	Suffolk
3. John Lamb,* Dem.....	Richmond
4. Robert Turnbull,* Dem.....	Lawrenceville
5. E. W. Saunders,* Dem.....	Rocky Mount
6. Carter Glass,* Dem.....	Lynchburg
7. James Hay,* Dem.....	Madison
8. C. C. Carlin,* Dem.....	Alexandria
9. C. Bascomb Slem,* Rep.....	Big Stone Gap
10. Henry D. Flood,* Dem.....	Appomattox

WASHINGTON.

1. W. E. Humphrey,* Rep.....	Seattle
2. Stanton Warburton, Rep.....	Tacoma
3. W. L. LaFollette, Rep.....	Pullman

WEST VIRGINIA.

1. John W. Davis, Dem.....	Clarksburg
2. William G. Brown, Jr., Dem.....	Kingwood
3. Adam B. Littlepage, Dem.....	Charleston
4. John M. Hamilton, Dem.....	Grantsville
5. James A. Hughes,* Rep.....	Huntington

WISCONSIN.

1. Henry A. Cooper,* Rep.....	Racine
2. John M. Nelson,* Rep.....	Madison
3. A. W. Kopp,* Rep.....	Platteville
4. William J. Cary,* Rep.....	Milwaukee
5. Victor L. Berger, Soc. Dem.....	Milwaukee
6. Michael E. Burke, Dem.....	Beaver Dam
7. John J. Esch,* Rep.....	LaCrosse
8. James H. Davidson,* Rep.....	Oshkosh
9. Thomas F. Knop, Dem.....	Kewaunee
10. Elmer A. Morse,* Rep.....	Antigo
11. Irvine L. Leuroot,* Rep.....	Superior

WYOMING.

Frank W. Mondell,*† Rep.....	Newcastle
------------------------------	-----------

TERRITORIAL DELEGATES.

Alaska—James Wickersham, Rep.....	Fairbanks
Hawaii—J. K. Kalaniana'ola, Rep.....	Waikiki

RESIDENT COMMISSIONERS.

Philippines—Benito Legarda.....	Manila
Manuel L. Ozoneon.....	Tobayas
Porto Rico—Luis M. Rivera.....	San Juan

INCOME-TAX AMENDMENT TO THE CONSTITUTION.

Up to the close of 1912 the amendment had been ratified by the following states:

Alabama.	Kansas.	Nebraska.
Arizona.	Maine.	North Dakota.
Arkansas.	Maryland.	Oklahoma.
California.	Michigan.	Oregon.
Colorado.	Minnesota.	South Carolina.
Georgia.	Mississippi.	South Dakota.
Idaho.	Montana.	Tennessee.
Illinois.	Nevada.	Texas.
Iowa.	New York.	Washington.
Indiana.	North Carolina.	Wisconsin.
Kentucky.	Missouri.	Total, 32.

Necessary to ratification, 36.

Coinage mints of the United States are located in Philadelphia, Pa.; San Francisco, Cal.; and Denver, Col. The government assay offices are in New York, N. Y.; Carson, Nev.; Denver, Col.; Boise, Idaho; Helena, Mont.; Charlotte, N. C.; St. Louis,

Mo.; Deadwood, S. D.; Seattle, Wash.; New Orleans, La., and Salt Lake City, Utah. The mint in Philadelphia was established in 1792 and the others as follows: San Francisco, 1852, and Denver, 1904.

Sixty-Third Congress.

From March 4, 1913, to March 3, 1915.

SENATE.

President, Thomas R. Marshall, vice-president of the United States; compensation, \$12,000 a year. Democrats, 51; republicans, 43; in doubt, 2. Compensation of senators, \$7,500 a year.

ALABAMA.

Joseph H. Johnston, Dem.....Birmingham..1915
John H. Bankhead, Dem.....Fayette..1919

ARIZONA.

Henry F. Ashurst, Dem.....Prescott..1917
Marcus A. Smith, Dem.....Tucson..1915

ARKANSAS.

James P. Clarke, Dem.....Little Rock..1915
Jeff Davis,* Dem.....Little Rock..1919

CALIFORNIA.

George C. Perkins, Rep.....Oakland..1915
John D. Works, Rep.....Los Angeles..1917

COLORADO.

John F. Shafroth,* Dem.....Denver..1919
Charles S. Thomas,* Dem.....Denver..1915

CONNECTICUT.

Frank B. Brandegee, Rep.....New London..1915
George P. McLean, Rep.....Simsbury..1917

DELAWARE.

Henry A. du Pont, Rep.....Winterthur..1917
A democrat.....1919

FLORIDA.

Duncan U. Fletcher, Dem.....Jacksonville..1915
Nathan P. Bryan, Dem.....Jacksonville..1917

GEORGIA.

Hoke Smith, Dem.....Atlanta..1915
Augustus O. Bacon, Dem.....Macon..1919

IDAHO.

Kirtland I. Perky, Dem.....Boise..1915
A democrat.....1919

ILLINOIS.

In doubt.....1919
In doubt.....1915

INDIANA.

Benjamin F. Shively, Dem.....South Bend..1915
John W. Kern, Dem.....Indianapolis..1917

IOWA.

Albert B. Cummins, Rep.....Des Moines..1915
William S. Kenyon,* Rep.....Fort Dodge..1919

KANSAS.

Joseph L. Bristow, Rep.....Salina..1915
William H. Thompson,* Dem.....Garden City..1919

KENTUCKY.

William O. Bradley, Rep.....Louisville..1915
Ollie M. James, Dem.....Marion..1919

LOUISIANA.

John R. Thornton, Dem.....Rapides Parish..1915
Joseph E. Ransdell, Dem.....Lake Providence..1919

MAINE.

Charles F. Johnson, Dem.....Waterville..1917
A republican.....1919

MARYLAND.

John Walter Smith, Rep.....Snow Hill..1915
William P. Jackson, Rep.....Salisbury..1914

MASSACHUSETTS.

Henry Cabot Lodge, Rep.....Nahant..1917
A democrat.....1919

MICHIGAN.

Charles E. Townsend, Rep.....Jackson..1917
William A. Smith,* Rep.....Grand Rapids..1919

MINNESOTA.

Moses E. Clapp, Rep.....St. Paul..1917
Knut Nelson,* Rep.....Alexandria..1919

MISSISSIPPI.

John Sharp Williams, Dem.....Benton..1917
James K. Vardaman, Dem.....Jackson..1919

MISSOURI.

William J. Stone, Dem.....St. Louis..1915
James A. Reed, Dem.....Kansas City..1917

MONTANA.

Henry L. Myers, Dem.....Hamilton..1917
Thomas J. Walsh,* Dem.....1915

NEBRASKA.

Gilbert M. Hitchcock, Dem.....Omaha..1917
Norris Brown,* Rep.....Kearney..1919

NEVADA.

Francis G. Newlands, Dem.....Reno..1915
Key Pittman, Dem.....1919

NEW HAMPSHIRE.

Jacob H. Gallinger, Rep.....Concord..1915
A republican.....1919

NEW JERSEY.

James E. Martine, Dem.....Plainfield..1917
William Hughes,* Dem.....Paterson..1919

NEW MEXICO.

Thomas B. Catron, Rep.....Santa Fe..1917
Albert B. Fall, Rep.....Three Rivers..1919

NEW YORK.

Elhu Root, Rep.....New York..1915
James A. O'Gorman, Dem.....New York..1917

NORTH CAROLINA.

Lee S. Overman, Dem.....Salisbury..1915
F. M. Simmons,* Dem.....Newbern..1919

NORTH DAKOTA.

Peter J. McCumber, Rep.....Wahpeton..1917
Asle J. Gronna, Rep.....Lakota..1915

OHIO.

Theodore E. Burton, Rep.....Cleveland..1915
Atlee Pomerene, Dem.....Canton..1917

OKLAHOMA.

Thomas P. Gore, Dem.....Lawton..1915
Robert L. Owen, Dem.....Muskogee..1919

OREGON.

George E. Chamberlain, Dem.....Portland..1915
Henry Lane,* Dem.....Portland..1919

PENNSYLVANIA.

Boies Penrose, Rep.....Philadelphia..1915
George T. Oliver, Rep.....Pittsburgh..1917

RHODE ISLAND.

Henry F. Lippitt, Rep.....Providence..1917
A republican.....1919

SOUTH CAROLINA.

Ellison D. Smith, Dem.....Florence..1915
Benjamin R. Tillman, Dem.....Trenton..1919

SOUTH DAKOTA.

Coe I. Crawford, Rep.....Huron..1915
Thomas Sterling,* Rep.....Vermillion..1919

TENNESSEE.

Luke Lea, Dem.....Nashville..1917
A democrat.....1919

TEXAS.

Charles S. Culberson, Dem.....Dallas..1917
Morris Sheppard, Dem.....Texarkana..1919

UTAH.

Reed Smoot, Rep.....Provo..1915
George Sutherland, Rep.....Salt Lake City..1917

VERMONT.

William P. Dillingham, Rep.....Montpelier..1915
Carroll S. Page, Rep.....Hyde Park..1917

VIRGINIA.

Claude A. Swanson, Dem.....Chatham..1917
Thomas S. Martin, Dem.....Charlottesville..1919

WASHINGTON.

Wesley L. Jones, Rep.....North Yakima..1915
Miles Polindexter, Rep.....Spokane..1917

WEST VIRGINIA.

William E. Chilton, Dem.....Charleston..1917
A republican.....1919

WISCONSIN.

Isaac Stephenson, Rep.....Marquette..1915
Robert M. LaFollette, Rep.....Madison..1917

WYOMING.

Clarence D. Clark, Rep.....Evanston..1917
Francis E. Warren,* Rep.....Cheyenne..1919
*Indorsed for election by popular vote or otherwise.

HOUSE OF REPRESENTATIVES.

Democrats, 290; republicans (including progressives, etc.), 143. Those marked with an asterisk (*) served in the 62d congress. †at large. Compensation of representatives, \$7,500 a year; of speaker, \$12,000.

ALABAMA.

John W. Abercrombie,† Dem.	Tuscaloosa
1. George W. Taylor,* Dem.	Demopolis
2. S. H. Dent,* Dem.	Montgomery
3. Henry D. Clayton,* Dem.	Eufaula
4. Fred L. Blackmon,* Dem.	Anniston
5. James Thomas Hefflin,* Dem.	Lafayette
6. Richmond F. Hobson,* Dem.	Greensboro
7. John L. Burnett,* Dem.	Gadsden
8. William Richardson,* Dem.	Huntsville
9. Oscar W. Underwood,* Dem.	Birmingham

ARIZONA.

Carl Hayden,† Dem.	Phoenix
--------------------	---------

ARKANSAS.

1. T. H. Carraway, Dem.	Jonesboro
2. W. A. Oldfield,* Dem.	Batesville
3. J. C. Floyd,* Dem.	Harrison
4. Otis T. Wingo, Dem.	DeQueen
5. H. M. Jacaway,* Dem.	Dardanelle
6. Samuel M. Taylor, Dem.	Pine Bluff
7. W. S. Goodwin,* Dem.	Warren

CALIFORNIA.

1. John E. Raker,* Dem.	Alturas
2. William Kent,* Ind. Rep.	Kentland
3. Charles F. Curry, Rep.	Sacramento
4. Julius Kahn,* Rep.	San Francisco
5. John I. Nolan, Prog.	San Francisco
6. Joseph R. Knowland,* Rep.	Alameda
7. D. S. Church, Dem.	Fresno
8. Eweris A. Hayes,* Rep.	San Jose
9. Charles W. Bell, Prog.	Pasadena
10. William D. Stephens,* Prog.	Los Angeles
11. William Kettner, Dem.	Santiago

COLORADO.

Edward E. Taylor,† Dem.	Glenwood Springs
Edward Keating,† Dem.	Pueblo
1. George J. Kindel, Dem.	Denver
2. H. H. Seldomridge, Dem.	Colorado Springs

CONNECTICUT.

1. Augustine Lonergan, Dem.	Hartford
2. Bryan F. Mahau, Dem.	New London
3. Thomas L. Reilly,* Dem.	Meriden
4. Jeremiah Donovan, Dem.	South Norwalk
5. William Kennedy, Dem.	Litchfield

DELAWARE.

Franklin Brockson,† Dem.	Clayton
--------------------------	---------

FLORIDA.

Claude L'Engle,† Dem.	Jacksonville
1. Stephen M. Sparkman,* Dem.	Tampa
2. Frank Clark,* Dem.	Gainesville
3. Emmett Wilson, Dem.	Pensacola

GEORGIA.

1. Charles C. Edwards,* Dem.	Savannah
2. S. A. Roddenberry, Dem.	Thomasville
3. Charles R. Crisp, Dem.	Americus
4. W. C. Adamson,* Dem.	Carrollton
5. William Schley Howard,* Dem.	Decatur
6. Charles L. Bartlett,* Dem.	Macon
7. Gordon Lee,* Dem.	Chickamauga
8. S. J. Tribble,* Dem.	Athens
9. Thomas M. Bell,* Dem.	Gainesville
10. Thomas W. Hardwick,* Dem.	Sandersville
11. J. R. Wilker, Dem.	Valdosta
12. Dudley M. Hughes,* Dem.	Danville

IDAHO.

Addison T. Smith,† Rep.	Twin Falls
Burton L. French,† Rep.	Moscow

ILLINOIS.

Lawrence B. Stringer,† Dem.	Lincoln
William Elza Williams,† Dem.	Pittsfield
1. Martin B. Madden,* Rep.	Chicago
2. James R. Mann,* Rep.	Chicago
3. George E. Gorman, Dem.	Chicago
4. James T. McDermott,* Dem.	Chicago
5. Adolph J. Sabath,* Dem.	Chicago
6. James McAndrews, Dem.	Chicago
7. Frank Buchanan,* Dem.	Chicago
8. Thomas Gallagher,* Dem.	Chicago
9. Fred A. Britten, Rep.	Chicago

10. Charles M. Thomson, Prog.	Chicago
11. Ira C. Copley,* Rep.	Aurora
12. William H. Hinebaugh, Prog.	Ottawa
13. John C. McKenzie,* Rep.	Elizabeth
14. Clyde H. Tavener, Dem.	Cordova
15. Stephen A. Hoxworth, Dem.	Rapatee
16. Claude U. Stone,* Dem.	Peoria
17. Louis FitzHenry, Dem.	Bloomington
18. Frank T. O'Hair, Dem.	Paris
19. Charles M. Borchers, Dem.	Decatur
20. Henry T. Baize,* Dem.	Carrollton
21. James M. Graham,* Dem.	Springfield
22. William N. Baltz, Dem.	Millstadt
23. Martin D. Foster,* Dem.	Olney
24. H. Robert Fowler,* Dem.	Elizabethtown
25. Robert P. Hill, Dem.	Marion

INDIANA.

1. Charles F. Lieb, Dem.	Rockport
2. William A. Cullop,* Dem.	Vincennes
3. William E. Cox,* Dem.	Jasper
4. Lincoln Dixon,* Dem.	North Vernon
5. Ralph W. Moss,* Dem.	Brazil
6. Finley H. Gray,* Dem.	Copersville
7. Charles A. Korbly,* Dem.	Indianapolis
8. John A. M. Adair,* Dem.	Portland
9. Martin A. Morrison,* Dem.	Frankfort
10. John B. Peterson, Dem.	Crown Point
11. George W. Rauch,* Dem.	Marion
12. Cyrus Cline,* Dem.	Angola
13. Henry A. Barnhart,* Dem.	Rochester

IOWA.

1. Charles A. Kennedy,* Rep.	Montrose
2. Irvin S. Pepper,* Dem.	Muscatine
3. Maurice Connolly, Dem.	Dubuque
4. Gilbert N. Haugen,* Rep.	Northwood
5. James W. Good,* Rep.	Cedar Rapids
6. S. Kirkpatrick, Dem.	Ottumwa
7. Solomon F. Prouty,* Rep.	Des Moines
8. Horace M. Towner,* Rep.	Corning
9. William R. Green,* Rep.	Audubon
10. Frank P. Woods,* Rep.	Estherville
11. George C. Scott, Rep.	Sioux City

KANSAS.

1. D. R. Anthony, Jr.,* Rep.	Leavenworth
2. Joseph A. Taggart,* Dem.	Kansas City
3. P. P. Campbell,* Rep.	Pittsburg
4. Dudley Doolittle, Dem.	Strong City
5. Guy T. Helverling, Dem.	Marysville
6. John R. Connelly, Dem.	Colby
7. George A. Nealey, Dem.	Hutchinson
8. Victor Murdock,* Rep.	Wichita

KENTUCKY.

1. Alben W. Barkley, Dem.	Paducah
2. Augustus O. Stanley,* Dem.	Henderson
3. R. Y. Thomas,* Dem.	Central City
4. Ben Johnson,* Dem.	Bardstown
5. Swager Sherley,* Dem.	Louisville
6. Arthur B. Rouse,* Dem.	Burlington
7. J. Canby Cantrill,* Dem.	Georgetown
8. Harvey Helm,* Dem.	Stanford
9. W. J. Fields,* Dem.	Olive Hill
10. John W. Langley,* Rep.	Pikeville
11. Caleb Powers,* Rep.	Barbourville

LOUISIANA.

1. Albert Estopinal,* Dem.	Estopinal
2. H. Garland Dupre,* Dem.	New Orleans
3. Robert F. Broussard,* Dem.	New Iberia
4. John T. Watkins,* Dem.	Minden
5. Walter Elder, Dem.	Monroe
6. Louis L. Morgan, Dem.	Covington
7. Louis Lazaro, Dem.	Opelousas
8. James B. Aswell, Dem.	Natchitoches

MAINE.

1. Asher C. Hinds,* Rep.	Portland
2. D. J. McGillicuddy,* Dem.	Leviston
3. Forrest Goodwin, Rep.	Skowhegan
4. Frank E. Guernsey,* Rep.	Dover

MARYLAND.

1. J. Harry Covington,* Dem.	Easton
2. Joshua F. C. Talbot,* Dem.	Gardenville

3. George Konig,* Dem.....Baltimore
4. J. Charles Lithicum,* Dem.....Baltimore
5. Frank O. Smith, Dem.....Dunkirk
6. David J. Lewis,* Dem.....Cumberland

MASSACHUSETTS.

1. Allen T. Treadway, Rep.....Stockbridge
2. Frederick H. Gillett,* Rep.....Springfield
3. William H. Wilder,* Rep.....Gardner
4. Samuel E. Winslow, Rep.....Worcester
5. John J. Rogers, Rep.....Lowell
6. Augustus P. Gardner,* Rep.....Hamilton
7. Michael F. Phelan, Dem.....Lynde
8. Frederick S. Deitrick, Dem.....Cambridge
9. Ernest W. Roberts,* Rep.....Chelsea
10. William E. Murray,* Dem.....Boston
11. Andrew J. Peters,* Dem.....Boston
12. James M. Carley, Dem.....Boston
13. John W. Weeks,* Rep.....Newton
14. Edward Gilmore, Dem.....Brookton
15. William S. Greene,* Rep.....Fall River
16. Thomas C. Thacher, Dem.....Yarmouth

MICHIGAN.

- Patrick H. Kelley,† Rep.....Lansing
1. Frank E. Doremus,* Dem.....Detroit
2. Samuel W. Beakes, Dem.....Ann Arbor
3. J. M. C. Smith,* Rep.....Kalamazoo
4. Edward L. Hamilton,* Rep.....Niles
5. Carl E. Mapes, Rep.....Grand Rapids
6. Samuel W. Smith,* Rep.....Pontiac
7. Louis C. Crampton, Rep.....Lapeer
8. Joseph W. Fordney,* Rep.....Saginaw
9. James C. McLaughlin,* Rep.....Muskegon
10. Roy O. Woodruff, Prog.....Bay City
11. Francis O. Lindquist, Rep.....Mount Pleasant
12. H. Olin Young,* Rep.....Ishpeming

MINNESOTA.

- James Manahan,† Rep.....St. Paul
1. Sydney Anderson,* Rep.....Lanesboro
2. W. S. Hammond,* Dem.....St. James
3. Charles R. Davis,* Rep.....St. Peter
4. Frederick C. Stevens,* Rep.....St. Paul
5. George R. Smith, Rep.....Minneapolis
6. Charles A. Lindbergh,* Rep.....Little Falls
7. Andrew J. Volstead,* Rep.....Granite Falls
8. Clarence B. Miller,* Rep.....Duluth
9. Halvor Steenerson,* Rep.....Crookston

MISSISSIPPI.

1. Ezekiel S. Candler, Jr.,* Dem.....Corinth
2. Hubert D. Stephens,* Dem.....New Albany
3. Benjamin G. Humphreys,* Dem.....Greenville
4. Thomas U. Slison,* Dem.....Winona
5. S. A. Witherspoon,* Dem.....Meridian
6. B. P. Harrison,* Dem.....Gulfport
7. Percy E. Quin, Dem.....McComb City
8. James W. Collier,* Dem.....Vicksburg

MISSOURI.

1. James T. Lloyd,* Dem.....Shelbyville
2. William W. Rucker,* Dem.....Keytesville
3. Joshua W. Alexander,* Dem.....Gallatin
4. Charles F. Booher,* Dem.....Savannah
5. William P. Borland,* Dem.....Kansas City
6. Clement C. Dickinson,* Dem.....Clinton
7. Courtney W. Hamlin,* Dem.....Springfield
8. Dorsey W. Shackelford,* Dem.....Jefferson City
9. Champ Clark,* Dem.....Bowling Green
10. Richard Barthold,* Rep.....St. Louis
11. William L. Igoe, Dem.....St. Louis
12. L. C. Dyer,* Rep.....St. Louis
13. Walter L. Hensley,* Dem.....Farmington
14. Joseph J. Russell,* Dem.....Charleston
15. Perl D. Decker, Dem.....Joplin
16. Thomas L. Rubey,* Dem.....Lebanon

MONTANA.

- Thomas Stout,† Dem.....Lewistown
- John M. Evans,† Dem.....Missoula

NEBRASKA.

1. John A. Maguire,* Dem.....Lincoln
2. C. O. Lobeck, Dem.....Omaha
3. Dan V. Stephens,* Dem.....Fremont
4. Charles H. Sloan,* Rep-Prog.....Geneva
5. Silas R. Barton, Rep-Prog.....Grand Island
6. Moses P. Kinkaid,* Rep.....O'Neill

NEVADA.

- E. E. Roberts,†* Rep.....Carson City

NEW HAMPSHIRE.

1. Eugene E. Reed, Dem.....Manchester
2. Raymond B. Stevens, Dem.....Landall

NEW JERSEY.

1. William J. Browning,* Rep.....Camden
2. J. Thompson Baker, Dem.....Wildwood
3. Thomas J. Scully,* Dem.....South Amboy
4. Allan B. Walsh, Dem.....Trenton
5. William E. Tuttle, Jr.,* Dem.....Westfield
6. Lewis J. Martin, Dem.....Newton
7. Robert G. Brenner, Dem.....Paterson
8. Eugene F. Kinkad,* Dem.....Jersey City
9. Walter I. McCoy,* Dem.....South Orange
10. Edward W. Townsend,* Dem.....Montclair
11. John J. Eagan, Dem.....Jersey City

NEW MEXICO.

- Harvey B. Fergusson,† Dem.....Albuquerque

NEW YORK.

1. Lathrop Brown, Dem.....St. James
2. Dennis J. O'Leary, Dem.....Douglaston
3. Frank E. Wilson,* Dem.....Brooklyn
4. Harry H. Dale, Dem.....Brooklyn
5. James P. Maher,* Dem.....Brooklyn
6. William M. Calder,* Rep.....Brooklyn
7. John J. Fitzgerald,* Dem.....Brooklyn
8. Daniel P. Griffin, Dem.....Brooklyn
9. James H. O'Brien, Dem.....New York
10. Herman A. Metz, Dem.....Brooklyn
11. Daniel J. Riordan,* Dem.....New York
12. Henry M. Goldfogle,* Dem.....New York
13. Timothy D. Sullivan, Dem.....New York
14. Jefferson M. Levy,* Dem.....New York
15. Michael F. Conry,* Dem.....New York
16. Peter J. Dowling, Dem.....New York
17. John S. Carew, Dem.....New York
18. Thomas S. Patten,* Dem.....New York
19. Franklin Leonard, Dem.....New York
20. Francis B. Harrison,* Dem.....New York
21. Henry George, Jr.,* Dem.....New York
22. Henry Bruckner, Dem.....New York
23. Joseph A. Goulden, Dem.....New York
24. Woodson R. Oglesby, Dem.....Mohagan Park
25. Benjamin I. Taylor, Dem.....Harrison
26. Edmund Platt, Rep.....Poughkeepsie
27. George McClellan, Dem.....Kinderhook
28. Peter G. Ten Eyck, Dem.....Albany
29. James S. Parker, Rep.....Salem
30. Samuel Wallin, Rep.....Amsterdam
31. Edward A. Merritt, Jr., Rep.....Potsdam
32. Luther Mott,* Rep.....Oswego
33. Charles A. Talcott,* Dem.....Utica
34. George W. Fairchild,* Rep.....Oneonta
35. John R. Clancy, Dem.....Syracuse
36. Sereno E. Payne,* Rep.....Auburn
37. Edwin S. Underhill,* Dem.....Bath
38. Thomas B. Dunn, Rep.....Rochester
39. Henry G. Danforth,* Rep.....Rochester
40. Robert H. Gittins, Dem.....Niagara Falls
41. Charles B. Smith,* Dem.....Buffalo
42. Daniel A. Driscoll,* Dem.....Buffalo
43. Charles M. Hamilton, Rep.....Ripley

NORTH CAROLINA.

1. John H. Small,* Dem.....Washington
2. Claude Kitchin,* Dem.....Scotland Neck
3. John M. Faison,* Dem.....Faison
4. Edward W. Pou,* Dem.....Smithfield
5. Charles M. Stedman,* Dem.....Greensboro
6. H. L. Godwin,* Dem.....Dunn
7. Robert N. Page,* Dem.....Bisco
8. R. L. Doughton,* Dem.....Laurel Springs
9. Edwin Y. Webb,* Dem.....Shelby
10. James M. Gudger, Jr.,* Dem.....Asheville

NORTH DAKOTA.

1. H. T. Helgesen,* Rep.....Milton
2. George M. Young, Rep.....Valley City
3. P. D. Norton, Rep.....Nottinger

OHIO.

- Robert Crosser,† Dem.....Cleveland
1. Stanley E. Bowdle, Dem.....Cincinnati
2. Alfred G. Allen,* Dem.....Cincinnati
3. Warren Gard, Dem.....Hamilton

4. J. Henry Goeke,* Dem.....	Wapakoneta
5. Timothy T. Ansberry,* Dem.....	Defiance
6. S. D. Fess, Rep.....	Yellow Springs
7. J. D. Post,* Dem.....	Washington C. H.
8. Frank B. Willis,* Rep.....	Ada
9. Isaac R. Sherwood,* Dem.....	Toledo
10. Robert M. Switzer,* Rep.....	Waverly
11. Horatio C. Claypool,* Dem.....	Chillicothe
12. Clement L. Brumbaugh, Dem.....	Columbus
13. John A. Key, Dem.....	Marion
14. William G. Sharp,* Dem.....	Elyria
15. George White,* Dem.....	Marletta
16. William B. Francis,* Dem.....	Martins Ferry
17. William A. Ashbrook,* Dem.....	Johnstown
18. J. J. Whitacre,* Dem.....	Canton
19. E. R. Bathrick,* Dem.....	Akron
20. William Gordon, Dem.....	Cleveland
21. Robert J. Bulkeley,* Dem.....	Cleveland

OKLAHOMA.

W. H. Murray,† Dem.....	Tishomingo
Claude Weaver,† Dem.....	Oklahoma City
J. B. Thompson,† Dem.....	Pauls Valley
1. Bird S. McGuire,* Rep.....	Pawnee
2. Dick T. Morgan,* Rep.....	Woodward
3. James S. Davisport,* Dem.....	Vinita
4. Charles D. Carter,* Dem.....	Edmore
5. Scott Ferris,* Dem.....	Lawton

OREGON.

1. Willis C. Hawley,* Rep.....	Salem
2. Nicholas J. Sinnott, Rep.....	The Dalles
3. A. Walter Lafferty,* Rep.....	Portland

PENNSYLVANIA.

John M. Morin,† Rep.....	Pittsburgh
Frederick E. Lewis,† Rep.....	Allentown
Anderson H. Walters,† Rep.....	Johnstown
Arthur R. Ruple,† Rep.....	Carlisle
1. William S. Vane, Rep.....	Philadelphia
2. George S. Graham, Rep.....	Philadelphia
3. J. Hampton Moore,* Rep.....	Philadelphia
4. George W. Edmonds, Rep.....	Philadelphia
5. Michael Donohoe,* Dem.....	Philadelphia
6. J. Washington Logue, Dem.....	Philadelphia
7. Thomas S. Butler,* Rep.....	West Chester
8. Robert E. Difenderfer,* Dem.....	Jenkintown
9. W. W. Grist,* Rep.....	Lancaster
10. John R. Farr,* Rep.....	Scranton
11. John J. Casey, Dem.....	Wilkesbarre
12. Robert E. Lee,* Dem.....	Pottsville
13. John H. Rothmel,* Dem.....	Reading
14. William D. B. Alney,* Rep.....	Montrose
15. Edgar R. Kiess, Rep.....	Williamsport
16. John V. Lesher, Dem.....	Sunbury
17. Frank L. Dershem, Dem.....	Lewisburg
18. Aaron S. Kreider, Rep.....	Annvillle
19. Warren Worth Bailey, Dem.....	Johnstown
20. Andrew R. Brodbeck, Dem.....	Hanover
21. Charles E. Patton,* Rep.....	Curwensville
22. Abraham L. Keister, Rep.....	Scottsdale
23. Wooda W. Carr, Dem.....	Uniontown
24. Henry W. Temple, Rep.....	Washington
25. Milton W. Shreve, Rep.....	Erie
26. A. Mitchell Palmer,* Dem.....	Stroudsburg
27. J. N. Langham,* Rep.....	Indiana
28. Willis J. Hullings, Rep.....	Oil City
29. Stephen G. Porter,* Rep.....	Pittsburgh
30. M. Clyde Kelly, Rep.....	North Braddock
31. James F. Burke,* Rep.....	Pittsburgh
32. Andrew J. Barchfeld,* Rep.....	Pittsburgh

RHODE ISLAND.

1. George F. O'Shaughnessy,* Dem.....	Providence
2. Peter Goelet Gerry, Dem.....	Newport
3. Ambrose Kennedy, Rep.....	Woonsocket

SOUTH CAROLINA.

1. George S. Legare,* Dem.....	Charleston
2. James F. Byrnes,* Dem.....	Aiken
3. Wyatt Aiken,* Dem.....	Aberdeen
4. Joseph T. Johnson,* Dem.....	Spartanburg
5. D. E. Finley,* Dem.....	Yorkville
6. J. W. Ragsdale, Dem.....	Marion
7. A. F. Lever,* Dem.....	Lexington

SOUTH DAKOTA.

1. Charles H. Dillon, Rep.....	Yankton
2. Charles H. Burke,* Rep.....	Pierre
3. E. W. Martin,* Rep.....	Deadwood

TENNESSEE.

1. Sam R. Sells,* Rep.....	Johnson City
2. Richard W. Austin,* Rep.....	Knoxville
3. John A. Moon,* Dem.....	Chattanooga
4. Cordell Hull,* Dem.....	Carthage
5. W. C. Houston,* Dem.....	Woodbury
6. Joseph W. Byrns,* Dem.....	Nashville
7. Lemuel P. Padgett,* Dem.....	Columbia
8. Thefus W. Sims,* Dem.....	Linden
9. Finis J. Garrett,* Dem.....	Dresden
10. Kenneth D. McKellar,* Dem.....	Memphis

TEXAS.

Hatton W. Summers,† Dem.....	Dallas
Daniel E. Garrett,† Dem.....	Houston
1. Horace W. Vaughan,* Dem.....	Texarkana
2. Martlen Dyes,* Dem.....	Woodville
3. James Young,* Dem.....	Kaufman
4. Sam Rayburn, Dem.....	Bonham
5. Jack Beall,* Dem.....	Waxahachie
6. Rufus Hardy,* Dem.....	Corsicana
7. A. W. Gregg,* Dem.....	Houston
8. Joe Eagle, Dem.....	Gonzales
9. George F. Burgess,* Dem.....	Austin
10. Albert S. Burleson,* Dem.....	Waco
11. R. L. Henry,* Dem.....	Comanche
12. Oscar Callaway,* Dem.....	Vernon
13. John H. Stephens, Dem.....	San Antonio
14. James L. Slayden,* Dem.....	Uvalde
15. John N. Garner,* Dem.....	Colorado
16. W. R. Smith,* Dem.....	

UTAH.

Joseph Howell,†* Rep.....	Logan
Jacob Johnson,† Rep.....	Spring City

VERMONT.

1. Frank L. Green, Rep.....	St. Albans
2. Frank Plumley,* Rep.....	Northfield

VIRGINIA.

1. William A. Jones,* Dem.....	Warsaw
2. Edward E. Holland,* Dem.....	Suffolk
3. Andrew J. Montague, Dem.....	Richmond
4. Walter A. Watson, Dem.....	Jenning's Ordinary
5. E. W. Saunders,* Dem.....	Rocky Mount
6. Carter Glass,* Dem.....	Lynchburg
7. James Hay,* Dem.....	Madison
8. C. C. Carlin,* Dem.....	Alexandria
9. C. Bascomb Slem,* Rep.....	Big Stone Gap
10. Henry D. Flood,* Dem.....	Appomattox

WASHINGTON.

A. J. Falconer,* Prog.....	Everett
J. W. Bryan,* Prog.....	Bremerton
1. W. E. Humphrey,* Rep.....	Seattle
2. Albert Johnson, Rep.....	Hoquiam
3. W. L. LaFollette,* Rep.....	Pullman

WEST VIRGINIA.

1. John W. Davis,* Dem.....	Clarksburg
2. William G. Brown, Jr.,* Dem.....	Kingwood
3. Samuel V. Avis, Rep.....	Chapman
4. H. H. Moss, Jr., Rep.....	Parkersburg
5. James A. Hughes,* Rep.....	Huntington
6. Howard Sutherland, Rep.....	Elkins

WISCONSIN.

1. Henry A. Cooper,* Rep.....	Racine
2. Michael E. Burke,* Dem.....	Beaver Dam
3. John M. Nelson,* Rep.....	Madison
4. William J. Cary,* Rep.....	Milwaukee
5. William H. Stafford,* Rep.....	Milwaukee
6. Michael R. Reilly, Dem.....	Fond du Lac
7. John J. Esch,* Rep.....	LaCrosse
8. E. E. Browne,* Rep.....	Waupaca
9. Thomas F. Konop,* Dem.....	Kewaunee
10. James A. Frear, Rep.....	Hudson
11. Irvine L. Leuroot,* Rep.....	Superior

WYOMING.

Frank W. Mondell,†* Rep.....	Newcastle
------------------------------	-----------

DELEGATES.

Alaska—James Wickersham,* Prog.....	Fairbanks
Hawaii—J. K. Kaliahole, Rep.....	Honolulu

COMMISSIONERS.

Philippines—Manuel Quezon and Manuel Earnshaw	
Porto Rico—Luis Munoz Rivera*	San Juan

Army of the United States.

Corrected to Oct. 20, 1912.

GENERAL OFFICERS AND OFFICERS OF STAFF CORPS AND DEPARTMENTS.

GENERAL OFFICERS.

MAJOR-GENERALS.

Leonard Wood. William H. Carter.
J. Franklin Bell. Arthur Murray.
Thomas H. Barry. Wm. W. Waterspoon.

BRIGADIER-GENERALS.

Frederick Funston. Montgomery M. Macomb.
Tasker H. Bliss. Walter S. Schuyler.
Albert L. Mills. Albert K. Evans.
John J. Pershing. George S. Anderson.
Ramsay D. Potts. Clarence R. Edwards.
Frederick A. Smith. Edgar Z. Steever.
Marion P. Maus. Edward J. McClernand.
Ralph W. Hoyt.

GENERAL STAFF CORPS.

Maj.-Gen. Leonard Wood, chief of staff.
Maj.-Gen. William W. Waterspoon.

BRIGADIER-GENERALS.

Albert L. Mills. Erasmus M. Weaver.

COLONELS.

John Biddle, engineers.
William A. Mann, infantry.
Edwin St. J. Greble, field artillery.
William A. Nichols, infantry.

LIEUTENANT-COLONELS.

Charles R. Noyes. Harry C. Benson.
John E. McMahon. William G. Haan.
Henry C. Hodges, Jr. Frederick S. Foltz.

MAJORS.

Carl Reichmann. Benjamin A. Poore.
H. D. Todd, Jr. Charles H. Martin.
William Lassiter. Jesse McI. Carter.
Daniel B. Devore. Joseph D. Leitch.
Daniel W. Ketcham. Arthur S. Conklin.

CAPTAINS.

James T. Moore. John R. Procter.
S. B. J. Schindel. Frank R. McCoy.
William J. Glasgow. Charles E. Kilbourne.
George C. Barnhardt. William H. Raymond.
Harsted Dorey. James P. Robinson.
Harrison Hall. John W. Wright.

DIVISIONS AND DEPARTMENTS.

EASTERN DIVISION—Embracing the departments of the east and of the gulf; headquarters, Governor's Island, N. Y.; commander, Maj.-Gen. T. H. Barry.

DEPARTMENT OF THE EAST—Embracing New England states, New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, Virginia, West Virginia, Ohio, island of Porto Rico and islands and keys adjacent thereto; headquarters at Fort Totten, N. Y.; commander, Brig.-Gen. T. H. Bliss.

DEPARTMENT OF THE GULF—Embracing states of North Carolina, South Carolina, Kentucky, Tennessee, Georgia, Florida, Alabama, Mississippi and the artillery districts of New Orleans and Galveston; headquarters at Atlanta, Ga.; commander, Brig.-Gen. R. K. Evans.

CENTRAL DIVISION—Embracing the departments of the lakes, the Missouri and Texas and the military reservations of Fort D. A. Russell (Wyoming), Fort Leavenworth (Kansas) and Fort Riley (Kansas); headquarters, Chicago, Ill.; commander, Brig.-Gen. R. D. Potts.

DEPARTMENT OF THE LAKES—Embracing the states of Michigan, Illinois, Indiana, Wisconsin, Minnesota and North Dakota; headquarters, St. Paul, Minn.; commander, Brig.-Gen. R. W. Hoyt.

DEPARTMENT OF THE MISSOURI—Embracing the states of Iowa, Missouri, Kansas (except Fort Leavenworth and Fort Riley military reservations), Nebraska, South Dakota, Wyoming (except Yellowstone National park and Fort D. A. Russell military reservation) and Colorado; headquarters, Omaha, Neb.; commander, Brig.-Gen. F. A. Smith.

DEPARTMENT OF TEXAS—Embracing states of Texas (except artillery district of Galveston), Louisiana

(except artillery district of New Orleans), Arkansas, Oklahoma and New Mexico; headquarters, San Antonio, Tex.; commander, Brig.-Gen. E. Z. Steever.

WESTERN DIVISION—Embracing the departments of California and the Columbia; headquarters, San Francisco, Cal.; commander, Maj.-Gen. A. Murray.

DEPARTMENT OF CALIFORNIA—Embracing states of California, Nevada, Utah and Arizona; headquarters, Fort Riley, Cal.; commander, Brig.-Gen. W. S. Schuyler.

DEPARTMENT OF THE COLUMBIA—Embracing states of Washington, Oregon, Idaho, Montana, so much of Wyoming as is included in the Yellowstone National park and Alaska; headquarters, Vancouver barracks, Wash.; commander, Brig.-Gen. M. P. Maus.

DEPARTMENT OF HAWAII—Embracing the Hawaiian islands and their dependencies; headquarters, Honolulu, H. T.; commander, Brig.-Gen. M. M. Macomb.

PHILIPPINES DIVISION—Embracing the departments of Luzon, Visayas and Mindanao; headquarters, Manila, P. I.; commander, Maj.-Gen. J. F. Bell.

DEPARTMENT OF LUZON—Embracing all that portion of the Philippine archipelago lying west of longitude 121 degrees 45 minutes east of Greenwich and north of the parallel of latitude 11 degrees 30 minutes north excluding the island of Lina-pacan), and lying east of longitude 121 degrees 45 minutes east of Greenwich and north of the 11th parallel of latitude, except the island of Mindanao and all the islands east of the Straits of Surigao; headquarters at Manila, P. I.; commander, Brig.-Gen. F. Funston.

DEPARTMENT OF MINDANAO—Includes all the remaining islands of the Philippine archipelago; headquarters, Zamboanga, P. I.; commander, Brig.-Gen. J. J. Pershing.

DEPARTMENT OFFICERS.

THE ADJUTANT-GENERAL—With rank of brigadier-general: George Andrews.

ADJUTANT-GENERALS—With rank of colonel: Henry O. S. Heistand, William A. Simpson, Henry P. McCain, James T. Kerr, Alexander O. Brodie.
With rank of lieutenant-colonel: Benjamin Alvord, Eugene F. Ladd, Samuel W. Dunning, Francis J. Kernan, Thomas J. Lewis, Peyton C. March, Archibald Campbell.

With rank of major: William M. Wright, David J. Baker, William S. Scott, Harry H. Whitney, James T. Dean, Frank L. Winn, F. D. Evans, William R. Sample, George T. Patterson, A. S. Fleming.

INSPECTOR-GENERAL—With rank of brigadier-general: Ernest A. Garlington.

INSPECTORS-GENERAL—With rank of colonel: Stephen C. Mills, John L. Chamberlain, Henry P. Kingsbury.

With rank of lieutenant-colonel: James B. Erwin, George Bell, Jr., John H. Beacom, Alfred M. Hunter.

With rank of major: Andre W. Brewster, Frank G. Mauldin, Walter H. Gordon, James H. Frier, E. A. Helmick, LeRoy S. Lyon, John M. Jenkins, Alonzo Gray, A. L. Dade.

JUDGE-ADVOCATE GENERAL—With rank of brigadier-general: Enoch H. Crowder.

JUDGE-ADVOCATES—With rank of colonel: Harvey C. Carbaugh, John A. Hull.

With rank of lieutenant-colonel: George M. Dunn, Frank L. Dodds, John B. Porter.

With rank of major: Lewis E. Goodier, Henry M. Morrow, Walter A. Bethel, B. Winship, Beverly A. Read, Edward A. Kreger.

QUARTERMASTER-GENERAL—With rank of major-general: James B. Aleshire.

BRIGADIER-GENERALS—Henry G. Sharpe, George R. Smith.

COLONELS—John L. Clem, Edward E. Dravo, Abiel L. Smith, Harry L. Rogers, William H. Miller, F. Von Schrader, Frederick G. Hodgson, John E. Bellingier, Isaac W. Littell, Gonzales Bingham, Webster Vinson, Carroll A. Devol, Wallace S. Hamilton, David L. Brinard.

SURGEON-GENERAL—With rank of brigadier-general: George H. Torney.

ASSISTANT SURGEONS-GENERAL—With rank of colonel: W. C. Gorgas, Marvin L. Maus, Daniel M. Appel, Harry O. Perley, William B. Davis, William B. Gray, Louis Brechemin, Louis A. La Garde, Charles Richard, R. G. Ebert, W. H. Arthur, George E. Busnell, H. P. Birmingham, William Stephenson, John L. Phillips.

With rank of lieutenant-colonel: Guy L. Edie, William D. Crosby, Charles M. Gandy, Walter D. McCaw, J. R. Kean, Henry I. Raymond, Henry S. T. Harris, William P. Kendall, William B. Banister, Charles E. Woodruff, Charles F. Mason, James D. Glennan, Alfred E. Bradley, Euclid B. Frick, Frank R. Keefer, Charles Wilcox, Thomas U. Raymond, Henry D. Snyder, Allen M. Smith, Joseph T. Clarke, M. W. Ireland, Henry C. Fisher, Henry A. Shaw, Francis A. Winter.

CHIEF OF ENGINEERS—With rank of brigadier-general: William H. Bixby.

Colonels: William T. Rossell, Dan C. Kingman, William M. Black, S. W. Roessler, F. V. Abbot, Curtis McD. Townsend, George W. Goethals, John Mills, John Biddle, Harry F. Hodges, James G. Warren, Edward Burr.

Lieutenant-colonels: L. H. Beach, George A. Zinn, William C. Langfitt, James C. Sanford, Graham D. Fitch, B. DuB. Gaillard, Harry Taylor, William L. Sibert, Joseph E. Kuhn, William E. Craighill, Henry C. Newcomer, Patrick M. Mason, Charles H. Riche, Thomas H. Rees, Charles L. Potter, Francis R. Shunk, Henry Jervey, Charles H. McKinstry, William V. Judson.

CHIEF OF ORDNANCE—With rank of brigadier-general: William Crozier.

Colonels: Rogers Birnie, Frank Baker, Orin B. Mitcham, Charles H. Clark, J. W. Benet, William W. Gibson.

Lieutenant-colonels: Edwin B. Babbitt, John T. Thompson, Charles B. Wheeler, William S. Pierce, George W. Burr, C. L. H. Ruggles, O. C. Horney, George Montgomery, T. C. Dickson.

CHIEF SIGNAL OFFICER—With rank of brigadier-general: James Allen.

SIGNAL OFFICER—With rank of colonel: G. P. Scriven.

Lieutenant-colonels: William A. Glassford, Frank Greene.

REGIMENTAL OFFICERS.

CAVALRY.

- Colonel, Walter L. Finley; Lieutenant-colonel, L. M. Brett; majors, W. W. Forsyth, James B. Hughes, E. S. Wright.
- Colonel, Frank West; Lieutenant-colonel (vacancy); majors, Matthew F. Steele, John S. Winn, Francis C. Marshall.
- Colonel, Hugh L. Scott; Lieutenant-colonel, Guy Carleton; majors, Daniel L. Tate, Sedgwick Rice, Arthur Thayer.
- Colonel, William D. Beach; Lieutenant-colonel, Jacob G. Galbraith; majors, L. Hardman, Guy H. Preston, Ralph Harrison.
- Colonel, Wilbur E. Wilder; Lieutenant-colonel (vacancy); majors, N. F. McClure, George T. Langhorne.
- Colonel, Charles M. O'Connor; Lieutenant-colonel, Augustus P. Blocksom; majors, John W. Heard, John P. Ryan, M. C. Butler, Jr.
- Colonel, George K. Hunter; Lieutenant-colonel (vacancy); majors, S. R. H. Tomkins, Peter E. Traub, Francis S. Beach.
- Colonel, Eben Swift; Lieutenant-colonel, Daniel H. Boughton; majors, Charles W. Farber, Malvern-Hill Barnum, Thomas O. Donaldson.
- Colonel, John F. Guilfoyle; Lieutenant-colonel (vacancy); majors, George W. Read, William T. Littlebrandt, Charles Young.
- Colonel, John C. Gresham; Lieutenant-colonel, Charles H. Grierson; majors, George O. Cress, W. A. Halbrook, W. H. Hay.

- Colonel, James Parker; Lieutenant-colonel, George H. Morgan; majors, Robert D. Walsh, DeRosey C. Cabell, Robert L. Howze.
- Colonel, Murray H. Cunliffe; Lieutenant-colonel (vacancy); majors, S. H. Elliott, F. J. Koester, Edw. Anderson.
- Colonel, Charles A. P. Hatfield; Lieutenant-colonel, George H. Sands; majors, G. H. MacDonald, Robert E. L. Michie, P. D. Lockridge.
- Colonel, Frederick W. Sibley; Lieutenant-colonel, Edwin P. Brewer; majors, George H. Cameron, Robert A. Brown, Edwin M. Suplee.
- Colonel, Joseph Garrard; Lieutenant-colonel, F. O. Johnson; majors, Stephen H. Slocum, Charles A. Hedekin, M. M. McNamee.

INFANTRY.

- Colonel, G. K. McGunnege; Lieutenant-colonel, Robert L. Hirst; majors, Julius A. Penn, Charles E. Payman, Joseph Frazier.
- Colonel, Francis W. Mansfield; Lieutenant-colonel, Wilson Y. Stamper; majors, J. H. Whalley, Waldo E. Ayer, E. V. Smith.
- Colonel, Henry Kirby; Lieutenant-colonel, L. J. Hearn; majors, William H. Bertsch, Lutz Wahl, William P. Jackson.
- Colonel, William C. Butler; Lieutenant-colonel, Elmore F. Taggart; majors, Paul A. Wolf, Charles G. French, John S. Switzer.
- Colonel, Calvin D. Cowles; Lieutenant-colonel, S. L. Faison; majors, William F. Martin, James H. McRae, A. I. Lasseigne.
- Colonel, Lea Febiger; Lieutenant-colonel, James M. Arrasmit; majors, Edson A. Lewis, John L. Hines, M. Crowley.
- Colonel, Daniel Cornman; Lieutenant-colonel, Willis T. May; majors, Carl Reichmann, M. J. Lenihan, Charles Miller.
- Colonel, John C. F. Tilson; Lieutenant-colonel, Walter K. Wright; majors, Thomas G. Hanson, W. O. Johnson, Harry J. Hirsch.
- Colonel, Charles J. Crane; Lieutenant-colonel, David O. Shanks; majors, James Baylies, E. V. Bookmiller, George B. Duncan.
- Colonel, Henry A. Greene; Lieutenant-colonel, W. F. Blauvelt; majors, Charles Gerhardt, Samuel Seay, LaRoy S. Upton.
- Colonel, Arthur Williams; Lieutenant-colonel, Omar Bundy; majors, Henry R. Lee, Fred W. Sladen, Henry J. Hunt.
- Colonel, William H. C. Bowen; Lieutenant-colonel, Charles H. Barth; majors, Robert H. Noble, Herman Hall, Robert W. Rose.
- Colonel, R. H. R. Loughborough; Lieutenant-colonel, George W. McIver; majors, U. G. Alexander, Beaumont B. Buck, Peter C. Hains.
- Colonel, Richard H. Wilson; Lieutenant-colonel, Maury Nichols; majors, F. H. Albright, H. G. Learnard, John W. Heavey.
- Colonel, Frank B. Jones; Lieutenant-colonel, Edwin A. Root; majors, A. B. Shattuck, Charles C. Clark, Palmer E. Pierce.
- Colonel, Cornelius Gardener; Lieutenant-colonel, Chase W. Kennedy; majors, Charles S. Farnsworth, Edward R. Chrisman, William C. Bennett.
- Colonel, John T. Van Orsdale; Lieutenant-colonel, Harry C. Hale; majors, Edward N. Jones, Jr., George W. Martin, George C. Saffarans.
- Colonel, Thomas F. Davis; Lieutenant-colonel, Alfred Hasbrouck; majors, Mark L. Hersey, Francis E. Lacey, Jr., George D. Moore.
- Colonel, Millard F. Waltz; Lieutenant-colonel, Daniel L. Howell; majors, Edward M. Lewis, Samuel Burkhardt, Jr., Truman O. Murphy.
- Colonel, James A. Irons; Lieutenant-colonel, Frederick Perkins; majors, Charles Crawford, William S. Graves, Frank D. Webster.
- Colonel, George S. Young; Lieutenant-colonel, John F. Morrison; majors, A. P. Buffington, Samuel E. Smiley, Wilson Chase.
- Colonel, Daniel A. Frederick; Lieutenant-colonel, Harris L. Roberts; majors, Benjamin A. Poore, Peter Murray, H. H. Bandholtz.
- Colonel, Edwin F. Glenn; Lieutenant-colonel, Edwin P. Pendleton; majors, Dwight E. Holley, Charles B. Hagadorn, William Weigal.
- Colonel, William Paulding; Lieutenant-colonel,

- Frank B. McCoy; majors, Charles C. Ballou, Marcus D. Cronin, M. S. Jarvis.
25. Colonel, L. W. V. Kennon; lieutenant-colonel, Charles W. Penrose; majors, Ernest B. Gose, Vernon L. Caldwell, Edmund L. Butts.
 26. Colonel, Robert L. Bullard; lieutenant-colonel, William H. Johnston; majors, Lucius L. Durfee, Sydney A. Cloman, Ross L. Bush.
 27. Colonel, Robert N. Getty; lieutenant-colonel, Walter H. Chatfield; majors, Edmund Wittenmyer, William R. Dashiell, John B. Bennett.
 28. Colonel, Edward H. Plummer; lieutenant-colonel, William H. Alaire; majors, Joseph D. Leitch, James R. Lindsay, Harry A. Smith.
 29. Colonel, John S. Mallory; lieutenant-colonel, Charles M. Truitt; majors, Henry D. Styer, M. McFarland, Douglas Settle.
 30. Colonel Charles McClure; lieutenant-colonel, William H. Sage; majors, F. R. Day, Leon S. Roudiez, John J. Bradley.
- Porto Rico Regiment—Lieutenant-colonel, Lewis M. Koehler; majors, William M. Morrow, M. B. Stewart.
- Philippine Scouts—Major, Daniel Van Voorhis.

FIELD ARTILLERY.

1. Colonel, David J. Rumbough; lieutenant-colonel, Charles T. Menober.
2. Colonel (vacancy); lieutenant-colonel, T. Bentley Mott.
3. Colonel, Charles G. Treat; lieutenant-colonel, Samuel D. Sturgis.
4. Colonel, Alexander B. Dyer; lieutenant-colonel, Lucien G. Berry.
5. Colonel, Granger Adams; lieutenant-colonel, Ernest Hinds.
6. Colonel, Eli D. Hoyle; lieutenant-colonel, William L. Kenly.

RETIRED LIST.

ABOVE THE RANK OF MAJOR—ALPHABETICALLY ARRANGED.

Corrected to Oct. 20, 1912.

Annual Pay—Lieutenant-general, \$3,250; major-general, \$5,625; brigadier-general, \$4,125; colonel, \$2,650; lieutenant-colonel, \$2,250.

- Abbott, Henry L., Brig.-Gen., Cambridge, Mass.
 Abercrombie, W. R., Lieut.-Col., Spokane, Wash.
 Adair, George W., Col., Fayetteville, O.
 Ainsworth, F. C., Maj.-Gen., Washington, D. C.
 Alexander, Charles T., Brig.-Gen., Washington, D. C.
 Alexander, William L., Brig.-Gen., Pasadena, Cal.
 Alleh, C. J., Brig.-Gen., Edgartown, Mass.
 Allison, J. N., Brig.-Gen., New York, N. Y.
 Ames, R. F., Lieut.-Col. (abroad).
 Anderson, G. L., Col., Palo Alto, Cal.
 Anderson, H. R., Col., Washington, D. C.
 Anderson, T. M., Brig.-Gen., Portland, Ore.
 Andrews, G. L., Col., Washington, D. C.
 Andrews, H. M., Col., Noroton Heights, Conn.
 Appel, A. H., Col., New York, N. Y.
 Auman, W. R., Brig.-Gen., Youngstown, N. Y.
 Bacon, John M., Col., Portland, Ore.
 Bailey, Clarence M., Col., Chicago, Ill.
 Bailey, H. L., Lieut.-Col., Fort Sheridan, Ill.
 Bailey, H. K., Col., Bridgeton, N. J.
 Bainbridge, A. H., Lieut.-Col., Spokane, Wash.
 Baldwin, Frank D., Brig.-Gen., Denver, Col.
 Baldwin, T. A., Brig.-Gen., Tunnel Hill, Ga.
 Banister, J. M., Col., Omaha, Neb.
 Barlow, John W., Brig.-Gen., New London, Conn.
 Barney, George F., Lieut.-Col. (abroad).
 Barr, Thomas F., Brig.-Gen., Canaan, N. H.
 Bartholf, John H., Lieut.-Col., Plattsburg, N. Y.
 Bates, John C., Lieut.-Gen., Atlantic City, N. J.
 Beaul, F. M., Lieut.-Col., Washington, D. C.
 Beaumont, Eugene B., Lieut.-Col., Wilkesbarre, Pa.
 Becker, Otto, Lieut.-Col., St. Louis, Mo.
 Bell, James M., Brig.-Gen., New London, Conn.
 Bentley, Edwin, Lieut.-Col., Little Rock, Ark.
 Billings, John S., Lieut.-Col., New York, N. Y.
 Bingham, T. A., Brig.-Gen., New York, N. Y.
 Bird, Charles, Brig.-Gen., Gloucester, Mass.
 Birkhimer, W. E., Brig.-Gen., Washington, D. C.
 Bisbee, W. H., Brig.-Gen., Boston, Mass.
 Blunt, A. C., Lieut.-Col., Springfield, Mass.
 Bolton, E. B., Col., Quincy, Cal.
- Bonus, Peter S., Col., Cossackie, N. Y.
 Borden, George P., Brig.-Gen., New York, N. Y.
 Borden, W. C., Lieut.-Col., Washington, D. C.
 Bowman, A. H., Brig.-Gen., New Haven, Conn.
 Boyle, William H., Lieut.-Col., Rowayton, Conn.
 Breck, Samuel, Brig.-Gen., Brookline, Mass.
 Breckinridge, J. C., Maj.-Gen., Jamestown, Va.
 Brewerton, H. F., Lieut.-Col., Elizabeth, N. J.
 Brinkerhoff, H. R., Lieut.-Col., Oak Park, Ill.
 Brooke, John R., Maj.-Gen., Pittsfield, Mass.
 Brooks, J. C., Col., San Francisco, Cal.
 Brown, E. T., Col., Paris, Me.
 Brown, George L. E., Col., Sweetwater, Tenn.
 Brown, J. M., Brig.-Gen., Bucksack, N. J.
 Brush, D. H., Brig.-Gen., Baltimore, Md.
 Bubb, John W., Brig.-Gen., Wilmington, Del.
 Buchanan, J. M., Brig.-Gen., Ilchester, Md.
 Buffington, A. R., Brig.-Gen., Madison, N. J.
 Burbank, Jacob E., Lieut.-Col., Malden, Mass.
 Burbank, J. B., Brig.-Gen., Pittsfield, Mass.
 Burt, Andrew S., Brig.-Gen., Washington, D. C.
 Burton, G. H., Brig.-Gen., Los Angeles, Cal.
 Butler, John G., Brig.-Gen., Portland, Ore.
 Byrne, Charles, Lieut.-Col., Buffalo, N. Y.
 Byrne, Charles B., Col., Fort Preble, Me.
 Byrne, Charles C., Col., Washington, D. C.
- Calef, John H., Lieut.-Col., Gloucester, Mass.
 Calif, J. M., Brig.-Gen., Towanda, Pa.
 Campbell, L. E., Lieut.-Col., Denver, Col.
 Card, Benjamin C., Lieut.-Col., Colours, Ontario.
 Carlton, Caleb H., Brig.-Gen., Rye, N. Y.
 Carpenter, Louis H., Brig.-Gen., Norfolk, Conn.
 Carr, Camillo C. C., Brig.-Gen., Chicago, Ill.
 Carrington, Henry B., Col., Hyde Park, Mass.
 Casey, Thomas L., Col., Washington, D. C.
 Catlin, Isaac, Col., Apalachin, N. Y.
 Cavenaugh, H. G., Lieut.-Col., New Castle, Del.
 Cazlar, L. V., Brig.-Gen. (abroad).
 Chaffee, Adna R., Lieut.-Gen., Los Angeles, Cal.
 Chance, J. C., Brig.-Gen., Springfield, O.
 Chandler, John G., Col., Los Angeles, Cal.
 Chase, G. F., Brig.-Gen., Washington, D. C.
 Cheever, B. H., Lieut.-Col., Chicago, Ill.
 Chittenden, H. M., Brig.-Gen., Seattle, Wash.
 Clague, J. J., Col., Minneapolis, Minn.
 Cleary, Peter J. A., Brig.-Gen., Chattanooga, Tenn.
 Closson, Henry W., Col., Washington, D. C.
 Coates, Edwin M., Col., Washington, D. C.
 Comagys, W. H., Col. (abroad).
 Conklin, J., Col., New York, N. Y.
 Cook, Henry C., Col., Fall River, Mass.
 Cooke, G. F., Col., Reno, Nev.
 Cooke, L. W., Brig.-Gen., San Francisco, Cal.
 Coolidge, Charles A., Brig.-Gen., Detroit, Mich.
 Cooney, Michael, Col., Washington, D. C.
 Cooper, Charles L., Brig.-Gen., Oak Bluffs, Mass.
 Corbuser, W. H., Lieut.-Col., New Brunswick, N. J.
 Cox, Frank M., Brig.-Gen., San Francisco, Cal.
 Craig, Robert, Lieut.-Col., Washington, D. C.
 Craigie, David J., Brig.-Gen., Washington, D. C.
 Crawford, M., Brig.-Gen., Washington, D. C.
 Crittenden, J. J., Lieut.-Col., Port Huron, Mich.
 Cronkhite, H. M., Lieut.-Col., New York, N. Y.
 Cummins, A. L., Col., Tecumseh, Mich.
- Daggett, A. S., Brig.-Gen., Peaks Is., Me.
 Darling, J. A., Lieut.-Col. (abroad).
 Davis, C. E. L. B., Brig.-Gen., Plainfield, N. J.
 Davis, C. L., Brig.-Gen., Schenectady, N. Y.
 Davis, Edward, Brig.-Gen., Honolulu, H. T.
 Davis, George B., Maj.-Gen., Washington, D. C.
 Davis, G. W., Maj.-Gen., Washington, D. C.
 Davis, J. K. M., Brig.-Gen., New London, N. H.
 Davis, W. B., Col., York Harbor, Me.
 Davis, Wirt, Col., Washington, D. C.
 Day, M. W., Col., Alameda, Cal.
 Day, Selden A., Lieut.-Col., Washington, D. C.
 Deems, C., Col., Baltimore, Md.
 Dempsey, Charles A., Col., Richmond, Va.
 Dent, J. C., Col., Chicago, Ill.
 Derby, G. McC., Lieut.-Col., New Orleans, La.
 De Russy, Isaac D., Brig.-Gen., New York, N. Y.
 Dimmick, E. D., Brig.-Gen., Washington, D. C.
 Dorst, J. H., Col., Warrenton, Va.
 Dougherty, William E., Brig.-Gen., Fruitvale, Cal.
 Duggan, W. T., Brig.-Gen., Buffalo, N. Y.
 Dunn, B. W., Lieut.-Col., New York, N. Y.
 Dunswoody, H. H. C., Brig.-Gen., Washington, D. C.
 Duvall, W. P., Maj.-Gen. (abroad).

- Eagan, Charles P., Brig.-Gen., New York, N. Y.
 Edgerly, W. S., Brig.-Gen., Bangor, Me.
 Edwards, Eaton A., Lieut.-Col., Stratford, Conn.
 Ellis, Philip H., Col., Atlantic City, N. J.
 Ennis, William, Brig.-Gen., Newport, R. I.
 Ernst, O. H., Brig.-Gen., Washington, D. C.
 Evans, W. P., Col., Decatur, Ga.
 Fechet, E. G., Lieut.-Col., Jacksonville, Fla.
 Fisk, W. L., Col. (abroad).
 Forbes, T. F., Brig.-Gen., Roxbury, Conn.
 Forsyth, George A., Lieut.-Col., Rockport, Mass.
 Forwood, Wm. H., Brig.-Gen., Washington, D. C.
 Foster, H. S., Col., North Calais, Vt.
 Fountain, Samuel W., Brig.-Gen., Devon, Pa.
 Freeman, H. B., Brig.-Gen., Labonte, Wyo.
 Fuger, Frederick, Lieut.-Col., Washington, D. C.
 Fuller, Ezra B., Lieut.-Col., Leavenworth, Kas.
 Furey, John V., Brig.-Gen., Brooklyn, N. Y.
 Gardner, Asa B., Lieut.-Col., New York, N. Y.
 Gardner, E. F., Col., Holliston, Mass.
 Gardner, J. H., Lieut.-Col., San Francisco, Cal.
 Gerlach, William, Lieut.-Col., St. Paul, Minn.
 Gibson, Horatio G., Col., Washington, D. C.
 Gibson, R. J., Pine Orchard, Conn.
 Gilbert, William W., Lieut.-Col., Rochester, N. Y.
 Gillespie, G. L., Maj.-Gen., New York, N. Y.
 Gilmore, John C., Col., Washington, D. C.
 Girard, Alfred C., Brig.-Gen., Washington, D. C.
 Girard, J. B., Col., San Antonio, Tex.
 Godfrey, E. S., Brig.-Gen., Cookstown, N. J.
 Godwin, E. A., Brig.-Gen., Washington, D. C.
 Goldaman, H. J., Lieut.-Col., Rossville, Ga.
 Goodale, G. A., Brig.-Gen., Wakefield, Mass.
 Goodin, J. A., Lieut.-Col., New York, N. Y.
 Gordon, David S., Col., Washington, D. C.
 Graham, William M., Brig.-Gen., Hopkinton, N. H.
 Greely, A. W., Maj.-Gen., Conway, N. H.
 Grimes, George S., Col., Lockport, N. Y.
 Guenther, F. L., Brig.-Gen., New York, N. Y.
 Hains, Peter C., Brig.-Gen., Washington, D. C.
 Halford, E. J., Lieut.-Col., New York, N. Y.
 Hall, Charles B., Maj.-Gen., Portland, Me.
 Hall, John D., Col., Fort Hamilton, N. Y.
 Hall, Robert H., Brig.-Gen., Chicago, Ill.
 Hamilton, W. R., Col., Milwaukee, Wis.
 Hamster, William H., Lieut.-Col., Los Angeles, Cal.
 Harbath, Thomas, Brig.-Gen. (abroad).
 Hannay, J. W., Lieut.-Col., La Jolla, Cal.
 Harbach, A. A., Brig.-Gen., Rochester, N. Y.
 Hardin, E. E., Lieut.-Col., W. New Brighton, N. Y.
 Hardin, Martin D., Brig.-Gen., Lake Forest, Ill.
 Harris, H. L., Col., New York, N. Y.
 Hartz, Wilson T., Lieut.-Col. (abroad).
 Harvey, P. E., Col., New York, N. Y.
 Haskin, W. L., Brig.-Gen., Waterford, Conn.
 Havard, V., Col., Fairfield, Conn.
 Hawkins, John P., Brig.-Gen., Indianapolis, Ind.
 Hawley, William, Lieut.-Col., Los Angeles, Cal.
 Heath, Frank, Col. (abroad).
 Hein, Otto, Lieut.-Col., Washington, D. C.
 Heilmann, C. G., Brig.-Gen., San Francisco, Cal.
 Henisee, A. G., Brig.-Gen., Los Angeles, Cal.
 Heuer, William H., Col., San Francisco, Cal.
 Heyl, Charles H., Col., Washington, D. C.
 Hickey, J. B., Brig.-Gen., New York, N. Y.
 Hobart, Charles, Lieut.-Col., Washington, D. C.
 Hobbs, Charles W., Brig.-Gen., Washington, D. C.
 Hodges, C. L., Maj.-Gen., Buffalo, N. Y.
 Hodges, H. C., Brig.-Gen., Buffalo, N. Y.
 Hoff, J. V. R., Lieut.-Col., Washington, D. C.
 Hood, Charles C., Brig.-Gen., Ridgefield, Conn.
 Hooton, Matt, Brig.-Gen., Westbrook, Me.
 Horton, Sam M., Lieut.-Col., Boston, Mass.
 Hoskins, J. D. C., Brig.-Gen., Sugar Hill, N. H.
 Howe, E. W., Lieut.-Col., New York, N. Y.
 Howe, W., Brig.-Gen., Washington, D. C.
 Hoxie, R. L., Brig.-Gen., Washington, D. C.
 Hubbard, E. W., Lieut.-Col., Tryon, N. C.
 Hubbell, Henry W., Col., Nantucket, Mass.
 Huggins, Eli, Brig.-Gen., Teralta, Cal.
 Humphrey, C. F., Brig.-Gen., Washington, D. C.
 Humphreys, H. H., Lieut.-Col., Evanston, Ill.
 Hunt, Levi P., Col., St. Louis, Mo.
 Hunter, Edward, Col., New York, N. Y.
 Hunt, George G., Col., Carlisle, Pa.
 Hyde, John McE., Brig.-Gen., Ashfield, Mass.
 Ingalls, James M., Lieut.-Col., Providence, R. I.
 Irwin, Bernard J. D., Col., Cobourg, Ont.
 Jackson, James, Lieut.-Col., Portland, Ore.
 James, William H., Col., White Bluff, Tenn.
 Jocelyn, S. P., Brig.-Gen., Burlington, Vt.
 Jones, F. B., Lieut.-Col., Provincetown, Mass.
 Jones, S. K., Lieut.-Col., Saugerties, N. Y.
 Jones, William A., Col., Fort Sheridan, Ill.
 Kauffman, A. B., Lieut.-Col., Webster Groves, Mo.
 Kell, William H., Lieut.-Col., Atlantic City, N. J.
 Kellogg, Edgar R., Brig.-Gen., Toledo, O.
 Kendall, H. M., Lieut.-Col., Washington, D. C.
 Kent, Jacob F., Brig.-Gen., Watervliet, N. Y.
 Kent, John B., Brig.-Gen., New York, N. Y.
 Kirkman, J. T., Lieut.-Col., Evansville, Ill.
 Knight, J. G. D., Brig.-Gen., Summit, N. J.
 Knox, Thomas T., Col., Soldiers' Home, Va.
 Kobbe, William A., Maj.-Gen., Pasadena, Cal.
 Kress, J. A., Brig.-Gen., St. Louis, Mo.
 Landis, J. F. R., Lieut.-Col., Ridgefield, Conn.
 Lazelle, Henry M., Col., Georgeville, Que.
 Lee, James G. C., Col., Hague, N. Y.
 Lee, Jesse M., Maj.-Gen., Greencastle, Ind.
 Lieber, G. Norman, Brig.-Gen., N. Hatley, Que.
 Lincoln, S. H., Brig.-Gen., Fern Bank, O.
 Livermore, W. R., Col., Boston, Mass.
 Lockwood, B. C., Brig.-Gen., Detroit, Mich.
 Lockwood, D. W., Col., Put-in-Bay, O.
 Lodor, Richard, Col., New York, N. Y.
 Lomia, L., Col., New Rochelle, N. Y.
 Long, Oscar F., Brig.-Gen., Piedmont, Cal.
 Lovering, L. A., Col., Claremont, N. H.
 Ludington, M. I., Maj.-Gen., Skaneateles, N. Y.
 Lydecker, G. J., Brig.-Gen., Detroit, Mich.
 Lyde, David A., Col., St. Davids, Pa.
 McCaskey, W. S., Maj.-Gen., Pacific Grove, Cal.
 McCauley, C. A. H., Col., Highland Park, Ill.
 McClellan, John, Brig.-Gen. (abroad).
 McCrea, Tully, Brig.-Gen., Sacket Harbor, N. Y.
 McGinniss, J. R., Brig.-Gen., Cleveland, O.
 McGregor, Thomas, Col., Benicia, Cal.
 MacKenzie, A., Maj.-Gen., Washington, D. C.
 McKibbin, C., Brig.-Gen., Washington, D. C.
 Macklin, James E., Brig.-Gen., Los Angeles, Cal.
 MacLaughlin, William H., Lieut.-Col., Cincinnati, O.
 McNally, V., Lieut.-Col., Washington, D. C.
 MacNutt, Ira, Col. (abroad).
 Maney, J. A., Col. (abroad).
 Mansfield, S. M., Brig.-Gen., Boston, Mass.
 Markley, Alfred C., Brig.-Gen., Radnor, Pa.
 Marshall, W. L., Brig.-Gen., Washington, D. C.
 Martin, M. C., Lieut.-Col., New York, N. Y.
 Mason, C. W., Col., Poores Knob, N. C.
 Mathey, E. G., Lieut.-Col., Denver, Col.
 Matile, L. A., Brig.-Gen., Preston Park, Pa.
 Mearns, E. A., Lieut.-Col. (abroad).
 Merriam, Henry C., Brig.-Gen., Prout's Neck, Me.
 Merrill, Abner H., Brig.-Gen., Arlington, N. Y.
 Miles, Nelson A., Lieut.-Gen., Washington, D. C.
 Miller, Crosby, P., Brig.-Gen., Washington, D. C.
 Miller, James, Brig.-Gen., Temple, N. H.
 Mills, Anson, Brig.-Gen., Washington, D. C.
 Miner, Charles W., Brig.-Gen., Columbus, O.
 Mizner, Henry R., Col., Detroit, Mich.
 Moore, Francis, Brig.-Gen., New York, N. Y.
 Mordecial, A., Brig.-Gen., Marblehead, Mass.
 Morgan, J. N., Lieut.-Col., Alton, Ill.
 Morris, C., Brig.-Gen., Portland, Me.
 Morris, E. R., Lieut.-Col., Brookline, Mass.
 Morton, Charles, Brig.-Gen., Washington, D. C.
 Moseley, E. B., Col., Los Angeles, Cal.
 Muhlenberg, J. C., Brig.-Gen., Washington, D. C.
 Murphy, John, Lieut.-Col., Portland, Ore.
 Murray, Robert, Brig.-Gen., Elk Ridge, Md.
 Myer, A. L., Brig.-Gen., New York, N. Y.
 Newcomb, W. P., Col., Pittsfield, Mass.
 Niles, L., Col., Fort Sam Houston, Tex.
 Noble, Charles H., Brig.-Gen., Indianapolis, Ind.
 Noyes, H. E., Col., Berkeley, Cal.
 O'Connell, John J., Brig.-Gen., Washington, D. C.
 O'Hara, James, Col., Berkeley, Cal.
 O'Reilly, R. M., Maj.-Gen., Oswego, N. Y.
 Osterhaus, Peter J., Brig.-Gen. (abroad).
 Ovenshine, Samuel, Brig.-Gen., Washington, D. C.
 Paddock, G. H., Lieut.-Col., Princeton, Ill.
 Page, John H., Brig.-Gen., Fort Sam Houston, Tex.
 Parker, Daingerfield, Col., Chevy Chase, Md.
 Parker, Leopold O., Lieut.-Col., Berkeley, Cal.
 Parkhurst, O. D., Col., New London, Conn.
 Partello, J. M. T., Lieut.-Col., Los Angeles, Cal.

- Patten, W. S., Col., New York, N. Y.
 Patterson, John H., Brig.-Gen., Albany, N. Y.
 Patzki, J. H., Col., Washington, D. C.
 Payson, F. L., Lieut.-Col., New York, N. Y.
 Pearson, Daniel C., Lieut.-Col., Manchester, N. H.
 Pearson, E. P., Col., Coronado Beach, Cal.
 Penney, Charles G., Brig.-Gen., Nordhoff, Cal.
 Pennington, A. C. M., Brig.-Gen., New York, N. Y.
 Pennypacker, Galusha, Col., Philadelphia, Pa.
 Perry, A. J., Brig.-Gen., Princeton, N. J.
 Phipps, Frank H., Brig.-Gen., Springfield, Mass.
 Pitcher, John, Lieut.-Col., Edgewater, Md.
 Pitman, John, Brig.-Gen., Orange, N. J.
 Pollock, O. W., Lieut.-Col., San Francisco, Cal.
 Poole, DeW. C., Lieut.-Col., Madison Wis.
 Pope, James W., Col., Denver, Col.
 Porter, J. Y., Lieut.-Col., Key West, Fla.
 Powell, J. L., Lieut.-Col., Washington, D. C.
 Pratt, E. B., Brig.-Gen., Washington, D. C.
 Pratt, R. H., Ventnor, N. J.
 Pratt, S., Brig.-Gen., Piedmont, Cal.
 Price, B. D., Brig.-Gen., Jamestown, R. I.
 Pullman, J. W., Col., Fort Monroe, Va.
 Quinby Ira., Lieut.-Col., Morris, N. Y.
 Quinn, James B., Col., New York, N. Y.
 Quinton, William, Brig.-Gen., Buffalo, N. Y.
 Rafferty, O., Lieut.-Col., Oxnard, Cal.
 Randall, George M., Brig.-Gen., Denver, Col.
 Randlett, J. F., Lieut.-Col., La Mesa, Cal.
 Rawles, J. B., Brig.-Gen., San Francisco, Cal.
 Raymond, C. W., Brig.-Gen., Highlands, N. J.
 Reade, Philip, Brig.-Gen., Lowell, Mass.
 Reed, Henry A., Brig.-Gen. (abroad).
 Rexford, W. H., Lieut.-Col., Buffalo, N. Y.
 Richmond, E. T. C., Col., Toledo, O.
 Ripley, H. L., Lieut.-Col., Fort Bliss, Tex.
 Ritzius, H. P., Lieut.-Col., Beersheba Springs, Tenn.
 Robert, H. M., Brig.-Gen., Owego, N. Y.
 Roberts, Benjamin K., Brig.-Gen., Washington, D. C.
 Roberts, C. S., Brig.-Gen., San Francisco, Cal.
 Robertson, E. B., Col., Buffalo, N. Y.
 Robinson, F. U., Brig.-Gen., New York, N. Y.
 Robinson, H. E., Col., Uniontown, Pa.
 Robinson, W. W., Jr., Brig.-Gen., Seattle, Wash.
 Rodenbaugh, T. F., Brig.-Gen., New York, N. Y.
 Rodgers, A., Col., Washington, D. C.
 Rodgers, John I., Brig.-Gen., Washington, D. C.
 Rodney, G. B., Brig.-Gen., Hollywood, Cal.
 Rogers, W. P., Brig.-Gen., Winona, Minn.
 Ruffner, E. H., Col., Cincinnati, O.
 Runkle, B. P., Lieut.-Col., Cincinnati, O.
 Russell, A. H., Col., Plymouth, Mass.
 Sanborn, W. I., Lieut.-Col., Los Angeles, Cal.
 Sanger, Joseph P., Maj.-Gen., Washington, D. C.
 Savage, E. B., Lieut.-Col. (abroad).
 Sawtelle, C. G., Brig.-Gen., Ogunquit, Me.
 Scantling, J. C., Lieut.-Col., Washington, D. C.
 Schwan, Theodore, Brig.-Gen., Washington, D. C.
 Scully, J. W., Brig.-Gen., Atlanta, Ga.
 Shaler, Charles, Brig.-Gen., Indianapolis, Ind.
 Sharp, Thomas, Lieut.-Col., Chambersburg, Pa.
 Shea, Thomas, Lieut.-Col., Louisville, Ky.
 Sheridan, M. V., Brig.-Gen., Carlisle, Pa.
 Snodlock, P., Lieut.-Col., Minneapolis, Minn.
 Slickes, Daniel E., Maj.-Gen., New York, N. Y.
 Simpson, John, Brig.-Gen., Fort Leavenworth, Kas.
 Smith, Allen, Brig.-Gen., Spokane, Wash.
 Smith, C. S., Brig.-Gen., New York, N. Y.
 Smith, Frank G., Brig.-Gen., Chevy Chase, Md.
 Smith, J. H., Brig.-Gen., Portsmouth, O.
 Smith, Rodney, Col., Lockport, N. Y.
 Sniffen, C. C., Brig.-Gen., Washington, D. C.
 Snyder, Simon, Brig.-Gen., Reading, Pa.
 Stanton, William, Brig.-Gen. (abroad).
 Stanton, W. S., Col. (abroad).
 Starr, C. G., Lieut.-Col., San Antonio, Tex.
 Stedman, Clarence A., Col., Washington, D. C.
 Sternberg, G. M., Brig.-Gen., Washington, D. C.
 Stevens, R. R., Col., El Paso, Tex.
 Stewart, W. F., Col., Washington, D. C.
 Stickney, Amos, Brig.-Gen., New York, N. Y.
 Story, John P., Maj.-Gen., Los Angeles, Cal.
 Stretch, John F., Col., Marion, Ind.
 Sumner, S. S., Maj.-Gen., S. Weymouth, Mass.
 Suter, C. R., Brig.-Gen., Newcastle, N. H.
 Sweet, Owen J., Brig.-Gen., Los Angeles, Cal.
 Swigert, S. M., Col., San Francisco, Cal.
 Swobe, Thomas, Lieut.-Col., Omaha, Neb.
 Symons, T. W., Col., Washington, D. C.
 Taylor, A. C., Brig.-Gen., San Francisco, Cal.
 Taylor, Frank, Brig.-Gen., Seattle, Wash.
 Taylor, S. W., Col., Chevy Chase, Md.
 Thomas, E. D., Brig.-Gen., Laurel, Md.
 Thompson, J. M., Brig.-Gen., Salt Lake City, Utah.
 Thompson, R. E., Col., St. Paul, Minn.
 Thorp, Frank, Brig.-Gen., Portland, Me.
 Tompkins, C. H., Col., Blue Ridge, Pa.
 Towar, A. S., Col., Detroit, Mich.
 Town, F. L., Col., Lancaster, N. H.
 True, Theodore E., Brig.-Gen., Los Angeles, Cal.
 Tucker, W. F., Col., Mount Hood, Ore.
 Turner, R. B., Col., Fort Edward, N. Y.
 Tuthery, H. B., Lieut.-Col., Concord, N. H.
 Tweedale, John, Col., Washington, D. C.
 Van Horne, William M., Col. Austin, Ill.
 Van Valzah, David D., Col., Lewistown, Pa.
 Van Voast, James, Brig.-Gen., Cincinnati, O.
 Varney, A. L., Lieut.-Col., Washington, D. C.
 Varnum, C. A., Lieut.-Col., Portland, Ore.
 Viele, Charles D., Col., Los Angeles, Cal.
 Vodge, A. W., Brig.-Gen., San Diego, Cal.
 Vroom, Peter D., Brig.-Gen., New York, N. Y.
 Wallace, W. M., Brig.-Gen., Chevy Chase, Md.
 Ward, F. K., Brig.-Gen., Seattle, Wash.
 Ward, H. C., Brig.-Gen., Wellesley, Mass.
 Ward, Thomas, Brig.-Gen., Rochester, N. Y.
 Waterbury, W. M., Lieut.-Col., Berkeley, Cal.
 Watrous, J. A., Lieut.-Col., Milwaukee, Wis.
 Watts, O. H., Col., Washington, D. C.
 Wessels, Henry W., Col., Washington, D. C.
 Weston, J. F., Maj.-Gen., New York, N. Y.
 Wheaton, L., Maj.-Gen., Chicago, Ill.
 Wheeler, J. N., Brig.-Gen., New York, N. Y.
 Wheeler, D. D., Brig.-Gen., Fredericksburg, Va.
 Wheeler, H. W., Col. (abroad).
 Wherry, William M., Brig.-Gen., Cincinnati, O.
 Whipple, W. M., Brig.-Gen., Hayward, Cal.
 Whistler, G. N., Col., Rosebank, N. Y.
 Whitall, S. R., Brig.-Gen., Gross Isle, Mich.
 Whittemore, James M., Col., New Haven, Conn.
 Wilcox, J. A., Col., Atlantic City, N. J.
 Wilcox, T. E., Brig.-Gen., Washington, D. C.
 Willard, J. H., Col., Newport, R. I.
 Williams, C. A., Col., Washington, D. C.
 Williams, C., Brig.-Gen., Schenectady, N. Y.
 Williams, J. R., Col., Washington, D. C.
 Williston, Edward B., Col., Portland, Ore.
 Wilson, Charles I., Col., New York, N. Y.
 Wilson, David B., Lieut.-Col., Sioux City, Iowa.
 Wilson, J. H., Brig.-Gen., Wilmington, Del.
 Wilson, John M., Brig.-Gen., Washington, D. C.
 Winne, C. K., Lieut.-Col., Albany, N. Y.
 Witrich, W., Lieut.-Col., Plattsburg, N. Y.
 Wolverton, W. D., Col., Pottstown, N. J.
 Wood, E. E., Brig.-Gen., West Chester, Pa.
 Wood, Henry C., Col., Farmington, Me.
 Wood, M. W., Lieut.-Col., Sunnyside, Idaho.
 Wood, Palmer G., Brig.-Gen., Beverly, Cal.
 Wood, Palmer G., Brig.-Gen., Beverly, Cal.
 Woodnall, Alfred A., Col., Princeton, N. J.
 Woodruff, Carl A., Brig.-Gen., Raleigh, N. C.
 Woodruff, C. A., Brig.-Gen., Veterans' Home, Cal.
 Woodruff, Edward C., Lieut.-Col., Mantoloking, N. J.
 Woodruff, Ezra, Lieut.-Col., Clifton Springs, N. Y.
 Woodward, C. G., Col., San Jose, Cal.
 Woodward, George A., Brig.-Gen., Washington, D. C.
 Woodward, S. L., Brig.-Gen., St. Louis, Mo.
 Wyeth, M. C., Lieut.-Col., Washington, D. C.
 Wygant, Henry, Col., Cranford, N. J.
 Yeatman, R. T., Brig.-Gen., Glendale, O.
 Young, S. B. M., Lieut.-Gen., Washington, D. C.

CENTRAL DIVISION, UNITED STATES ARMY.
 Headquarters, fifth floor federal building, Chicago.
 Commander—Brig.-Gen. R. D. Potts (temporary).
 Chief of Staff—Maj.-D. B. Devore.
 Adjutant-General—Col. H. O. S. Heistand.
 Inspector-General—(Vacancy).
 Judge-Advocate—Col. H. C. Carbaugh.
 Chief Quartermaster—Col. J. L. Clem.
 Chief Commissary—Lieut.-Col. F. F. Eastman.
 Chief Surgeon—(Vacancy).
 Chief Paymaster—Lieut.-Col. J. B. Houston.
 Chief Engineer Officer—Lieut.-Col. G. A. Zinn.
 Chief Ordnance Officer—Lieut.-Col. G. W. Burr.
 Chief Signal Officer—(Vacancy).

TABLE OF ARMY PAY.

OFFICERS IN ACTIVE SERVICE—ACT MAY 11, 1908.

Grade.	Yearly.	Pay of grade.	After 5 yrs.	After 10 yrs.	After 15 yrs.	After 20 yrs.
		M'hly.	M'hly.	M'hly.	M'hly.	M'hly.
Lieut.-gen.	\$11,000	\$916.67	.....	.....	.....	.....
Maj.-gen.	8,000	666.67	.....	.....	.....	.....
Brig.-gen.	6,000	500.00	.....	.....	.....	.....
Colonel	4,000	333.33	\$366.67	\$400.00	\$416.67	\$416.67
Lieut.-col.	2,500	291.67	320.83	350.00	375.00	375.00
Major	3,000	250.00	275.00	300.00	325.00	333.33
Captain	2,400	200.00	220.00	240.00	260.00	250.00
1st lieut.	1,800	166.67	183.33	200.00	216.67	233.33
2d lieut.	1,700	141.67	155.83	170.00	184.17	198.33

In case any officer below the grade of major required to be mounted provides himself with suitable mounts at his own expense, he shall receive

an addition to his pay of \$150 per annum if he provides one mount and \$200 per annum if he provides two mounts.

RETIRED OFFICERS—ACT MAY 11, 1908.

Grade.	Yearly.	Pay of grade.	After 5 yrs.	After 10 yrs.	After 15 yrs.	After 20 yrs.
		M'hly.	M'hly.	M'hly.	M'hly.	M'hly.
Lieut.-gen.	\$8,250	\$687.50	.....	.....	.....	.....
Maj.-gen.	6,000	500.00	.....	.....	.....	.....
Brig.-gen.	4,500	375.00	.....	.....	.....	.....
Colonel	5,000	250.00	.....	.....	.....	.....
Lieut.-col.	2,625	218.75	240.62	\$262.50	\$312.50	\$312.50
Major	2,250	187.50	206.25	225.00	243.75	250.00
Captain	1,800	150.00	165.00	180.00	195.00	210.00
1st lieut.	1,500	125.00	137.50	150.00	162.50	175.00
2d lieut.	1,275	106.25	116.87	127.50	138.12	148.75

MONTHLY PAY OF ENLISTED MEN—ACT MAY 11, 1908.

Grade.	1st.	2d.	3d.	4th.	5th.	6th.	7th.
	\$75	\$79	\$83	\$87	\$91	\$95	\$99
Master electrician, signal corps, coast artillery; chief musician.	65	69	77	77	81	85	89
Engineer, coast artillery.	50	54	58	62	66	70	74
Sergeant, first class, hospital corps.	45	49	53	57	61	65	69
First sergeant, all arms.	45	49	53	57	61	65	69
Battalion sergeant-major, field artillery, infantry; squadron sergeant major, cavalry; junior sergeant-major, coast artillery; battalion quartermaster sergeant, field artillery; master gunner, coast artillery; principal musician, bands.	40	44	48	52	56	60	64
Electrician sergeant, second class, coast artillery; sergeant engineers, ordnance, signal corps; sergeant, bands; quartermaster sergeant, engineers; drum major, bands; color sergeant, cavalry, field artillery, infantry.	36	40	44	48	52	56	60
Sergeant, cavalry, field artillery, coast artillery, infantry; sergeant, hospital corps; corporal, bands; quartermaster sergeant, cavalry, field artillery, coast artillery, infantry; stable sergeant, field artillery; cook, all arms.	30	33	36	39	42	45	48
Corporal, engineers, ordnance, signal corps, hospital corps; chief mechanic, field artillery; mechanic, coast artillery; private, bands.	24	27	30	33	36	39	42
Corporal, cavalry, field artillery, coast artillery, infantry; mechanic, field artillery; farrier, blacksmith, saddler, wagoner, cavalry; artificer, infantry.	21	24	27	30	33	36	39
Private, first class, engineers, ordnance, signal corps, hospital corps.	18	21	24	27	30	33	36
Private, hospital corps.	16	19	22	23	24	25	26
Trumpeter, cavalry; musician, infantry, field artillery, coast artillery, engineers; private, cavalry, field artillery, coast artillery, infantry, signal corps; private, second class, engineers, ordnance.	15	18	21	22	23	24	25

The rates of pay to retired enlisted men are based upon length of service and their pay at the time of retirement. Thus a private of the first class gets \$15.75 a month if he is retired after his second enlistment and \$27 a month after his seventh enlistment. A retired master signal electrician, the highest paid of enlisted men, gets from \$59.25 to \$74.25 a month.

AUTHORIZED STRENGTH OF THE ARMY.

	Major-generals.	Brigadier-generals.	Colonels.	Lieutenant-colonels.	Majors.	Captains.	First lieutenants.	Second lieutenants.	Chaplains.	Total commissioned officers.	Enlisted men.
General officers.	6	15	.....	.....	.....	.....	.....	.....	.....	21	.....
Adjutant-general's department.	1	1	5	7	10	.....	.....	.....	.....	23	.....
Inspector-general's department.	1	1	3	4	6	.....	.....	.....	.....	17	.....
Judge-advocate general's department.	1	1	2	3	4	.....	.....	.....	.....	183	.....
Quartermaster's corps.	1	2	12	8	48	102	.....	.....	.....	183	403
Medical department.	1	1	15	24	105	133	*340	.....	.....	*618	.....
Corps of engineers.	1	1	12	19	39	51	47	43	1	213	1,942
Ordnance department.	1	1	6	9	19	25	25	.....	.....	85	730
Signal corps.	1	1	1	2	6	18	18	.....	.....	46	1,212
Bureau of insular affairs.	1	1	1	1	1	.....	.....	.....	.....	3	.....
Fifteen regiments of cavalry.	.....	.....	15	15	45	225	225	15	.....	765	13,823
Six regiments of field artillery.	.....	.....	6	12	66	72	72	6	.....	262	5,417
Coast artillery corps.	1	1	14	14	42	210	210	14	.....	715	18,471
Thirty regiments of infantry.	.....	.....	30	30	90	450	450	30	1,530	30,341	.....
Porto Rico regiment of infantry.	.....	.....	.....	.....	11	10	10	1	.....	32	591
Military academy.	.....	.....	2	5	.....	.....	.....	.....	.....	7	501
Detached officers.	.....	.....	8	9	27	78	78	.....	.....	200	.....
Additional officers.	.....	.....	32	13	.....	.....	.....	.....	.....	45	.....
Recruiting parties, recruit depots and unassigned recruits.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,000
Service-school detachments.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	587
United States military prison guards.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	320
Indian scouts.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
Total regular army.	7	26	164	178	459	1,420	1,546	1,016	67	4,767	81,547
Additional force:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philippine scouts.	.....	.....	.....	.....	.....	52	64	64	.....	180	5,732
Grand total.	7	26	164	178	459	1,472	1,610	1,080	67	4,947	87,279

*Includes 113 first lieutenants of the medical reserve corps on active duty and 60 dental surgeons. †Under the act of congress approved March 1, 1887, the enlisted men of the medical department (hospital corps) are not to be counted as part of the strength of the army. The authorized strength of the hospital corps is 3,500 enlisted men.

REGULAR ARMY AND MILITIA.

Organized strength, 1907 to 1911. [From reports of the adjutant-general and the military secretary of the army.]

STATE OR TER.	1907.		1908.		1909.		1910.		1911.	
	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates
Regular army.....	3,454	54,814	3,850	67,184	4,048	74,655	4,271	70,838	4,281	73,444
Phil. scouts.....	116	4,989	116	5,278	160	5,586	163	5,386	179	5,401
MILITIA.										
Alabama.....	185	2,011	216	3,010	221	3,093	216	3,011	206	2,914
Arizona.....	25	292	33	340	43	588	56	692	59	631
Arkansas.....	135	1,227	122	1,174	129	1,327	139	1,426	127	1,258
California.....	241	2,453	193	2,082	192	2,348	205	2,789	219	3,000
Colorado.....	62	681	69	644	71	774	67	1,063	109	1,234
Connecticut.....	62	2,584	181	2,526	186	2,677	184	2,398	191	2,432
Delaware.....	41	362	39	349	40	361	42	337	40	337
Dist. of Columbia.	127	1,245	132	1,203	136	1,329	120	1,525	123	1,814
Florida.....	100	1,146	94	1,160	101	1,242	97	1,125	102	1,007
Georgia.....	263	2,482	212	2,806	239	2,794	222	2,695	222	2,396
Hawaii.....	37	888	40	452	49	557	47	561	46	507
Idaho.....	37	439	61	469	59	562	62	642	62	627
Illinois.....	462	5,648	500	5,813	530	6,165	507	5,828	521	5,774
Indiana.....	170	1,923	198	2,121	198	2,293	179	2,061	193	2,198
Iowa.....	201	2,519	202	2,455	216	2,523	218	2,984	221	2,880
Kansas.....	124	1,113	128	1,275	129	1,383	134	1,539	139	1,666
Kentucky.....	144	1,304	150	1,500	159	1,941	161	1,956	143	1,768
Louisiana.....	107	1,172	106	1,142	111	1,248	125	1,670	122	1,869
Maine.....	108	1,125	108	1,174	107	1,221	108	1,253	108	1,252
Maryland.....	114	1,709	168	1,741	157	1,911	160	1,878	152	1,662
Massachusetts.....	444	5,127	424	5,102	444	5,538	444	5,404	446	5,415
Michigan.....	188	2,324	213	2,648	204	2,578	205	2,510	207	2,489
Minnesota.....	166	1,898	196	2,612	201	2,747	204	2,545	199	2,406
Mississippi.....	117	1,078	119	1,083	127	1,325	135	1,372	125	1,316
Missouri.....	173	1,837	208	2,811	223	3,217	253	2,675	248	2,462
Montana.....	32	502	36	386	40	501	54	694	64	698
Nebraska.....	110	1,264	108	1,269	102	990	126	1,021	122	1,208
New Hampshire.....	114	1,129	125	1,443	131	1,545	92	1,184	92	1,182
New Jersey.....	349	4,144	351	3,832	369	4,116	362	3,738	367	3,716
New Mexico.....	32	226	31	243	27	181	57	887	56	793
New York.....	920	13,314	946	13,800	981	14,503	992	14,244	963	13,688
North Carolina.....	199	1,790	204	1,835	215	1,908	237	2,083	238	1,965
North Dakota.....	67	579	64	639	64	693	65	683	57	599
Ohio.....	425	5,416	446	5,099	495	5,511	505	5,095	513	5,496
Oklahoma.....	55	476	53	690	56	938	59	901	60	955
Oregon.....	73	845	101	1,343	112	1,457	104	1,415	107	1,291
Pennsylvania.....	114	9,167	708	9,345	732	9,772	738	9,683	755	9,865
Rhode Island.....	117	933	116	961	110	1,041	107	1,027	109	1,189
South Carolina.....	167	1,608	175	1,714	180	1,751	184	1,772	192	1,710
South Dakota.....	70	569	64	562	73	707	80	714	84	802
Tennessee.....	142	1,411	111	1,430	122	1,401	125	1,515	127	1,386
Texas.....	238	1,931	302	2,032	216	2,378	216	2,513	215	1,386
Utah.....	38	813	37	830	47	859	40	830	39	828
Vermont.....	61	670	63	781	63	767	62	759	67	762
Virginia.....	165	1,735	163	1,838	170	2,222	189	2,281	180	2,017
Washington.....	62	620	56	639	54	1,242	88	1,242	86	1,178
West Virginia.....	96	840	98	886	116	1,194	98	1,346	103	1,238
Wisconsin.....	192	2,712	194	2,825	198	2,898	197	2,836	198	2,809
Wyoming.....	38	818	41	439	41	408	52	598	49	592
Total.....	8,567	96,646	8,583	102,358	8,975	109,951	9,155	110,505	9,172	108,816

NAVY AND NAVAL MILITIA.

STATE OR TER.	1907.		1908.		1909.		1910.		1911.	
	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates
Navy.....	2,552	33,027	2,769	39,346	2,823	44,129	2,921	45,076	3,099	46,759
Marine corps.....	279	8,038	269	8,811	334	9,360	334	9,152	330	9,454
NAVAL MILITIA.										
California.....	46	378	49	509	49	552	50	575	53	600
Connecticut.....	22	178	22	220	22	202	22	293	23	220
Dist. of Columbia.	16	304	14	187	14	132	14	143	17	147
Florida.....	11	140	10	107	3	44	3	60	3	60
Georgia.....	54	637	50	669	51	587	49	225	44	526
Illinois.....	48	523	48	577	52	583	49	553	51	598
Indiana.....	4	64	4	60	4	65	7	125	7	108
Louisiana.....	29	202	21	272	23	272	21	272	21	183
Maryland.....	34	482	43	496	43	481	44	495	41	521
Massachusetts.....	23	253	40	356	45	295	41	299	37	291
Minnesota.....	13	121	13	162	11	123	11	123	14	201
Missouri.....	10	107	11	120	10	96	18	196	17	231
New Jersey.....	30	302	27	301	29	321	25	325	33	293
New York.....	53	698	52	741	53	767	52	768	52	789
North Carolina.....	42	300	44	343	47	317	46	300	44	320
Ohio.....	25	185	19	183	18	247	16	234	17	237
Oregon.....	8	87	8	87	7	118	8	112	11	178
Pennsylvania.....	17	179	19	212	17	209	15	185	15	178
Rhode Island.....	25	175	21	185	21	185	20	187	20	187
South Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total nav.militia	504	5,225	515	5,787	525	5,639	540	5,961	602	6,592

ARMIES AND NAVIES OF THE WORLD.

[Data chiefly from the Statesman's Year-Book and Brassey's Naval Annual for 1912.]

COUNTRY.	ARMY.		NAVY.		Total of armed forces.	Annual cost of army and navy.*
	Peace footing.	War footing.	Ships†.	Men.		
Abyssinia.....	150,000				150,000	
Afghanistan.....	60,000				60,000	
Argentina.....	21,500	175,000	27	5,000	26,500	\$10,000,000
Australian Commonwealth.....	108,715			2,101	110,826	23,875,600
Austria-Hungary.....	396,114	2,000,000	125	14,888	411,002	87,244,642
Belgium.....	46,574	180,000			46,574	11,987,088
Bolivia.....	3,153	180,000			3,153	1,192,000
Brazil.....	30,730		36	8,800	39,530	19,382,400
Bulgaria.....	57,800	235,000			57,800	7,928,400
Canada*.....	63,629				63,629	6,968,651
Chile.....	50,000		25		50,000	6,100,000
China.....	150,000		24		180,000	10,250,000
Colombia.....	5,000		11		5,000	
Costa Rica.....	9,087	50,000	2		9,087	
Cuba.....	4,523		11		4,523	
Denmark.....	10,650	50,000	26		10,650	8,346,553
Ecuador.....	7,810	100,000	4	200	8,010	
Egypt.....	17,274				17,274	4,096,100
France.....	740,000	1,300,000	551	25,500	765,500	269,187,249
Germany.....	626,732	3,260,000	338	33,500	660,252	220,553,000
Great Britain.....	735,767		597	154,000	869,767	380,412,000
Greece.....	23,600	50,000	30	4,941	28,541	6,955,845
Guatemala.....	85,535	126,110			85,535	2,283,986
Haiti.....	6,828		5		6,828	
Honduras.....	2,000	54,000			2,000	
Italy.....	291,253	2,000,000	210	30,398	321,691	100,076,142
Japan.....	225,000	800,000	176	49,049	273,049	58,558,787
Mexico.....	28,515	84,500	6	1,163	29,678	21,814,765
Montenegro.....	30,000				30,000	52,000
Nepal.....	30,000				30,000	
Netherlands.....	28,328	80,000	84	9,152	32,480	20,264,468
Nicaragua.....	4,000	40,000	10		4,000	
Norway†.....	80,000	110,000	50	1,280	81,280	51,267,160
Panama.....	300		2	50	300	
Paraguay.....	2,600		3		2,600	
Persia.....	60,000	110,000	8		60,000	
Peru.....	4,000		5		4,000	2,719,000
Portugal.....	30,000	300,000	50	6,107	36,107	13,596,339
Roumania.....	98,139	170,000	3		98,139	13,855,733
Russia.....	1,200,000	4,000,000	226	60,000	1,260,000	295,470,162
Salvador.....	16,144	85,870	1		16,144	
Santo Domingo.....	1,300		6		1,300	
Servia.....	35,605	175,000	1		35,605	6,082,000
Siam.....	26,200		1	5,000	31,200	
Spain.....	128,073	220,000	28	4,960	128,073	51,491,972
Sweden.....	79,603	485,000	90		84,463	22,564,116
Switzerland.....	211,567				211,567	8,824,711
Turkey.....	375,000	905,000	39	39,929	414,929	46,121,936
United States‡.....	83,234		312	56,213	139,447	‡129,780,265
Uruguay.....	4,000	36,000	12	660	4,660	3,580,740
Venezuela.....	9,600	60,000	6		9,600	

*Active militia. †Troops of the line. ‡In 1910. §Warships of all kinds except those absolutely worthless, including torpedo boats, submarines, guard boats, etc. ¶Figures are chiefly for 1910-1911. A few are estimates. [Appropriations for 1912.]

STATE NICKNAMES AND STATE FLOWERS.

State.	Nickname.	Flower.	State.	Nickname	Flower.
Alabama.....	Cotton state.	Goldenrod	Nevada.....	Silver state.	
Arizona.....	Sequoia state.	Sequoia cactus	New Hampshire.....	Granite state.	
Arkansas.....	Beard state.	Apple blossom	New Jersey.....	Jersey Blue state.	Sugar maple (tree)
California.....	Golden state.	Poppy	New York.....	Empire state.	
Colorado.....	Centennial state.	Columbine	North Carolina.....	Old North state.	Rose
Delaware.....	Blue Hen state.	Peach blossom	North Dakota.....	Flickertail state.	Goldenrod
Florida.....	Peninsula state.		Ohio.....	Buckeye state.	
Georgia.....	Cracker state.	Cherokee rose	Oklahoma.....		Mistletoe
Idaho.....		Syringa	Oregon.....	Beaver state.	Oregon grape
Illinois.....		*Violet	Pennsylvania.....	Keystone state.	
Indiana.....	Hoosier state.		Rhode Island.....	Little Rhody.	Violet
Iowa.....	Hawkeye state.	Wild rose	South Carolina.....	Palmetto state.	
Kansas.....	Sunflower state.	Sunflower	South Dakota.....	Swing Cat state.	
Kentucky.....	Blue Grass state.	Blue grass	Tennessee.....	Big Bend state.	
Louisiana.....	Pelican state.	Magnolia	Texas.....	Lone Star state.	Bluebonnet
Maine.....	Pine Tree state.	Pine cone	Utah.....	Lone Star state.	Seroilly
Maryland.....	Old Line state.		Vermont.....	Green Mountain state.	Red clover
Massachusetts.....	Bay state.		Virginia.....	The Old Dominion.	
Michigan.....	Wolverine state.	Apple blossom	Washington.....	Chinook state.	Rhododendron
Minnesota.....	Gopher state.	Moccasin	West Virginia.....	The Panhandle.	
Mississippi.....	Bayou state.	Magnolia	Wisconsin.....	Badger state.	
Montana.....	Stub Toe state.	Bitter root			
Missouri.....		Goldenrod			
Nebraska.....		Goldenrod			

*Officially adopted by act of legislature approved Feb. 21, 1908. The native oak tree was at the same time declared to be the native state tree of Illinois.

NOTE—Only nicknames that are well known and "state flowers" officially adopted or commonly accepted are given in the foregoing list.

COMPARATIVE STRENGTH OF NAVIES.

[Based on tables published in Brassey's Naval Annual for 1912.]

COUNTRY.	First-class battle ships.			Second-class battle ships.			First-class cruisers.			Second-class cruisers.			Third-class cruisers.		
	No.	Displacement. Tons.		No.	Displacement. Tons.		No.	Displacement. Tons.		No.	Displacement. Tons.		No.	Displacement. Tons.	
Great Britain.....	47	854,750		15	215,800		41	453,800		42	227,710		34	105,735	
Germany.....	27	566,185		10	113,085		9	93,598		14	72,345		30	98,485	
United States.....	28	511,430		9	100,067		15	186,595		3	20,030		14	48,799	
France.....	19	357,007		9	101,136		15	169,027		11	71,865		10	30,521	
Japan.....	12	214,566		4	48,628		13	138,052		7	37,705		13	43,713	
Russia.....	14	258,274		3	42,758		6	63,336		8	52,610		2	6,391	
Italy.....	12	200,938		2	19,230		7	61,210		3	17,903		15	43,616	

EFFECTIVE FIGHTING SHIPS.

CLASS.	Great Britain.			Germany.			United States.			France.			Japan.			Russia.			Italy.		
	Built.	Building.	Total.	Built.	Building.	Total.	Built.	Building.	Total.	Built.	Building.	Total.	Built.	Building.	Total.	Built.	Building.	Total.	Built.	Building.	Total.
BATTLE SHIPS.																					
Modern.....	37	10	47	17	10	27	22	6	28	12	7	19	9	3	12	7	7	14	6	6	12
Cruiser.....	4	6	10	2	4	6							4	4	8						
Older.....	15		15	10		10			9			9	4		4	3		3	2		2
Total.....	56	16	72	29	14	43	31	6	37	21	7	28	13	7	20	10	7	17	8	6	14
CRUISERS.																					
First class.....	41		41	9		9	15		15	15		15	13		13	6		6	7		7
Second class.....	33	9	42	8	6	14	3		3	11		11	4	3	7	3		3	3		3
Third class.....	32	2	34	30		30	14		14	10		10	15		15	2		2	12		12
Total.....	106	11	117	47	6	53	32		32	36		36	30	3	33	16		16	22	3	25

TORPEDO BOATS AND SUBMARINES.

Destroyers.....	179	81	260	117	12	129	36	13	49	72	13	85	59	2	61	94	9	103	28	13	41
Torpedo boats.....	58		58	47		47	32		32	185		185	45		45	24	1	25	46	32	78
Submarines.....	66	13	79	16	12	28	22	13	35	72	11	83	14	3	17	41	10	51	11	9	20

NAVAL EXPENDITURES OF CHIEF POWERS.

TOTAL EXPENDITURES.				VOTED FOR NEW CONSTRUCTION.			
	1900.	1910.	1912.		1900.	1910.	1912.
Great Britain.....	£29,998,529	£40,603,700	£44,085,400	Great Britain.....	£9,788,146	£13,279,830	£13,971,527
Germany.....	7,648,781	21,247,588	22,008,746	Germany.....	3,401,907	11,921,195	11,787,565
United States.....	13,385,574	26,515,468	25,944,798	United States.....	4,344,127	6,222,100	4,998,140
France.....	12,511,053	13,659,820	16,931,149	France.....	4,718,566	5,918,292	5,275,146
Japan.....		7,608,081	9,461,817	Japan.....		2,692,260	
Russia.....	8,662,801	10,219,766	17,447,950	Russia.....	3,149,014	1,424,013	7,616,850
Italy.....	4,903,129	6,350,987	8,675,444	Italy.....	1,156,921	2,662,406	2,400,000

ATTEMPT TO KILL COUNT TISZA.

In the lower house of the Hungarian diet June 7, 1912, Deputy Julius Kovacs fired three shots at the president, Count Tisza, without hitting him and then shot himself. Kovacs had been suspended for disorderly conduct in the course of the debate on universal suffrage and had been ejected from the chamber. Evading the police, he gained entrance to the press gallery, whence he fired the shots. The attack upon the count was the outcome of an agitation which began with his election as speaker May 22. He was an opponent of universal suffrage and on this issue his election was contested with a bitterness that culminated in violence in the chamber and bloodshed in the streets. Free fights

occurred around the voting urn, with the upshot that the opposition left the house in a body and Tisza was elected by the government party. The socialists called for a general strike in Budapest, with the result that in the next two days the city was the scene of riots, in which several persons were killed by the soldiers and police. The strikers returned to work May 25, but trouble continued in the diet. June 4 Count Tisza forced through the government's defense bills and when the next day the opposition made such an uproar that business could not be conducted the president called in the police, who expelled thirty members, including Kovacs.

COAL MINE DISASTERS.

AT M'CURTAIN, OKLA.

Through the explosion of gas in mine No. 2 of the Sans Bois Coal company at McCurtain, Okla., Wednesday morning, March 20, 1912, eighty-five men were killed and the mine was wrecked. Of 116 men at work only thirty-one escaped. Most of the day shift of miners were at work beyond the ninth level and those men who escaped were employed at special tasks above that level. The explosion occurred shortly after 9 o'clock and was of great violence, sending clouds of smoke and dust up to the surface through the mine shafts.

AT JED, W. VA.

Eighty men were killed by a gas explosion in the Jed Coal and Coke company's mine at Jed, W. Va., March 26, 1912. Only eleven men escaped alive and one of these died on reaching the surface. They had been working at the bottom of the shaft and as the cages were not damaged they were able to get out. Efforts at rescuing the others were made as soon as the gas had been partly cleared out, but all the other men were found lifeless. The mine had been inspected a few days before and pronounced safe.

The Navy of the United States.

Corrected to Nov. 1, 1912.

ACTIVE LIST.

ADMIRAL.

George Dewey, president general board.

REAR-ADMIRALS.

Joseph B. Murdock, member general board.
Hugo Osterhaus, commanding U. S. Atlantic fleet.
Charles E. Vreeland, aid for inspections.
Aaron Ward, supervisor New York harbor.
William H. H. Sutherland, commanding U. S. Pacific fleet.

Albert Mertz, governor naval home.
Vincendon L. Cottman, commanding navy yard, Puget sound.

Thomas B. Howard, president examining and retiring boards.

Walter C. Cowles, commandant naval station, Hawaii.

Austin M. Knight, commanding U. S. Atlantic reserve fleet.

Charles J. Badger, aid for inspections.

Reginald F. Nicholson,* commanding U. S. Asiatic fleet.

Charles B. T. Moore, commandant naval station, Olongapo, P. I.

Alfred Reynolds, commanding U. S. Pacific reserve fleet.

Bradley A. Flske, commanding 1st division U. S. Atlantic fleet.

George B. Ransom, inspector of machinery.

John R. Edwards, president board of inspection for shore stations.

James H. Helm, commandant navy yard, Charleston.

Albert R. Willits, director of navy yards.

Cameron McR. Winslow, commanding 3d division U. S. Atlantic fleet.

Nathaniel R. Usher, commanding 2d division U. S. Atlantic fleet.

Frank F. Fletcher, commanding 4th division U. S. Atlantic fleet.

Robert M. Doyle, commandant navy yard, Norfolk.

Frank E. Beatty, commandant navy yard, Washington.

CAPTAINS.

Wythe M. Parks, member examining and retiring boards.

Frank H. Bailey, inspector of machinery.

William B. Caperton, commandant naval station, Narragansett bay.

George S. Willits, inspector of machinery.

Walter F. Worthington, inspector of machinery.

William N. Little, inspector of machinery.

Templin M. Potts, aid for personnel.

Clifford J. Boush, naval examining and retiring boards.

Henry T. Mayo, commandant navy yard, Mare Island.

Charles C. Rogers, commandant navy yard, Portsmouth.

Benjamin Tappan, supervisor naval auxiliaries.

Charles F. Pond, commandant 12th naval district.

Walter McLean, member examining and retiring boards.

Washington I. Chambers, navy department.

Charles A. Cove, commandant naval training station, San Francisco.

DeWitt Coffman, commandant navy yard, Boston.

Reynold T. Hall, inspector of machinery.

William F. Fullam, commandant naval station, great lakes.

Albert G. Winterhalter, aid for material.

Augustus F. Fechteler, president board of inspection for ships.

Albert Gleeves, commandant navy yard, New York.

Herbert O. Dunn, navy department.

Albert W. Grant, commandant navy yard, Philadelphia.

William S. Benson, commanding Utah.

Thomas S. Rogers, chief intelligence officer.

John G. Quinby, commanding Franklin.

James H. Glennon, special duty, navy department.

William R. Rush, commanding receiving ship at New York.

Harry S. Knapp, waiting orders.

William L. Rodgers, president naval war college.

Harry McL. P. Huse, navy yard, Philadelphia.

Ray C. Smith, commanding Arkansas.

George W. McElroy, inspection duty.

Robert S. Griffin, assistant to bureau of steam engineering.

Frank W. Bartlett, navy yard, Portsmouth.

George R. Clark, commanding Minnesota.

George E. Burd, navy yard, New York.

James H. Oliver, commanding New Hampshire.

John J. Knapp, commanding Connecticut.

John Hood, waiting orders.

Edward E. Hayden, special duty.

Benjamin C. Bryan, navy yard, Philadelphia.

Clarence A. Carr, inspector of machinery.

William A. Gill, commanding Colorado.

Harold P. Norton, navy department.

Frank M. Bennett, commanding South Dakota.

John H. Gibbons, superintendent naval academy.

Thomas Snowden, commanding South Carolina.

Frank W. Kellogg, commanding New Jersey.

Charles C. Marsh, navy department.

Albert P. Niblack, naval attache, Berlin, The Hague.

Edward Simpson, navy department.

Thomas W. Kincaid, naval academy.

William S. Sims, naval war college.

Louis S. Van Duzer, navy yard, New York.

William J. Maxwell, commanding Florida.

William S. Smith, board of inspection and survey.

Hugh Rodman, commanding Delaware.

John A. Hoogwerf, commanding Kansas.

Edward A. Capehart, commanding Michigan.

Henry B. Wilson, commanding North Dakota.

Gustav Kaemmerlin, inspector of machinery.

Kenneth McAlpine, inspector of machinery.

Emil Thiess, board of inspection and survey.

Spencer S. Wood, general board.

William B. Fletcher, naval war college.

Marbury Johnston, commanding Georgia.

Edward A. Anderson, navy yard, Philadelphia.

Joseph L. Jayne, superintendent navy observatory.

William L. Howard, navy yard, Philadelphia.

Robert B. Higgins, inspector of machinery.

John C. Leonard, navy yard, Portsmouth.

John M. Elliott, commanding Maryland.

Charles W. Dyson, bureau of steam engineering.

Frederick C. Chapin, commanding Wyoming.

Alexander S. Halstead, commanding California.

Harry A. Field, commanding Tennessee.

Charles M. Knepper, naval war college.

Clarence S. Williams, board of inspection and survey.

Frank K. Hill, chief of staff U. S. Atlantic fleet.

Roger Welles, commanding Louisiana.

John D. McDonald, commanding Virginia.

Hillary P. Jones, commanding Rhode Island.

William R. Shoemaker, member general board.

Charles P. Plunkett, recruiting duty, Boston.

Volney O. Chase, naval war college.

George W. Kline, commandant naval station, Guantanamo.

Joseph Strauss, commanding Ohio.

Robert L. Russell, judge advocate general of the navy.

Harrison A. Bispham, waiting orders.

George R. Evans, board of inspection for shore stations.

Edward W. Eberle, commanding Atlantic torpedo fleet.

Charles M. McCormick, inspector 11th lighthouse district.

William W. Gilmer, recruiting duty, Philadelphia.

Robert E. Coontz, governor Guam.

*Rank of rear-admiral while chief of bureau.

COMMANDERS.

William H. G. Bullard, special duty.

Webster A. Edgar, naval war college.

Joseph W. Oman, commanding Maine.

Philip Andrews,* chief of bureau of navigation.

George P. Cooper, hydrographer.

Josiah S. McKean, naval war college.

Benton C. Decker, naval war college.

Mark L. Bristol, commanding Albany.
 Newton A. McCully, commanding Mayflower.
 George W. Logan, naval academy.
 Henry F. Bryan, office naval intelligence.
 Andrew T. Long, commanding Des Moines.
 Edward H. Durell, commanding Tacoma.
 Archibald H. Scales, commanding Prairie.
 Victor Blue, general board.
 Charles M. Stone, navy department.
 Thomas Washington, commanding Denver.
 Archibald H. Davis, commanding ships of naval academy.
 Guy H. Burrage, naval academy.
 Ashley E. Robertson, navy yard, Puget sound.
 Carlo B. Brittain, board of inspections for ships.
 Casey B. Morgan, commanding Missouri.
 William M. Crosse, commanding naval station Tutuila.
 John F. Hubbard, commanding Wilmington.
 Lloyd H. Chandler, commanding Illinois.
 George N. Hayward, commanding Hannibal.
 Samuel S. Robinson, commanding Cincinnati.
 Charles F. Hughes, special duty, navy department.
 Albert L. Norton, bureau of ordnance.
 Edward L. Beach, navy yard, Boston.
 Herman O. Stickney, naval academy.
 Henry A. Wiley, commanding Saratoga.
 Frederic B. Bassett, Jr., Utah.
 Richard H. Jackson, returning from Asiatic station.
 Arthur B. Hoff, naval academy.
 Nathan C. Twining,* chief bureau of ordnance.
 Benjamin F. Hutchinson, commanding Wheeling.
 Thomas P. Magruder, Asiatic station.
 Sumner E. W. Kittelle, navy yard, Boston.
 William V. Pratt, naval war college.
 Louis M. Nulton, naval academy.
 George R. Marvell, commanding Helena.
 John B. Patton, navy yard, Norfolk.
 William D. McDougall, commanding Nashville.
 George B. Bradshaw, commanding receiving ship, Puget sound.
 Cleland N. Offley, navy yard, Puget sound.
 Louis R. de Steigner, commanding Panther.
 William W. Phelps, commanding Iowa.
 Louis A. Kaiser, commanding Montgomery.
 William C. Cole, naval academy.
 Philip Williams, commanding Tallahassee.
 Warren J. Terhune, commanding Annapolis.
 George G. Mitchell, commanding Paducah.
 Cleland Davis, sick leave.
 William K. Harrison, commanding San Francisco.
 Frank H. Schofield, naval war college.
 Urban T. Holmes, Louisiana.
 Jehu V. Chase, commanding Monterey.
 Henry J. Ziegemeier, general board.
 George W. Williams, in charge torpedo station, Newport.
 Claude B. Price, commanding Kentucky.
 Montgomery W. Taylor, navy yard, New York.
 Carl T. Vogelgesang, Wyoming.
 Charles B. McVay, Jr., chief of staff U. S. Asiatic fleet.
 John H. Dayton, commanding naval training station, Newport.
 Lucius A. Bostwick, South Carolina.
 William A. Moffett, Arkansas.
 Julian A. Latimer, Vermont.
 Douglas E. Dismukes, waiting orders.
 Reginald R. Belknap, assistant to bureau of navigation.
 DeWitt Blamer, commanding Buffalo.
 John K. Robison, commanding Dixie.
 Arthur L. Willard, navy yard, Washington.
 Edwin T. Pollock, commanding Kearsarge.
 Clark D. Stearns, Ohio.
 Henry C. Kuenzli, navy yard, Puget sound.
 Henry H. Hough, naval attaché, Paris and St. Petersburg.
 Milton E. Reed, Kansas.
 Harley H. Christy, naval academy.
 Noble E. Irwin, navy yard, Charleston.
 Waldo Evans, Virginia.
 Thomas J. Senn, board of inspection and survey.
 Jay H. Sypher, Florida.
 Bion B. Bierer, Minnesota.
 Charles F. Preston, commanding Alabama.
 Richard H. Leigh, navy department.
 Adelbert Althouse, Michigan.

William D. Brotherton, navy yard, Boston.
 James F. Carter, navy yard, New York.
 George W. Laws, commanding Dolphin.
 George C. Day, recruiting duty, New York.
 Luke McNamee, inspection duty.
 Frederick L. Sawyer, inspector of ordnance.
 Charles L. Hussey, Georgia.
 John R. Y. Blakely, bureau of navigation.
 Leon S. Thompson, sick leave.
 Frank A. Traut, California.
 John F. Hines, North Carolina.
 Robert K. Crank, treatment hospital.
 Stanford E. Moses, navy yard, Norfolk.
 Powers Symington, naval attaché, London.
 Yates Stirling, Jr., naval war college.
 Raymond D. Hasbrouck, bureau of ordnance.
 Joel R. P. Pringle, Nebraska.
 Benjamin B. McCormick, Maryland.
 Edw. S. Kellogg, naval war college.
 David V. H. Allen, South Dakota.
 Frank H. Clark, Jr., assistant to bureau of ordnance.
 Eugene L. Bisset, commanding Vicksburg.
 Edward H. Campbell, North Dakota.
 Walter S. Crosby, general board.
 Charles J. Lang, commanding Pittsburgh.
 Henry B. Price, Delaware.
 Martin E. Trench, bureau of navigation.
 Thomas S. Wilson, Colorado.
 Henry A. Pearson, Maryland.
 Orton P. Jackson, bureau of ordnance.
 *With rank of rear-admiral.

LIEUTENANT-COMMANDERS.

Francis L. Chadwick, New Hampshire.
 John S. Doddridge, waiting orders.
 Percy N. Olmsted, recruiting duty, Indianapolis.
 John R. Brady, New Jersey.
 Allen M. Cook, Idaho.
 Christopher C. Fewell, naval magazine, Fort Mifflin.
 Frank B. Upham, naval attaché, Pekin.
 Andre M. Proctor, Connecticut.
 John L. Sticht, Washington.
 Richard S. Douglas, California.
 Emmet R. Pollock, office judge advocate general.
 John P. J. Ryan, navy yard, New York.
 Chester Wells, navy yard, Washington.
 Irvin V. G. Gillis, assistant naval attaché, Pekin.
 Ridley McLean, Florida.
 Raymond Stone, navy yard, Portsmouth.
 David F. Sellers, Panama Pacific exposition.
 John T. Tompkins, Minnesota.
 Provost Babin, naval magazine, Philippine islands.
 Simon P. Fullinwider, Wyoming.
 Stephen V. Graham, Rhode Island.
 Alfred W. Hinds, naval station, Guam.
 Ernest L. Bennett, bureau of steam engineering.
 William P. Scott, Massachusetts.
 Joseph M. Reeves, coal depot, Tiburon, Cal.
 Roscoe C. Moody, bureau of steam engineering.
 Frank Lyon, Kansas.
 John McC. Luby, waiting orders.
 Arthur G. Cavanagh, Connecticut.
 Hutch I. Cone,* engineer-in-chief, chief of bureau of steam engineering.
 Roscoe C. Bulmer, naval academy.
 Gilbert S. Galbraith, inspection duty, bureau of ordnance.
 Robert W. McNeely, naval attaché, Buenos Aires.
 Walter S. Turpin, Delaware.
 William S. Whitted, South Carolina.
 George E. Gelm, Virginia.
 Edwin H. Delaney, commanding Jenkens.
 Frank H. Brumby, navy yard, Norfolk.
 James P. Morton, charge school of marine engineering.
 Frank P. Baldwin, Arkansas.
 George L. Porter Stone, Franklin.
 Harris Laning, naval academy.
 Franklin D. Karns, Atlantic reserve fleet (fleet engineer).
 David W. Todd, bureau of steam engineering.
 John V. Klemann, North Dakota.
 Henry V. Butler, Utah.
 Walter R. Gherardi, Delaware.
 James J. Raby, commanding supply.
 Frederic N. Freeman, Connecticut.
 William H. Standley, navy yard, Mare island.

Kenneth M. Bennett, navy yard, New York.
 Edward H. Watson, commanding Celtic.
 Rufus Z. Johnston, Jr., New Hampshire.
 Thomas D. Parker, inspection duty.
 Jonas H. Holden, proving grounds, Indian Head, Md.
 Thomas T. Craven, director of target practice.
 Daniel W. Wurtsbaugh, Rainbow.
 Ralph Earle, naval academy.
 Gatewood S. Lincoln, navy yard, Mare Island.
 Ivan C. Wettengel, Arkansas.
 Charles M. Tozer, naval academy.
 Wat T. Cluverius, navy yard, New York.
 Duncan M. Wood, magazine, St. Julien's creek.
 Leigh C. Palmer, aid to secretary of the navy.
 Albert W. Marshall, inspection duty.
 Thomas A. Kearney, navy department.
 Arthur MacArthur, Jr., general board.
 Frank E. Ridgely, hydrographic office.
 Dudley W. Knox, naval war college.
 Mark St. C. Ellis, navy yard, Mare Island.
 Edward McCauley, Jr., naval observatory.
 William L. Littlefield, commanding Henley.
 Earl P. Jessop, Arkansas.
 Henry C. Mustlin, navy yard, Philadelphia.
 Pope Washington, Georgia.
 Roland I. Curtin, naval academy.
 Arthur Crenshaw, Nebraska.
 Amon Bronson, naval academy.
 Henry E. Yarnell, Connecticut (fleet engineer).
 Harlan P. Perrill, New Jersey.
 David E. Theelen, navy yard, Washington.
 Arthur J. Hepburn, bureau of steam engineering.
 Neeham L. Jones, navy department.
 Thomas C. Hart, torpedo station, Newport.
 William R. White, Utah.
 William H. Reynolds, bureau of steam engineering.
 Cyrus R. Miller, navy yard, New York.
 Orin G. Murfin, naval magazine, Hingham, Mass.
 Leonard R. Sargent, aid to the admiral of the navy.
 Luther M. Overstreet, bureau of ordnance.
 Victor S. Houston, naval station, Olongapo.
 David F. Boyd, bureau of steam engineering.
 Gilbert Chase, Vermont.
 Louis C. Richardson, navy yard, New York.
 Walton R. Sexton, Connecticut (fleet).
 Walter M. Falconer, receiving ship, Philadelphia.
 Henry N. Jensen, Pennsylvania.
 William D. Leahy, California.
 Andrew T. Graham, inspection duty.
 Arthur St. C. Smith, naval academy.
 Willis McDowell, waiting orders.
 Austin Kautz, office of naval intelligence.
 Charles T. Owens, naval observatory.
 Hilary Williams, West Virginia.
 William C. Asserson, naval academy.
 Clarence S. Kempff, navy yard, Mare Island.
 Irwin F. Landis, sick leave.
 John Halligan, bureau of steam engineering.
 William C. Watts, navy department.
 George L. Smith, Connecticut (fleet).
 Wilbur C. Briggs, Montana.
 Charles P. Burt, inspection duty.
 Fletcher L. Sheffield, Virginia.
 Lyman A. Cotten, naval attaché, Tokyo and Peking.
 Edward Woods, Cleveland.
 Louis Shane, inspector of machinery.
 Alexander N. Mitchell, Rainbow.
 Frank L. Pinney, navy yard, Washington.
 William P. Cronan, commanding Janet.
 Zeno E. Briggs, navy yard, Puget sound.
 William T. Tarrant, Michigan.
 Walter B. Tardy, navy yard, New York.
 William B. Wells, Georgia.
 Henry C. Dinger, Utah.
 Clarence A. Abele, Chester.
 Thomas L. Johnson, Louisiana.
 Xanxey S. Williams, navy yard, Boston.
 Edward T. Consten, Vermont.
 George T. Pettengill, Utah.
 George C. Sweet, sick leave.
 Ulysses S. Macy, Kansas.
 David C. Hanrahan, navy yard, Philadelphia.
 John S. Graham, Idaho.
 Charles C. Nelson, commanding Mayrant.
 Walter G. Roper, Florida.
 Herbert G. Sparrow, North Dakota.
 Allen Buchanan, naval academy.
 Edward B. Fenner, naval academy.

Richard D. White, naval attaché, Rome and Vienna.
 Victor A. Kimberly, Saratoga.
 Paul B. Dungan, Saratoga (fleet).
 Joseph K. Taussig, bureau of navigation.
 Claude C. Black, Delaware.
 Henry E. Lackey, navy yard, Norfolk.
 Hilary H. Royall, Michigan.
 Edward C. Kalbfus, navy department.
 Clark H. Woodward, commanding 2d torpedo flotilla.
 William S. Miller, navy yard, New York.
 Cyrus W. Cole, commanding Asiatic torpedo flotilla.
 Lloyd S. Shapley, naval magazine, Mare Island.
 Samuel T. M. Major, California.
 William R. Sayles, Jr., New Jersey.
 John W. Greenslade, Michigan.
 Charles E. Courtney, bureau of steam engineering.
 Adolphus E. Watson, office of naval intelligence.
 Charles H. Fischer, Indiana.
 Harry L. Brinser, Wyoming.
 James H. Tomb, North Dakota.
 Farmer Morrison, New Hampshire.
 Frederick J. Horne, New Hampshire.
 Edgar B. Larimer, Nebraska.
 Alfred W. Johnson, naval attaché, Santiago, Chile.
 Walter M. Hunt, navy yard, Philadelphia.
 James B. Gillmer, returning from Asiatic station.
 Chauncey Shackford, Tennessee (staff).
 Ralph E. Pope, Maryland.
 Zachariah H. Madison, Florida.
 Henry B. Soule, commanding Albatross.
 Francis Martin, branch hydrographic office, Philadelphia.
 Charles P. Snyder, naval academy.
 Carleton R. Kear, Monadnock.
 Joseph R. Defrees, Mississippi.
 Willis G. Mitchell, navy yard, Charleston.
 Kenneth G. Castleman, naval academy.
 John J. Hyland, navy yard, Philadelphia.
 Samuel W. Bryant, Nebraska.
 Frank T. Evans, commanding Monahan.
 Edward S. Jackson, Wyoming.
 William F. Bricker, office of naval intelligence.
 Henry L. Wyman, bureau of steam engineering.
 Daniel P. Mammix, inspector of machinery.
 Arthur B. Keating, navy yard, Philadelphia.
 Charles T. Wade, Colorado.
 Roe W. Vincent, South Dakota.
 Hollis T. Winston, California.
 Frederick B. Nalle, inspection duty.
 Emil P. Svarz, Albany.
 Wilbert Smith, naval training station, great lakes.
 James C. Kress, Virginia.
 Julius F. Hellweg, inspection duty.
 Sinclair Gannon, commanding Elcano.
 Robert Morris, Kansas.
 John D. Wainwright, navy yard, Portsmouth.
 Harry K. Cage, naval training station, Newport.
 George W. Steele, Jr., California.
 Stafford H. R. Doyle, commanding Paulding.
 William K. Riddle, Rhode Island.
 William N. Jeffers, commanding Fanning.
 John W. Timmons, bureau of ordnance.
 John G. Church, naval academy.
 Charles S. Freeman, San Francisco.
 Robert L. Berry, naval academy.
 Herbert C. Cocke, navy yard, New York.
 Robert A. Abernathy, waiting orders.
 Ward K. Wortman, navy yard, Philadelphia.
 Hayne Ellis, recruiting duty, Kansas City.
 Frank D. Berrien, commanding Trippe.
 James H. Comfort, South Carolina.
 Paul Foley, general board.
 John T. Bowers, Kentucky.
 *With rank of rear-admiral.

MEDICAL CORPS.

MEDICAL DIRECTORS.

Rank of captain.

Remus C. Persons, naval hospital, naval home.
 David N. Bertolette, examining board, Washington.
 Lucien G. Henneberger, naval retiring board.
 Edward H. Green, recruiting duty, New York, N. Y.
 Frank Anderson, president examining board.
 Phillips A. Lovering, naval hospital, Mare Island.
 William R. Du Bose, examining board.
 Charles T. Hibbett, hospital, Norfolk.
 James C. Byrnes, naval hospital, New York.
 James D. Catewood, president examining board.

Oliver Diehl, recruiting duty, Philadelphia.
 Philip Leach, naval hospital, Las Animas.
 Lloyd W. Curtis, recruiting duty, Boston.
 Francis S. Nash, recruiting duty, Philadelphia.
 Oliver D. Norton, recruiting duty, San Francisco.
 Francis W. F. Wieber, navy yard, Boston.
 Andrew R. Wentworth, navy yard, New York.

MEDICAL INSPECTORS.

Rank of commander.

Thomas A. Berryhill, medical supply depot, New York.
 Eugene P. Stone, marine recruiting duty, Denver.
 James G. Field, naval training station, great lakes.
 George Pickrell, hospital, naval academy.
 Albert M. D. McCormick, naval academy.
 George B. Wilson, naval hospital, Boston.
 Charles F. Stokes, chief bureau of medicine and surgery.
 Edward B. Stitt, naval medical school.
 Manly F. Gates, Solace.
 Charles H. T. Lowndes, Asiatic fleet surgeon.
 George H. Barber, marine recruiting duty, Boston.
 Rand P. Crandall, Franklin.
 George T. Smith, naval station, Hawaii.
 George A. Lung, receiving ship at Boston.
 Luther L. von Wedekind, recruiting duty, Chicago.
 Edwin S. Bogert, recruiting duty, Buffalo.

SURGEONS.

Rank of lieutenant-commander.

Leckinski W. Sprattling, navy yard, Washington.
 Robert M. Kennedy, naval dispensary, Washington.
 Norman J. Blackwood, naval hospital, Cavite.
 William C. Braisted, Atlantic fleet surgeon.
 Sheldon G. Evans, naval medical school.
 Adrian R. Alfred, navy yard, Norfolk.
 Charles M. De Valin, Pacific fleet surgeon.
 Carl DeW. Brownell, naval hospital, Portsmouth.
 Henry D. Wilson, sick leave.
 Lewis Morris, marine recruiting duty, New York.
 Edward M. Shipp, naval hospital, Yokohama.
 Charles E. Riggs, Louisiana.
 James F. Leys, naval training, Newport.
 Frank C. Cook, navy yard, Puget sound.
 Ammen Parenholt, naval training station, San Francisco.
 Charles P. Kindelberger, naval station, Guam.
 Arthur W. Dunbar, naval hospital, Washington.
 Theodore W. Richards, assistant to bureau of medicine and surgery.
 Moulton K. Johnson, torpedo station.
 William M. Wheeler, marine barracks, Norfolk.
 Middleton S. Elliott, Florida.
 Frank L. Pleadwell, North Dakota.
 Dudley N. Carpenter, Tennessee.
 James C. Pryor, naval medical school.
 Washington B. Grove, Arkansas.
 Raymond Spear, naval medical school hospital.
 Edgar Thompson, Albatross.
 James B. Dennis, navy yard, Philadelphia.
 Eugene J. Grow, Solace.
 Cary D. Langhorne, marine barracks, Washington.
 Joseph C. Thompson, naval station, Guantanamo.
 Frederick L. Benton, New Hampshire.
 Will M. Garton, naval hospital, Norfolk.
 Frank E. McCullough, bureau of medicine and surgery.
 Francis M. Furlong, sick leave.
 Ralph T. Orvis, Alabama.
 Granville L. Angeny, Delaware.
 William H. Bell, isthmian canal commission.
 Holton C. Curl, navy yard, Mare Island.
 Richard C. Holcomb, naval medical school.
 Edward G. Parker, naval academy.
 Barton L. Wright, Georgia.
 Henry E. Odell, navy yard, Mare Island.
 James S. Taylor, naval training station, great lakes.
 Joseph A. Murphy, naval training station, Newport.
 John T. Kennedy, receiving ship at New York.
 Karl Olmesorg, hospital, Philadelphia.
 Charles N. Fiske, Utah.
 Ralph W. Plummer, recruiting duty, Detroit.
 John J. Snyder, naval dispensary, Washington.
 Edward M. Blackwell, receiving ship, Philadelphia.
 George F. Freeman, naval dispensary, Washington.
 Fred M. Bogan, navy yard, Portsmouth.
 Robert E. Ledbetter, hospital, Washington.
 Charles St. J. Butler, naval station, Cavite.

Richard B. Williams, naval hospital, New York.
 Samuel S. Rodman, Minnesota.
 John M. Brister, South Carolina.
 Herbert O. Shifert, naval academy.
 Allen E. Peck, returning from naval station, Cavite.
 Charles G. Smith, Michigan.
 John H. Iden, Connecticut.
 William Seaman, Rhode Island.
 Royall R. Richardson, Virginia.
 Frederick A. Asserson, naval hospital, Boston.
 Henry A. Dunn, Solace.
 Allan Stuart, Vermont.
 Jacob Stepp, Missouri.
 Herbert M. Tolfeer, navy yard, Norfolk.
 Louis W. Bishop, New Jersey.
 Archibald M. Fauntleroy, Solace.
 Ulys R. Webb, naval station, Olongapo.
 Charles M. Oman, Wyoming.
 Robert A. Bachmann, hospital naval station, Newport.
 Howard F. Strine, navy yard, Norfolk.
 Robert E. Hoyt, marine expedition, Nicaragua.
 Joseph P. Trynorr, Dolphin.
 John F. Murphy, Idaho.
 Jesse W. Bachus, Pacific reserve fleet.
 James H. Holloway, hospital, Las Animas.
 John L. Neilson, bureau of medicine and surgery.
 Frederick W. S. Dean, navy yard, New York.
 Clarence F. Ely, navy proving ground.
 James R. Dykes, South Dakota.

PAY CORPS.

PAY DIRECTORS.

With rank of captain.

John N. Speel, special duty, navy department.
 Reah Frazer, navy pay office, New York, N. Y.
 William W. Galt, navy pay office, Norfolk.
 John R. Martin, navy pay office, Washington.
 Charles M. Ray, navy yard, Mare Island.
 Mitchell C. McDonald, hospital, Yokohama, Japan.
 Lucile C. Kerr, navy pay office, Newport.
 Richard T. M. Ball, navy pay office, Baltimore.
 Charles S. Williams, navy pay office, Boston.
 Thomas J. Cowie, paymaster-general of the navy.
 John S. Carpenter, navy yard, Boston.
 Livingston Hunt, navy pay office, Washington, D. C.
 Samuel L. Heap, navy pay office, Washington.
 Thomas S. Jewett, navy yard, Philadelphia.

PAY INSPECTORS.

With rank of commander.

Frank T. Arms, navy yard, Portsmouth.
 Thomas H. Hicks, Pacific fleet, California.
 Ziba W. Reynolds, navy pay office, San Francisco.
 Eugene D. Ryan, navy yard, New York.
 Samuel McGowan, navy pay office, Philadelphia.
 Henry A. Dent, navy yard, Portsmouth.
 William J. Little, general inspector pay corps.
 Martin McM. Ramsey, naval academy.
 Joseph J. Cheatham, assistant to bureau of supplies and accounts.
 Barron P. DuBois, Asiatic fleet paymaster.
 Harry E. Briscoe, navy yard, Washington.
 George G. Seibels, Pacific fleet.
 Edmund W. Bonaffon, Atlantic fleet, Connecticut.
 Joseph Fyfe, navy yard, Mare Island.
 John H. Merriam, navy yard, Washington.

PAYMASTERS.

With rank of lieutenant-commander.

Timothy S. O'Leary, naval war college.
 George Brown, Jr., navy yard, Puget sound.
 Walter B. Izard, waiting orders.
 David Potter, navy pay office, Manila.
 Samuel Bryan, naval academy.
 Arthur F. Huntington, navy yard, New York.
 Charles Conard, Wyoming.
 William T. Gray, navy yard, Boston.
 George P. Dyer, Pennsylvania.
 John M. Morse, torpedo station, Newport.
 Robert H. Woods, navy pay office, Portsmouth.
 Robert H. Orr, navy yard, Philadelphia.
 William A. Merritt, navy yard, Washington.
 John Irwin, navy pay office, Seattle.
 Webb V. H. Rose, training station, great lakes.
 Charles Morris, Jr., bureau of supplies and accounts.
 Frederick K. Perkins, training station, San Francisco.
 George C. Schafer, Montana.

Theodore J. Arms, receiving ship at New York.
 George R. Venable, Delaware.
 George M. Stackhouse, sick leave.
 Gray Skipwith, Intrepid.
 Trevor W. Leutze, bureau of supplies and accounts.
 McGill R. Goldsborough, navy yard, Philadelphia.
 William H. Doherty, Arkansas.
 David D. Chadwick, navy yard, Norfolk.
 Eugene C. Tobey, Maryland.
 Jonathan Brooks, navy yard, New York.
 Eugene F. Hall, navy yard, Washington.
 Franklin P. Sackett, navy yard, New York.
 David M. Addison, bureau of supplies and accounts.
 Victor S. Jackson, naval station, Olongapo.
 John R. Sanford, Florida.
 Herbert E. Stevens, naval station, Hawaii.
 Charles D. O'Leary, navy yard, Washington.
 Charles W. Ellason, naval station, Cavite.
 Cuthbert J. Cleborne, navy yard, Norfolk.
 John D. Bobnett, bureau of supplies and accounts.
 George W. Pigman, Jr., Minnesota.
 Ray Spear, navy yard, Norfolk.
 Christian J. Peoples, Utah.
 Thomas D. Harris, training station, great lakes.
 John F. Hatch, navy yard, New York.
 Frederick G. Pyne, bureau of supplies and accounts.
 Frederick B. Colby, waiting orders.
 Edward E. Goodhue, receiving ship at Boston.
 William R. Bowne, North Dakota.
 Rishworth Nicholson, navy yard, Puget sound.
 Edward T. Hoopes, navy yard, New York.
 Cecil S. Baker, navy yard, Mare island.
 Donald W. Nesbit, bureau of supplies and accounts.
 John S. Higgins, bureau of supplies and accounts.
 Ignatius T. Hagner, Nebraska.

With rank of Lieutenant.

George P. Auld, Washington.
 James S. Beecher, leave.
 Henry A. Wise, Jr., Franklin.
 Henry de F. Mel, navy yard, Puget sound.
 John A. B. Smith, Connecticut.
 Felix R. Holt, navy yard, Norfolk.
 Emmett C. Gudge, navy yard, Philadelphia.
 Stewart E. Barber, naval station, Guantanamo.
 Howard D. Lemar, Michigan.
 Ervin A. McMillan, Wilmington.
 Eugene A. Tricon, navy yard, Puget sound.
 William C. Fite, bureau of supplies and accounts.
 David C. Crowell, waiting orders.
 James A. Bull, receiving ship at Philadelphia.
 Frank T. Watrous, navy yard, New York.
 Edward S. Stalnaker, Rhode Island.
 Chester G. Mayo, navy yard, Boston.
 James F. Kutz, navy yard, Mare island.
 Alvin Hovey-King, Virginia.
 John R. Hornberger, navy yard, Mare island.
 Noel W. Grant, navy yard, New York.
 David G. McRitchie, navy yard, Norfolk.
 Philip J. Willett, navy yard, Mare island.
 Ben D. McGee, Atlantic reserve fleet.
 Neal B. Farwell, Charleston.
 Reginald Spear, navy yard, Philadelphia.
 Elijah H. Cope, settling accounts.
 Brainerd M. Dobson, naval proving ground.
 William W. Lamar, South Carolina.
 William L. F. Semonpietri, Missouri.
 Robert B. Lupton, navy yard, Puget sound.
 Fred W. Holt, naval station, Key West.

MARINE CORPS.

MAJOR-GENERAL, COMMANDANT.

William P. Biddle, headquarters, Washington.

ADJUTANT AND INSPECTOR'S DEPARTMENT.

Charles H. Lauchheimer, adjutant and inspector, with rank of colonel, headquarters, Washington.
 Henry C. Haines, assistant adjutant and inspector, with rank of lieutenant-colonel, San Francisco, Cal.
 Rufus H. Lane, assistant adjutant and inspector, with rank of lieutenant-colonel, San Francisco.
 Louis J. Magill, assistant adjutant and inspector, with rank of major, Philadelphia.
 Albert S. McEmore, assistant adjutant and inspector, with rank of major, headquarters, Washington, D. C.
 David D. Porter, assistant adjutant and inspector, with rank of major, Manila.

QUARTERMASTER'S DEPARTMENT.

Frank L. Denny, quartermaster, with the rank of colonel, headquarters, San Francisco.
 Charles L. McCawley, assistant quartermaster, with rank of lieutenant-colonel, headquarters, Washington.
 Cyrus S. Radford, assistant quartermaster, with rank of lieutenant-colonel, assistant quartermaster's office, Philadelphia.
 William B. Lemly, assistant quartermaster, with rank of major, headquarters, Washington, D. C.
 Henry L. Roosevelt, assistant quartermaster, with rank of major, Manila.
 Norman G. Burton, assistant quartermaster, with rank of major, San Francisco.
 Hugh L. Mathews, assistant quartermaster, with rank of captain, headquarters, special duty.
 Rupert C. Dewey, assistant quartermaster, with rank of captain, marine barracks, New York.
 Frank J. Schwable, assistant quartermaster, with rank of captain, Mare island, California.
 Percy F. Archer, assistant quartermaster, with rank of captain, headquarters, Washington, D. C.
 Frank Halford, assistant quartermaster, with rank of captain, isthmian canal zone.
 Walter E. Non, assistant quartermaster, with rank of captain, Manila, P. I.
 Seth Williams, assistant quartermaster, with rank of captain, barracks, Puget sound.
 Edward W. Banker, assistant quartermaster, with rank of captain, legation guard, Pekin, China.
 Charles R. Sanderson, assistant quartermaster, with rank of captain, isthmian canal zone.

PAYMASTER'S DEPARTMENT.

George Richards, paymaster, with rank of colonel, paymaster's office, Washington, D. C.
 William C. Dawson, assistant paymaster, with rank of lieutenant-colonel, New York.
 William G. Powell, assistant paymaster, with rank of major, San Francisco.
 Harold C. Reisinger, assistant paymaster, with rank of major, Manila, P. I.
 Davis B. Wills, assistant paymaster, with rank of captain, headquarters, Washington, D. C.
 Russell B. Putnam, assistant paymaster, with rank of captain, isthmian canal zone.

COLONELS.

Littleton W. T. Waller, marine barracks, Mare island.
 Randolph Dickens, comdg. 1st brigade, Manila, P. I.
 Lincoln Karmany, commanding barracks, Norfolk.
 Charles A. Doyen, marine barracks, Puget sound.
 James E. Mahoney, commanding marine barracks, Washington.
 George Barnett, commanding marine barracks, Philadelphia, Pa.
 Franklin J. Moses, special duty.
 Joseph H. Pendleton, marine brigade, canal zone.

LIEUTENANT-COLONELS.

John A. Lejune, comdg. marine barracks, New York.
 Eli K. Cole, headquarters, Washington, D. C.
 Theodore P. Kane, special duty.
 L. C. Lucas, comdg. barracks, Philadelphia.
 Charles G. Long, marine brigade, canal zone.
 Ben H. Fuller, comdg. marines, Charleston, S. C.
 Lawrence H. Moses, marine brigade, Manila.

MAJORS.

Wendell C. Neville, comdg. barracks, Hawaii.
 Thomas C. Treadwell, army war college.
 Dion Williams, naval intelligence.
 John T. Myers, special duty.
 Albertus W. Catlin, U. S. Atlantic fleet.
 William N. McKelvey, marine brigade, canal zone.
 John H. Russell, commanding marine guard, Pekin, China.
 Melville J. Shaw, army war college.
 Philip M. Bannon, marine brigade, Manila.
 Newt H. Hall, marine brigade, Manila.
 Smedley D. Butler, Camp Elliott, Panama.
 George C. Thorpe, naval prison, Portsmouth.
 Charles S. Hill, Pacific fleet.
 Philip S. Brown, navy yard, Washington.
 Henry C. Davis, barracks, Guantanamo, Cuba.
 George C. Reid, marine brigade, canal zone.
 Robert H. Dunlap, special duty.
 Randolph C. Berkeley, barracks, navy yard, Puget sound.
 Carl Gambarg-Andresen, barracks, Mare island.
 Charles B. Hatch, disciplinary barracks, Port Royal.

RETIRED LIST.

REAR-ADMIRALS.

John H. Upshur, Hot Springs, Va.
 Stephen B. Luce, Newport, R. I.
 David B. Harmony, Washington, D. C.
 Aaron W. Weaver, Washington, D. C.
 George Brown, Indianapolis, Ind.
 Francis M. Ramsay, Washington, D. C.
 Oscar F. Stanton, New London, Conn.
 Thomas O. Selfridge, Washington, D. C.
 John A. Howell, Warrenton, Va.
 Henry L. Howison, Yonkers, N. Y.
 George C. Remy, Washington, D. C.
 John C. Watson, Louisville, Ky.
 Silas Casey, Washington, D. C.
 Francis J. Higginson, Cold Spring, N. Y.
 Frederick Rodgers, Washington, D. C.
 Louis Kempff, San Francisco, Cal.
 George W. Sumner, Patchogue, L. I.
 Albert S. Barker, Washington, D. C.
 Charles E. Clark, Washington, D. C.
 Benjamin F. Day, Glasgow, Va.
 Alexander H. McCormick, Annapolis, Md.
 Merrill Miller, Berkeley, Cal.
 Robert M. Berry, Detroit, Mich.
 Samuel W. Verry, Newton Center, Mass.
 George H. Bicknell, New Albany, Ind.
 John P. Merrell, Marshall, Mich.
 Mortimer L. Johnson, Portsmouth, N. H.
 William G. Buehler, Philadelphia, Pa.
 Henry B. Robeson, Walpole, N. H.
 Philip H. Cooper, Morristown, N. J.
 George H. Wadleigh, Dover, N. H.
 Yates Stirling, Baltimore, Md.
 William C. Wise, Monroe, Va.
 Francis A. Cook, Northampton, Mass.
 Farnell F. Harrington, Yonkers, N. Y.
 Eugene H. C. Leutze, Washington, D. C.
 Edward D. Tausig, New York, N. Y.
 Royall R. Ingersoll, Laporte, Ind.
 Thomas C. McLean, Washington, D. C.
 Gottfried Blacklinzer, Dubuque, Iowa.
 Nathan E. Niles, Alexandria, Va.
 David D. V. Stuart, Washington, D. C.
 Nicoll Ludlow, New York, N. Y.
 Allen V. Reed, Washington, D. C.
 Alfred T. Mahan, Quogue, N. Y.
 George W. Melville, Philadelphia, Pa.
 Colby M. Chester, Washington, D. C.
 Charles D. Sigbee, Metropolitan club, Washington.
 French E. Chadwick, Newport, R. I.
 Albert Ross, Clifton, Pa.
 Albert S. Snow, Brookline, Mass.
 William W. Mead, New York, N. Y.
 Richardson Clover, Los Angeles, Cal.
 Harrison G. O. Colby, Boston, Mass.
 Leavitt C. Logan, Washington, D. C.
 William S. Cowles, Farmington, Conn.
 William H. Whiting, New York, N. Y.
 Charles O'Neill, Boston, Mass.
 Uriel Sebree, Coronado, Cal.
 William Swift, Reichfield Springs, N. Y.
 Conway H. Arnold, leave abroad.
 Adolph Marx, New York, N. Y.
 John A. Rodgers, Haver de Grace, Md.
 Theodore F. Jewell, Washington, D. C.
 William M. Folger, Windsor, Vt.
 John Lowe, Brandon, Vt.
 John Schouler, Annapolis, Md.
 George F. F. Wilde, North Easton, Mass.
 Charles H. Davis, Jamestown, R. I.
 George W. Pigman, Mountain Lake Park, Md.
 John McGowan, Washington, D. C.
 James M. Forsyth, Shamokin, Pa.
 Caspar F. Goodrich, Pomfret, Conn.
 Edwin C. Pendleton, Philadelphia, Pa.
 Edwin K. Moore, Boston, Mass.
 Royal B. Bradford, Washington, D. C.
 James E. Craig, Washington, D. C.
 George C. Reiter, Washington, D. C.
 Willard H. Brownson, Washington, D. C.
 Edwin Longnecker, Wernersville, Pa.
 George E. Ide, leave abroad.
 Thomas Perry, Port Deposit, Md.
 Charles H. Stockton, Washington, D. C.
 Henry W. Lyon, Paris, Me.
 James H. Dayton, South Bend, Ind.
 John D. Adams, Washington, D. C.
 William W. Kimball, Paris, Me.
 Herbert Winslow, Brookline, Mass.
 Albert G. Berry, Annapolis, Md.
 Thomas S. Phelps, Oakland, Cal.
 Corwin P. Rees, comdt., Erie, Pa.
 William H. Emory, Roslyn, L. I.
 Albert R. Conden, Washington, D. C.
 John E. Pillsbury, Washington, D. C.
 Franklin J. Drake, Washington, D. C.
 George M. Book, San Antonio, Tex.
 Oscar W. Farenholt, San Francisco, Cal.
 Seaton Schroeder, Washington, D. C.
 Giles B. Harber, Washington, D. C.
 Uriah R. Harris, Indianapolis, Ind.
 Kossuth Niles, Winsted, Conn.
 Samuel P. Comly, Woodbury, N. J.
 Edward T. Strong, Albany, N. Y.
 Eugene W. Watson, Louisville, Ky.
 John F. Merry, Somerville, Mass.
 Washburn Maynard, Brookline, Mass.
 Morris R. S. Mackenzie, Morristown, N. J.
 John J. Huoker, Put-in-Bay, O.
 Franklin Hanford, Scottsville, N. Y.
 Henry N. Manner, Point Lomo, Cal.
 Charles T. Hutchins, Greenport, Long Island, N. Y.
 Harry Knox, Annapolis, Md.
 Charles H. West, Brooklyn, N. Y.
 Joseph G. Eaton, Assinippi, N. Y.
 Henry B. Mansfield, Brooklyn, N. Y.
 John D. Ford, Baltimore, Md.
 Frederick M. Symonds, Galesville, Wis.
 Albert C. Dillingham, Denver, Col.
 William P. Potter, Washington, D. C.
 Newton E. Mason, Washington, D. C.
 Sidney A. Staunton, Charlestown, W. Va.
 Chauncey Thomas, Bensonhurst, L. I.
 Abraham W. Zane, Falls Church, Va.
 John B. Milton, Annapolis, Md.
 John V. B. Blecker, Jamestown, R. I.
 John Hubbard, Washington, D. C.
 William A. Marshall, Jamestown, R. I.
 Charles E. Fox, Washington, D. C.
 Andrew Dunlap, Washington, D. C.
 John A. B. Smith, Brooklyn, N. Y.
 Edward H. Gheen, Washington, D. C.
 Wells L. Field, Washington, D. C.
 Alexander B. Bates, Binghamton, N. Y.
 Harrie Webster, Richmond, Va.
 George W. Baird, Washington, D. C.
 George H. Delano, Annapolis, Md.
 Charles T. Forse, Pittsburg, Pa.
 Frederic Singer, leave abroad.
 Arthur B. Speyers, New York, N. Y.
 Thomas H. Stevens, Washington, D. C.
 John M. Hawley, Washington, D. C.
 Perry Garst, Annapolis, Md.
 George P. Colvocoresses, Washington, D. C.
 William P. Day, Glasgow, Va.
 Warner B. Bayley, Washington, D. C.

DESTRUCTION OF DIRIGIBLE BALLOON AKRON.

Melvin Vaniman and four other men were killed near Atlantic City, N. J., July 2, 1912, when the dirigible balloon Akron exploded as it was crossing Absecon inlet, half a mile from shore. The craft was sailing at a height of about 500 feet when it was seen suddenly to burst into flames and fall into the sea. It was the intention of Melvin Vaniman to cross the Atlantic ocean in the craft in the course of the summer. It was constructed after a plan similar to that of the America, in which Walter Wellman and Melvin Vani-

man attempted to cross to Europe in 1910. The four men who perished with Melvin Vaniman were Calvin Vaniman, his brother; George Bourillon, Fred Elmer and Walter Gest. The balloon cost \$500,000. Experts declared that the disaster was due to a fault in construction which allowed the expanding gas to exhaust directly over the exhaust of the propeller engines. This caused the gas to ignite and the explosion followed. Melvin Vaniman's body was not found until July 15.

LIST OF SHIPS OF THE UNITED STATES NAVY.

NOTE—Abbreviations: T. S., twin screw; Tr. S., triple screw; S., screw. Where size of guns is expressed in inches, only main battery is given. Where size is expressed in pounds and under four inches, vessels have only a secondary battery.

THE FLEET.

FIRST-CLASS BATTLE SHIPS.	Displace- ment.	Length.	Beam.	Maximum draft.	Speed (trial).	Propul- sion.	Maximum coal supply.	Steaming radius at 10 knots	Battery, guns.			
	Tons.	Ft. In.	Ft. In.	Ft. In.	Knots		Tons	Knots				
Alabama.....	11,552	368	0	72	23	6	1,275	4,591	4 13-in., 14 6-in.			
Arkansas.....	26,000	554	0	93	2	28 6	20,500	Turb.	12 12-in., 21 5-in., 4 3-pdr			
Connecticut.....	16,000	450	0	76	10	24 6	18,000	T.S.	4 12-in., 8 8-in., 12 7-in.			
Delaware.....	20,000	510	0	85	2	26 11	21,000	T.S.	10 12-in., 14 5-in.			
Florida.....	21,825	510	0	89	2	28 6	20,775	Turb.	10 12-in., 16 5-in.			
Georgia.....	14,948	435	0	76	2	23 9	19,235	1,925	4 12-in., 8 8-in., 12 6-in.			
Idaho.....	13,000	375	0	77	0	24 8	17,000	T.S.	4 12-in., 8 8-in., 8 7-in.			
Illinois.....	11,552	368	0	72	2	23 6	17,455	T.S.	4 13-in., 14 6-in.			
Indiana.....	10,283	348	0	69	3	24	10,555	T.S.	4 13-in., 8 8-in., 4 6-in.			
Iowa.....	17,466	380	0	72	2	24	17,090	T.S.	4 12-in., 8 8-in., 4 4-in.			
Kansas.....	16,000	450	0	76	10	24 6	18,090	T.S.	4 12-in., 8 8-in., 12 7-in.			
Kearsarge.....	11,520	368	0	72	2	23 6	16,825	T.S.	4 13-in., 4 8-in., 14 5-in.			
Kentucky.....	11,520	368	0	72	2	23 6	16,900	T.S.	4 13-in., 4 8-in., 14 5-in.			
Louisiana.....	16,000	450	0	76	10	24 6	18,825	T.S.	4 12-in., 8 8-in., 12 7-in.			
Massachusetts.....	12,500	388	0	72	2	23 10	18,000	1,875	4 12-in., 16 6-in.			
Michigan.....	10,288	348	0	69	3	24	10,621	T.S.	4 13-in., 8 8-in.			
Minnesota.....	16,500	450	0	80	2	24	18,500	T.S.	8 12-in., 22 3-in.			
Mississippi.....	16,000	450	0	76	10	24 6	18,855	T.S.	4 12-in., 8 8-in., 12 7-in.			
Missouri.....	13,000	375	0	77	0	24 8	17	0	4 12-in., 8 8-in., 8 7-in.			
Nebraska.....	12,500	388	0	72	0	23 11	18 15	1,825	4 12-in., 16 6-in.			
Newbrask.....	14,948	435	0	76	2	23 9	19,015	T.S.	4 12-in., 8 8-in., 12 6-in.			
New Hampshire.....	16,000	410	0	76	12	24	6	2,325	4 12-in., 8 8-in., 12 7-in.			
New Jersey.....	14,938	435	0	76	0	23 9	19 18	2,000	4 12-in., 8 8-in., 12 6-in.			
North Dakota.....	20,000	510	0	85	2	26 11	21,000	2,500	10 12-in., 14 5-in.			
Ohio.....	12,500	388	0	72	2	23 7	17 82	T.S.	4 12-in., 16 6-in.			
Oregon.....	10,288	348	0	69	3	24	10,779	T.S.	4 13-in., 8 8-in.			
Rhode Island.....	14,948	435	0	76	2	23 9	19,015	T.S.	4 12-in., 8 8-in., 12 6-in.			
South Carolina.....	16,500	450	0	80	2	24	16,500	T.S.	8 12-in., 22 3-in.			
Utah.....	21,825	510	0	88	2	28 6	20,775	Turb.	10 12-in., 16 5-in.			
Vermont.....	16,000	450	0	76	10	24 6	18,335	T.S.	4 12-in., 8 8-in., 12 7-in.			
Virginia.....	14,948	435	0	76	2	23 9	19,015	T.S.	4 12-in., 8 8-in., 12 6-in.			
Wisconsin.....	11,552	368	0	72	2	23 6	17 17	1,250	4 13-in., 14 6-in.			
Wyoming.....	26,000	554	0	98	2	28 6	20,500	Turb.	12 12-in., 21 5-in., 4 3-pdr			
ARMORED CRUISERS.												
Brooklyn.....	9,215	400	6	64	8	24	0	21,915	T.S.	1,350	5,000	8 8-inch, 12 5-inch.
California.....	13,680	502	0	69	6	24	1	22,200	T.S.	2,075	5,000	4 8-inch, 14 6-inch.
Colorado.....	13,680	502	0	69	6	24	1	22,240	T.S.	1,825	5,000	4 8-inch, 14 6-inch.
Maryland.....	13,680	502	0	69	6	24	1	22,410	T.S.	1,950	5,000	4 8-inch, 14 6-inch.
Montana.....	14,500	502	0	72	10	25	0	22,260	T.S.	1,950	5,000	4 10-inch, 16 6-inch.
North Carolina.....	14,500	502	0	72	10	25	0	22,200	T.S.	1,950	5,000	4 10-inch, 16 6-inch.
Pittsburgh.....	13,680	502	0	69	6	24	1	22,440	T.S.	1,825	5,000	4 8-inch, 14 6-inch.
Saratoga.....	8,150	380	6	64	10	23	3	21,000	T.S.	1,325	4,800	4 8-inch, 10 5-inch.
South Dakota.....	13,680	502	0	69	6	24	1	22,240	T.S.	2,075	5,000	4 8-inch, 14 6-inch.
Tennessee.....	14,500	502	0	72	10	25	0	22,160	T.S.	1,975	5,000	4 10-inch, 16 6-inch.
Washington.....	14,500	502	0	72	10	25	0	22,270	T.S.	1,950	5,000	4 10-inch, 16 6-inch.
West Virginia.....	13,680	502	0	69	6	24	1	22,150	T.S.	1,950	5,000	4 8-inch, 14 6-inch.
PROTECTED CRUISERS.												
Albany.....	3,490	346	0	43	9	16	10	20,500	T.S.	750	4,372	10 5-inch.
Baltimore.....	4,413	377	6	43	7	19	6	20,100	T.S.	1,075	5,300	12 6-inch.
Boston.....	5,000	427	0	42	2	16	10	15,600	T.S.	428	2,800	2 8-inch, 6 6-inch.
Charleston.....	9,700	424	0	66	0	22	6	22,040	T.S.	1,700	4,000	14 6-inch.
Chattanooga.....	3,200	292	0	44	0	15	9	16,655	T.S.	675	6,925	10 5-inch.
Chicago.....	4,500	325	0	48	2	19	0	18,000	T.S.	850	3,806	4 8-inch, 14 5-inch.
Cincinnati.....	3,183	300	0	42	0	18	0	19,000	T.S.	575	4,560	11 5-inch.
Cleveland.....	3,200	292	0	44	0	15	9	16,455	T.S.	675	6,925	10 5-inch.
Columbia.....	7,350	411	7	58	2	22	6	22,800	Tr. S.	1,525	6,800	1 8-inch, 2 6-in., 8 4-in.
Denver.....	3,200	292	0	44	0	15	9	16,775	T.S.	675	6,925	10 5-inch.
Des Moines.....	3,200	292	0	44	0	15	9	16,775	T.S.	675	6,925	10 5-inch.
Galveston.....	3,200	292	0	44	0	15	9	16,415	T.S.	700	6,925	10 5-inch.
Milwaukee.....	9,700	424	0	66	0	22	6	22,220	T.S.	1,650	4,000	14 6-inch.
Minneapolis.....	7,350	411	7	58	2	22	6	23,070	Tr. S.	1,400	6,300	1 8-inch, 2 6-in., 8 4-in.
Newark.....	4,083	311	5	49	2	18	9	19,000	T.S.	800	4,440	12 6-inch.
New Orleans.....	3,490	346	0	43	9	16	10	20,000	T.S.	750	4,682	10 5-inch.
Olympia.....	5,865	340	0	53	0	21	6	21,690	T.S.	1,075	4,200	4 8-inch, 10 5-in.
Raleigh.....	3,183	300	0	42	0	18	0	19,000	T.S.	575	4,560	11 5-inch.
San Francisco.....	4,083	310	0	49	2	18	9	19,550	T.S.	825	4,000	12 6-inch.
St. Louis.....	9,700	424	0	66	0	22	6	22,130	T.S.	1,650	4,000	14 6-inch.
Tacoma.....	3,200	292	0	44	0	15	9	16,580	T.S.	675	5,000	10 5-inch.
Topeka.....	2,255	251	0	35	0	17	8	16,000	T.S.	394	3,800	.....
UNPROTECTED SCOUT CRUISERS.												
Birmingham.....	3,750	420	0	47	1	16	9	24,330	T.S.	1,250	.....	2 5-inch, 6 3-inch.
Chester.....	3,750	420	0	47	1	16	9	25,520	Turb.	1,250	.....	2 5-inch, 6 3-inch.
Salem.....	3,750	420	0	47	1	16	9	25,950	Turb.	1,250	.....	2 5-inch, 6 3-inch.
UNPROTECTED CRUISERS.												
Marblehead.....	2,072	257	0	37	0	14	6	18,440	T.S.	346	3,126	10 5-inch.
Montgomery.....	2,072	257	0	37	0	14	6	19,060	T.S.	280	3,126	.....
TORPEDO-BOAT DESTROYERS.												
Bainbridge.....	420	245	0	23	1	6	6	28,450	T.S.	169	.....	Tor. tubes. Guns.
Barry.....	420	245	0	23	1	6	6	28,130	T.S.	169	.....	2 18-in., 2 3-in., 5 6-pdr

LIST OF SHIPS OF THE UNITED STATES NAVY.—CONTINUED.

TORPEDO-BOAT DESTROYERS.										Battery, guns.	
	Displace- ment.	Length.	Beam.	Maximum draft.	Speed (trial).	Propul- sion.	Maximum coal supply.	Steaming radius at 10 knots.			
	Tons	Ft. In.	Ft. In.	Ft. In.	Knots		Tons	Knots			
Ammen.....	742	289	0	26	2	8	4	29.50	T.S.	210	5 3-in.
Beale.....	742	289	0	26	2	8	4	29.50	Turb.	*65974	3 18-in., 5 3-in., 5 6-pdr.
Burrows.....	742	289	0	26	2	8	4	29.50	T.S.	210	5 3-in.
Chauncey.....	420	245	0	23	1	6	6	28.64	T.S.	169	2 18-in., 2 3-in., 5 6-pdr.
Dale.....	420	245	0	23	1	6	6	28.00	T.S.	174	2 18-in., 2 3-in., 5 6-pdr.
Decatur.....	420	245	0	23	1	6	6	28.10	T.S.	174	2 18-in., 2 3-in., 5 6-pdr.
Drayton.....	742	289	0	26	2	8	4	29.50	T.S.	210	5 3-in.
Fanning.....	742	289	0	26	2	8	4	29.50	Turb.	*65974	3 18-in., 5 3-in., 5 6-pdr.
Flusser.....	700	289	0	26	0	8	0	30.41	T.S.	285	3 18-in., 5 3-in.
Hopkins.....	408	288	9	23	1	6	0	29.04	T.S.	143	2 18-in., 2 3-in., 5 6-pdr.
Hull.....	408	288	9	23	1	6	0	29.04	T.S.	143	2 18-in., 2 3-in., 5 6-pdr.
Jenkins.....	742	289	0	26	2	8	4	29.50	Turb.	*65974	3 18-in., 5 3-in., 5 6-pdr.
Jouett.....	742	289	0	26	2	8	4	29.50	Turb.	*65974	3 18-in., 5 3-in., 5 6-pdr.
Lamson.....	700	289	0	26	0	8	2	28.90	T.S.	285	3 18-in., 5 3-in.
Lawrence.....	400	240	7	22	3	6	2	28.41	T.S.	108	2 18-in., 2 3-in., 5 6-pdr.
Macdonough.....	400	240	7	22	3	6	2	28.03	T.S.	108	2 18-in., 7 6-pdr.
McCall.....	742	289	0	26	2	8	4	29.50	Turb.	*70675	3 18-in., 5 3-in., 5 6-pdr.
Monahan.....	742	289	0	26	2	8	4	29.50	Turb.	*70074	3 18-in., 5 3-in., 5 6-pdr.
Patterson.....	742	289	0	26	2	8	4	29.50	Turb.	*71457	3 18-in., 5 3-in., 5 6-pdr.
Paulding.....	742	289	0	26	2	8	4	29.50	T.S.	238	3 18-in., 5 3-in.
Paul Jones.....	420	245	0	23	1	6	6	28.91	T.S.	168	2 18-in., 2 3-in., 5 6-pdr.
Perkins.....	742	289	0	26	2	8	9	29.50	T.S.	210	5 3-in.
Perry.....	420	245	0	23	1	6	6	28.32	T.S.	168	2 18-in., 2 3-in., 5 6-pdr.
Preble.....	420	245	0	23	1	6	6	28.03	T.S.	172	2 18-in., 2 3-in., 5 6-pdr.
Preston.....	700	289	0	26	0	8	0	28.00	T.S.	288	3 18-in., 5 3-in.
Reid.....	700	289	0	26	0	8	0	28.32	T.S.	288	3 18-in., 5 3-in.
Roe.....	742	289	0	26	1	8	0	29.50	T.S.	238	3 18-in., 5 3-in.
Smith.....	700	289	0	26	0	8	0	28.35	T.S.	288	3 18-in., 5 3-in.
Sterrett.....	742	289	0	26	2	8	9	29.50	T.S.	210	5 3-in.
Stewart.....	420	245	0	23	1	6	6	29.69	T.S.	172	2 18-in., 2 3-in., 5 6-pdr.
Terry.....	742	289	0	26	2	8	9	29.50	T.S.	210	5 3-in.
Tripple.....	742	289	0	26	2	8	9	29.50	T.S.	210	5 3-in.
Truxtun.....	433	248	0	22	3	6	9	29.68	T.S.	166	2 18-in., 2 3-in., 6 6-pdr.
Walke.....	742	289	0	26	2	8	9	29.50	T.S.	210	5 3-in.
Warrington.....	742	289	0	26	2	8	9	29.50	T.S.	210	5 3-in.
Whipple.....	433	248	0	22	3	6	9	28.24	T.S.	166	2 18-in., 2 3-in., 6 6-pdr.
Worden.....	433	248	0	22	3	6	9	29.86	T.S.	166	2 18-in., 2 3-in., 6 6-pdr.

*Gallons of oil fuel.

COAST-DEFENSE VESSELS.

MONITORS.										Torpedo tubes.	
										14 knots	
Amphitrite.....	3,990	259	3	55	4	14	6	10.50	T.S.	271	4 10-inch, 2 4-inch.
Cheyenne.....	3,225	252	0	50	0	12	6	11.80	T.S.	*129	2 12-inch, 4 4-inch.
Minatonomoh.....	3,990	260	3	55	4	14	6	10.50	T.S.	250	4 10-inch.
Monadnock.....	3,990	258	6	55	5	14	6	12.00	T.S.	386	4 10-inch, 2 4-inch.
Monterey.....	4,084	256	0	58	0	14	0	12.00	T.S.	206	1,430
Ozark.....	3,225	252	0	50	0	12	6	12.03	T.S.	344	2 12-inch, 4 4-inch.
Puritan.....	6,090	290	3	60	1	18	0	12.40	T.S.	300	1,140
Tallahassee.....	3,225	252	0	50	0	12	6	12.40	T.S.	355	1,680
Terror.....	3,990	258	8	55	6	14	6	10.50	T.S.	276	1,300
Tonopah.....	3,225	252	0	50	0	12	6	13.04	T.S.	338	1,680
TORPEDO BOATS.										Torpedo tubes.	
Bagley.....	175	157	0	17	7	4	11	29.15	T.S.	43	3,000
Baly.....	290	205	0	19	3	6	10	30.20	T.S.	90	2 18-inch Whitehead.
Barney.....	175	157	0	17	7	4	11	29.04	T.S.	43	3,000
Biddle.....	175	157	0	17	7	4	11	28.57	T.S.	43	3 18-inch Whitehead.
Blakely.....	196	175	1	17	9	5	11	25.58	T.S.	72	3 18-inch Whitehead.
Craven.....	146	147	0	16	4	4	7	30.00	T.S.	32	2 18-inch Whitehead.
Davis.....	154	146	0	15	4	5	10	23.41	T.S.	40	3 18-inch Whitehead.
Dahlgren.....	146	147	0	16	4	4	7	30.00	T.S.	32	2 18-inch Whitehead.
DeLong.....	196	175	1	17	9	5	11	25.58	T.S.	72	3 18-inch Whitehead.
DeFont.....	165	175	0	17	8	4	8	28.53	T.S.	76	3 18-inch Whitehead.
Farragut.....	279	213	6	20	8	6	0	30.13	T.S.	45	2 18-inch Whitehead.
Footle.....	142	160	0	16	1	5	0	24.53	T.S.	44	1,235
Fox.....	154	146	0	15	4	5	10	23.13	T.S.	40	3 18-inch Whitehead.
Goldsbrough.....	255	198	0	20	7	6	10	27.40	T.S.	89	2 18-inch Whitehead.
Gwin.....	46	99	6	12	6	3	3	20.88	S.	9	2 18-inch Whitehead.
Mackenzie.....	65	99	3	12	9	4	3	20.11	S.	15	2 18-inch Whitehead.
Manley.....	100	80	8	9	5	2	11	17.00	S.	3	.....
Morris.....	100	138	3	15	9	4	1	24.00	T.S.	26	3 18-inch Whitehead.
Porter.....	165	175	0	17	8	4	8	28.63	T.S.	76	3 18-inch Whitehead.
Rodgers.....	142	160	0	16	1	5	0	24.49	T.S.	44	1,200
Rowan.....	210	170	0	17	0	5	11	27.07	T.S.	63	3 18-inch Whitehead.
Shubrick.....	200	175	0	17	6	5	2	26.07	T.S.	82	1,755
Somers.....	150	149	4	17	6	5	10	17.50	T.S.	37	2 18-inch Whitehead.
Stockton.....	200	175	0	17	6	5	2	25.79	T.S.	79	1,755
Stringham.....	340	225	0	22	0	6	6	25.33	T.S.	95	2 18-inch Whitehead.
Thornton.....	240	175	0	17	6	5	2	24.86	T.S.	85	1,755
Tingey.....	165	175	0	17	6	4	8	24.94	T.S.	73	3 18-inch Whitehead.
Wilkes.....	165	175	0	17	7	4	8	25.99	T.S.	66	2,400

*Also 60,816 gallons of oil fuel.

LIST OF SHIPS OF THE UNITED STATES NAVY.—CONTINUED.

GUNBOATS.	Displacement.	Length.	Beam.	Maximum draft.	Speed (trial).	Propulsion.	Maximum coal supply.	Steaming radius at 10 knots.	Battery, guns
	Tons.	ft. in.	ft. in.	ft. in.	Knots.		Tons.		
Alert.....	1,110	177 4	32 0	13 0	10.00	S.	197	3,742	6 4-inch.
Annapolis.....	1,010	168 0	33 0	12 0	13.17	S.	230	5,245	7 under 4-inch.
Callao.....	243	115 3	17 10	6 6	10.00	T.S.	33	.....	4 under 4-inch.
Castine.....	1,177	204 0	32 1	12 0	16.03	T.S.	210	3,480	8 4-inch.
Don Juan de Austria.....	1,130	210 0	32 0	12 6	12.20	S.	204	2,350	8 under 4-inch.
Dubuque.....	1,085	174 0	35 0	12 3	12.90	T.S.	246	.....	6 4-inch.
Elcano.....	620	157 11	26 0	10 0	11.00	T.S.	94	.....	7 under 4-inch.
Helena.....	1,332	250 9	39 8	19 0	15.50	T.S.	300	2,370	8 4-inch.
Isla de Luzon.....	1,030	192 10	31 0	11 0	11.23	T.S.	159	2,000	4 4-in., 8 under 4-in.
Machias.....	1,177	204 0	32 1	12 0	15.46	T.S.	261	3,450	5 4-in., 8 under 4-in.
Marietta.....	990	174 0	34 0	12 0	13.02	T.S.	229	3,529	6 4-inch.
Nashville.....	1,371	220 0	38 1	11 0	16.30	T.S.	363	3,315	8 4-inch.
Newport.....	1,010	168 0	36 0	12 2	12.29	S.	224	4,904	6 4-inch.
Paducah.....	1,085	174 0	35 0	12 3	12.85	T.S.	246	.....	6 4-inch.
Pampanga.....	243	115 3	17 10	6 6	10.00	T.S.	33	.....	8 under 4-inch.
Panay.....	170	94 10	17 3	7 1	8.00	T.S.	20	.....	5 under 4-inch.
Peoria.....	181	101 0	25 0	10 6	9.00	S.	68	.....	7 under 4-inch.
Princeton.....	890	181 4	31 0	12 0	10.40	S.	133	3,254	6 4-inch.
Quiros.....	1,010	168 0	36 0	12 0	10.64	S.	226	4,904	6 4-inch.
Ranger.....	350	137 9	22 9	7 9	11.00	S.	78	.....	8 under 4-inch.
Samar.....	1,261	177 4	32 0	13 0	10.00	S.	178	.....	6 under 4-inch.
Sandoval.....	243	115 3	17 10	6 6	10.00	T.S.	33	1,000	8 under 4-inch.
Vicksburg.....	100	110 0	15 6	5 4	19.00	S.	16	.....	4 under 4-inch.
Villalobos.....	1,010	168 0	36 0	12 1	12.71	S.	243	4,904	6 4-inch.
Wheeling.....	370	148 0	23 0	7 6	11.00	S.	65	.....	8 under 4-inch.
Wilmington.....	990	174 0	34 0	12 0	12.88	T.S.	230	3,674	6 4-inch.
Wolverine.....	1,392	250 9	39 8	9 0	15.08	T.S.	300	2,670	8 4-inch.
Yorktown.....	685	164 11	27 0	9 0	10.50	S.	115	2,240	.....
	1,710	230 0	36 0	14 0	17.20	S.	341	3,443	6 6-inch.
WOODEN CRUISERS.									
Hartford.....	2,790	226 0	44 0	18 2	12.00	S.	262	.....	9 5-inch.
Mohican.....	1,900	216 0	37 0	16 6	10.65	S.	168	.....	6 4-inch.
ARMED TRANSPORTS.									
Buffalo.....	6,000	391 6	48 3	19 5	14.50	S.	1,375	7,800	2 5-in., 4 4-inch.
Dixie.....	6,114	391 6	48 3	19 11	14.50	S.	1,075	7,000	10 3-inch.
Panther.....	3,380	312 1	40 8	15 9	13.50	S.	675	4,800	2 6-pdr.
Prairie.....	6,620	391 6	48 3	20 9	14.50	S.	1,300	8,200	10 3-inch.
TRANSPORT.									
General Alava.....	1,115	212 6	29 9	11 0	10.50	S.	240	2,200	.....
SUPPLY SHIPS.									
Arethusa.....	6,159	332 0	42 2	20 11	.....	.....	.....	6,400	1 6-pounder.
Celtic.....	8,000	371 4	44 7	24 9	10.50	S.	739	6,533	2 6-pounder.
Culgoa.....	6,000	334 4	43 0	21 9	13.50	S.	957	8,380	4 1-pounder.
Glacier.....	8,325	353 0	46 1	25 4	12.50	S.	917	5,790	.....
Iris.....	6,100	310 6	39 0	24 0	10.50	S.	300	3,100	.....
Rainbow.....	4,360	326 0	41 0	17 2	12.00	S.	1,139	4,372	6 6-pounder, 6 1-pdr.
Supply.....	4,360	342 7	43 0	19 5	9.95	S.	1,029	8,160	6 6-pounder, 4 1-pdr.
HOSPITAL SHIPS.									
Relief.....	3,300	299 2	46 0	15 20	.....	S.	607	.....	.....
Solace.....	5,700	361 2	44 0	22 0	15.00	.....	1,000	7,000	3 6-pounder
CONVERTED YACHTS.									
Aileen.....	192	120 0	20 0	8 0	14.00	S.	45	.....	.....
Dorothea.....	594	182 4	23 5	11 5	15.00	S.	78	.....	8 under 4-inch.
Eagle.....	434	155 6	24 0	11 6	15.50	S.	65	.....	4 under 4-inch.
Elfrida.....	164	101 6	18 0	7 9	10.50	S.	23	.....	.....
Gloucester.....	795	204 0	27 2	12 0	17.00	S.	120	.....	10 under 4-inch.
Hawk.....	375	145 0	22 0	11 6	14.50	S.	70	.....	.....
Huntress.....	82	97 0	16 0	7 3	14.00	S.	.....	.....	.....
Mayflower.....	2,690	273 0	36 0	17 4	16.80	T.S.	525	.....	14 under 4-inch.
Oneida.....	150	110 11	18 6	7 6	12.00	S.	20	.....	3 under 4-inch.
Restless.....	158	113 0	16 0	6 6	12.00	S.	12	.....	3 under 4-inch.
Scorpion.....	775	212 9	28 1	11 0	17.85	T.S.	133	.....	10 under 4-inch.
Stranger.....	546	173 0	23 9	10 6	14.00	S.	50	.....	.....
Sylph.....	152	123 8	20 0	7 6	15.00	S.	47	.....	1 under 4-inch.
Sylvia.....	302	190 0	13 6	10 0	9.00	S.	60	.....	.....
Vixen.....	806	182 3	28 0	12 8	16.00	S.	190	.....	8 under 4-inch.
Wasp.....	630	180 0	23 0	12 0	16.50	S.	79	.....	6 under 4-inch.
Yankton.....	975	185 0	27 6	13 10	14.00	S.	170	.....	4 under 4-inch.
SPECIAL CLASS.									
Dolphin.....	1,486	240 0	32 0	14 3	15.50	S.	265	3,180	2 4-inch.
Maui.....	1,750	209 3	31 2	13 0	10.00	S.	186	2,636	2 4 7-inch.
Vesuvius.....	930	252 4	26 6	10 7	21.42	T.S.	132	1,500	For torpedo training.

LIST OF SHIPS OF THE UNITED STATES NAVY.—CONTINUED.

COLLIERS.	Displacement.	Length over all.	Beam.	Extreme draft.	Speed, loaded.	Speed, light.	Bunker capacity	Cargo capacity	Battery, guns.			
	Tons	Ft. In.	Ft. In.	Ft. In.	Knots	Knots	Tons	Tons				
Abarenda.....	6,705	325	6	42	0	23	6	9.00	9.50	813	3,400	4 3-pounder. 4 c oits
Ajax.....	9,250	387	6	46	6	25	3	10.00	11.00	500	5,000	16-pounder.
Alexander.....	6,181	343	3	43	0	23	0	8.75	10.00	800	4,200	16-pounder.
Brutus.....	6,600	332	6	41	6	23	6	10.00	11.00	547	4,000	16-pounder.
Cesar.....	5,920	322	1	44	0	21	6	10.00	11.00	761	3,150	16-pounder.
Cyclops.....	19,300	542	0	65	0	27	8	14.00	15.00	2,043	10,457	
Hannibal.....	4,000	275	0	39	3	19	0	9.00	10.00	480	2,300	16-pounder.
Hector.....	11,230	403	0	53	0	24	8	12.00	13.00	818	7,200	
Justin.....	3,300	287	6	39	0	21	6	8.30	10.90	167	2,900	16-pounder.
Lebanon.....	3,285	258	0	37	6	19	0	10.00	12.50	188	1,800	
Leonidas.....	4,242	273	11	39	3	19	7	8.50	9.50	206	2,200	16-pounder.
Mars.....	11,200	403	0	53	0	24	6	12.00	13.00	877	8,017	
Nanshan.....	4,350	300	0	39	0	21	3	10.50	11.00	400	2,900	16-pounder.
Neptune.....	19,300	542	0	65	0	27	8	14.00	15.00	2,043	10,457	
Nero.....	6,300	320	0	41	0	22	11	9.00	10.00	300	3,500	16-pounder.
Pompey.....	3,085	245	0	33	6	16	10	10.50	13.00	200	1,400	
Prometheus.....	12,585	465	9	60	1	26	0	16.00	17.00	1,576	6,410	4 3-inch.
Saturn.....	6,220	297	1	40	0	22	8	11.00	12.00	335	2,400	16-pounder.
Sterling.....	5,063	284	0	37	0	22	8	11.00	11.00	469	2,672	16-pounder.
Vestal.....	12,585	465	9	60	1	26	0	16.00	17.00	1,576	6,410	4 3-inch.
Vulcan.....	11,200	403	0	53	0	24	6	12.00	13.00	877	8,017	

SAILING SHIPS.

NAME.	Displacement.	Length.		Beam.	Draft.	Speed.	Propulsion.	Description.	Battery, guns.
		Tons	Ft. In.			Ft. In.			
Boxer.....	346	108	0	29	9	9	2	Brig.	
Constellation.....	1,970	176	0	42	0	20	0	Ship.	14 under 4-inch.
Cumberland.....	1,800	176	5	45	8	16	5	Bark.	6 4-in., 8 under 4-in.
Intrepid.....	1,800	176	5	45	8	16	5	Bark.	6 4-in., 8 under 4-in.
Veve.....	1,175	175	0	37	0	16	6	Ship.	6 4-in., 5 under 4-in.

UNDER CONSTRUCTION AND AUTHORIZED.

Nevada.....	27,500	575	0	95	2	28	6	20.05	Turb	1st-class battleship	10 14-inch. 21 5-inch.
New York.....	27,000	565	0	95	3	28	6	21.00	Turb	1st-class battleship	10 14-inch. 21 5-inch.
Oklahoma.....	27,500	575	0	95	2	28	6	20.05	Turb	1st-class battleship	10 14-inch. 21 5-inch.
Pennsylvania.....	31,000	600	0	97	0	28	6	21.00	Turb	1st-class battleship	12 14-inch. 20 5-inch.
Texas.....	27,000	565	0	95	3	28	6	21.00	Turb	1st-class battleship	10 14-inch. 21 5-inch.
Nos. 36 and 37.....										1st-class battleship	

In addition to the above there are 4 fleet colliers, 2 gunboats, 16 torpedo-boat destroyers, 22 submarine torpedo boats, 2 submarine tenders, 1 destroyer tender and 2 fleet oilers under construction.

TUGS.

There are attached to the different navy yards and stations 45 tugs, ranging from 100 to 854 tons displacement and from 70 to 2,000 horse power.

UNSERVICABLE FOR WAR PURPOSES.

The Philadelphia, Reina Mercedes, Richmond,

Southey, Franklin, Hancock, Independence, Pensacola, Adams, Topeka, Constitution, Essex, Gopher, Granite State, Jamestown, Lancaster, Nipsic, Omaha, Portsmouth, Wabash and Yantic are no longer fit for sea service. Some are loaned to the naval militia of different states as practice ships.

NAVY AND MARINE CORPS PAY TABLE.

Navy (line).	Pay per annum.*
Admiral of the navy.....	\$13,500
Rear-admirals—First nine.....	8,000
Second nine.....	6,000
Chiefs of bureaus.....	6,000
Captains.....	4,000
Judge-advocate general.....	4,000
Commanders.....	3,500
Lieutenant-commanders.....	3,000
Lieutenants.....	2,400
Lieutenants (junior grade).....	2,000
Ensigns.....	1,700
Chief boatswains, gunners, carpenters, sail-makers.....	1,700
Midshipmen at sea.....	1,400
Midshipmen at academy.....	600
Marine corps.	
Major-general.....	8,000
Colonels.....	4,000
Lieutenant-colonels.....	3,500
Majors.....	3,000
Captains (line).....	2,400

Marine corps.	Pay per annum.*
Captains (staff).....	\$2,600
First lieutenants.....	2,000
Second lieutenants.....	1,700

*On sea duty, or on shore duty beyond sea, 10 per cent increase.

Chaplains of or above the rank of Lieutenant-commander get the pay and allowance of a lieutenant-commander, those who have rank of lieutenant, appointed prior to July 1, 1906, \$2,800; others according to rank in above table; naval constructors, \$3,200 to \$4,200; assistant naval constructors, \$2,000, or pay of rank according to above table; warrant officers, \$1,125 to \$2,250.

Petty officers and chief petty officers get a salary ranging from \$33 to \$77 per month.

First-class seamen get \$26 a month; seamen gunners, \$28; firemen, first-class, \$38; ordinary seamen, \$21; firemen, second-class, \$33; shipwrights, \$27; apprentice seamen, \$18; coal passers, \$24.

The term of enlistment in the United States navy is four years.

United States Diplomatic and Consular Service.

DIPLOMATIC SERVICE—DEC. 1, 1912.

Explanation.—A. E. and P., ambassador extraordinary and plenipotentiary; E. E. and M. P., envoy extraordinary and minister plenipotentiary; M. R., minister resident; M. R. and C.-G., minister resident and consul-general. Appointed by the president and confirmed by the senate.

Country.	Representative.	Location.	Appointed from.	Salary.
Argentina Republic.....	John W. Garrett, E. E. & M. P. G. L. Lorillard, Sec. of Leg.	Buenos Aires..... Buenos Aires.....	Maryland..... Rhode Island.....	\$12,000 2,625
Austria-Hungary.....	Richard C. Kerens, A. E. & P. U. Grant-Smith, Sec. of Emb. Arthur H. Frazier, 2d Sec. of Emb. Lieut.-Com. R. D. White, Nav. Att. Capt. W. V. Cotechett, Mil. Att.	Vienna..... Vienna..... Vienna..... Vienna..... Vienna.....	Missouri..... Pennsylvania..... Pennsylvania..... Pennsylvania..... Army.....	17,500 3,000 2,000 2,000 2,000
Belgium.....	Theodore Marburg, E. E. & M. P.	Brussels.....	Maryland.....	12,000
Bolivia.....	H. S. Gibson, Sec. of Leg. Horace C. Knowles, E. E. & M. P.	LaPaz..... LaPaz.....	California..... Delaware.....	2,625 10,000
Brazil.....	C. E. Stangeland, Sec. of Leg. Edwin V. Morgan, A. E. & P.	LaPaz..... Rio de Janeiro.....	Washington..... New York.....	2,000 17,500
Bulgaria.....	George P. Rives, Sec. of Emb. John B. Jackson, E. E. & M. P.	Rio de Janeiro..... Bucharest.....	Virginia..... New Jersey.....	3,000 10,000
Bulgaria.....	R. B. Strassburger, Sec. of Leg. Henry P. Fletcher, E. E. & M. P.	Bucharest..... Santiago.....	New York..... Pennsylvania.....	2,000 12,000
Chile.....	R. B. Harvey, Sec. of Leg.	Santiago.....	Maryland.....	2,625
China.....	William J. Cathoun, E. E. & M. P. Edward T. William, Sec. of Leg. George T. Summerlin, 2d Sec. of Leg. Lieut.-Com. L. A. Cotton, Nav. Att. Maj. A. J. Bowley, Mil. Att.	Pekin..... Pekin..... Pekin..... Pekin..... Pekin.....	Illinois..... Ohio..... Louisiana..... Navy..... Army.....	12,000 2,625 1,800 2,000 2,000
Colombia.....	James T. DuBois, E. E. & M. P. Leland Harrison, Sec. of Leg.	Bogota..... Bogota.....	Pennsylvania..... Illinois.....	10,000 2,000
Costa Rica and Nicaragua.....	Lewis Einstein, E. E. & M. P.	San Jose.....	New York.....	10,000
Cuba.....	M. M. Langhorne, Sec. of Leg. Arthur M. Baupre, E. E. & M. P.	San Jose..... Havana.....	Virginia..... Illinois.....	2,000 12,000
Cuba.....	J. B. Wright, Sec. of Leg. F. T. Cox, 2d Sec. of Leg.	Havana..... Havana.....	Illinois..... Wyoming.....	2,000 2,625
Denmark.....	Maurice F. Egan, E. E. & M. P. Norval Richardson, Sec. of Leg.	Havana..... Copenhagen.....	Pennsylvania..... Dist. of Columbia.....	1,800 10,000
Dominican Republic.....	William W. Russell, M. R. & C.-G.	Copenhagen.....	Mississippi.....	2,000
Ecuador.....	—, E. E. & M. P.	Santo Domingo, Dist. of Columbia.....	Mississippi.....	10,000
Ecuador.....	—, E. E. & M. P.	Quito.....	Illinois.....	10,000
France.....	R. Bingham, Sec. of Leg. Myron T. Herrick, A. E. & P. R. W. Bliss, Sec. of Emb. S. Whitehouse, 2d Sec. of Emb. W. D. Robbins, 3d Sec. of Emb. Com. H. H. Hough, Nav. Att. Maj. T. B. Mott, Mil. Att.	Quito..... Paris..... Paris..... Paris..... Paris..... Paris..... Paris.....	District of Columbia..... Ohio..... New York..... New York..... Massachusetts..... Navy..... Army.....	2,000 17,500 3,000 2,000 1,200 2,000 2,000
Germany.....	John G. A. Leishman, A. E. & P. Joseph C. Grew, Sec. of Emb. W. Spencer, 2d Sec. of Emb. A. B. Ruddock, 3d Sec. of Emb. Capt. A. P. Niblack, Nav. Att. A. W. Bjornstad, Mil. Att.	Berlin..... Berlin..... Berlin..... Berlin..... Berlin..... Berlin.....	Pennsylvania..... Massachusetts..... Pennsylvania..... Illinois..... Navy..... Army.....	17,500 3,000 2,000 1,200 2,000 2,000
Great Britain.....	Whiteclaw Reid, A. E. & P. J. B. Laughlin, Sec. of Emb. W. P. Cresson, 2d Sec. of Emb. H. Johnson, 3d Sec. of Emb. Com. P. Symington, Nav. Att. Maj. George O. Squier, Mil. Att.	London..... London..... London..... London..... London..... London.....	New York..... Pennsylvania..... Nevada..... New Jersey..... Navy..... Army.....	17,500 3,000 2,000 1,200 2,000 2,000
Greece.....	Jacob G. Schurman, E. E. & M. P. F. O. de Billier, Sec. of Emb.	Athens..... Athens.....	New York..... District of Columbia.....	10,000 2,000
Guatemala.....	R. S. R. Hitt, E. E. & M. P.	Guatemala.....	Illinois.....	10,000
Haiti.....	H. R. Wilson, Sec. of Leg.	Guatemala.....	Illinois.....	2,000
Honduras.....	Henry W. Puriss, E. E. & M. P.	Port au Prince.....	Indiana.....	10,000
Italy.....	Charles D. White, E. E. & M. P. Thomas J. O'Brien, A. E. & P. Post Wheeler, Sec. of Emb. A. Benson, 2d Sec. of Emb. —, Nav. Att. Lieut.-Com. George M. Dunn, Mil. Att.	Tegucigalpa..... Rome..... Rome..... Rome..... Rome..... Rome.....	New York..... Michigan..... Washington..... Pennsylvania..... Navy..... Army.....	10,000 17,500 3,000 3,000 2,000 2,000
Japan.....	Larz Anderson, A. E. & P. A. Bailly-Blanchard, Sec. of Emb. Charles Campbell, Jr., 2d Sec. of Emb. Frank D. Arnold, 3d Sec. of Emb. Lieut.-Com. L. A. Cotton, Nav. Att. Capt. H. L. Wigmore, Mil. Att. Charles J. Arnell, Int.	Tokyo..... Tokyo..... Tokyo..... Tokyo..... Tokyo..... Tokyo..... Tokyo.....	District of Columbia..... Louisiana..... Virginia..... Pennsylvania..... Navy..... Army..... Washington.....	17,500 3,000 2,000 1,200 2,000 3,600 3,600
Liberia.....	William D. Crum, M. R. & C.-G. Richard C. Bundy, Sec. of Leg.	Monrovia..... Monrovia.....	South Carolina..... Ohio.....	5,000 2,000
Luxemburg.....	Lloyd Brice, E. E. & M. P.	The Hague.....	New York.....	12,000
Mexico.....	Henry Lane Wilson, A. E. & P. Montgomery Schuyler, Jr., Sec. of Emb. N. O'Shaughnessy, 2d Sec. of Emb. H. F. Tennant, 3d Sec. of Emb.	Mexico..... Mexico..... Mexico..... Mexico.....	Washington..... New York..... New York..... New York.....	17,500 3,000 2,000 1,200

Country.	Representative.	Location.	Appointed from.	Salary.
Montenegro.....	Jacob G. Schurman, E. E. & M. P.	Athens.....	New York.	10,000
Morocco.....	E. E. & M. P.	Tangier.....	California.	10,000
Netherlands.....	Cyrus F. Wicker, Sec. of Leg.	Tangier.....	New York.	2,000
	Lloyd Bryce, E. E. & M. P.	The Hague.....	New York.	12,000
Nicaragua.....	James G. Bailey, Sec. of Leg.	The Hague.....	Kentucky.	2,625
Norway.....	George T. Weitzel, E. E. & M. P.	Managua.....	Missouri.	10,000
	Laurita S. Swenson, E. E. & M. P.	Christiania.....	Minnesota.	10,000
Panama.....	F. M. Endicott, Sec. of Leg.	Christiania.....	Massachusetts.	2,000
	H. Percival Dodge, E. E. & M. P.	Panama.....	Massachusetts.	10,000
	Edward Bell, Sec. of Leg.	Panama.....	New York.	2,000
Paraguay and Uruguay.....	Nicolay A. Grevstad, E. E. & M. P.	Montevideo.....	Illinois.	10,000
Persia.....	Charles W. Russell, E. E. & M. P.	Teheran.....	District of Columbia.	10,000
	C. W. Wadsworth, Sec. of Leg.	Teheran.....	New York.	2,000
Peru.....	H. Clay Howard, E. E. & M. P.	Lima.....	Kentucky.	10,000
	A. R. Magruder, Sec. of Leg.	Lima.....	Maryland.	2,000
Portugal.....	Cyrus E. Woods, E. E. & M. P.	Lisbon.....	Pennsylvania.	10,000
	W. W. Andrews, Sec. of Leg.	Lisbon.....	Ohio.	2,000
Roumania and Servia.....	John B. Jackson, E. E. & M. P.	Bucharest.....	New Jersey.	10,000
	R. B. Strassburger, Sec. of Leg. & C.-G.	Bucharest.....	New York.	2,000
Russia.....	Curtis Guild, A. E. & P.	St. Petersburg.....	Massachusetts.	17,500
	Charles S. Wilson, Sec. of Emb.	St. Petersburg.....	Maine.	3,000
	F. A. Sterling, 2d Sec. of Emb.	St. Petersburg.....	Pennsylvania.	2,000
	F. R. Furness, 3d Sec. of Emb.	St. Petersburg.....	Pennsylvania.	1,200
	Com. H. H. Hough, Nav. Att.	Paris.....	Navy.	.....
	Capt. N. K. Averill, Mil. Att.	St. Petersburg.....	Army.	.....
Salvador.....	William Helmke, E. E. & M. P.	San Salvador.....	Kansas.	10,000
	T. E. Dabney, Sec. of Leg. & C.-G.	San Salvador.....	Louisiana.	2,000
Siam.....	Fred W. Carpenter, E. E. & M. P.	Bangkok.....	California.	10,000
	S. L. Crosby, Sec. of Leg. & C.-G.	Bangkok.....	New York.	2,000
	Leung Hui, Int.	Bangkok.....	.....	500
Spain.....	Henry C. Ide, E. E. & M. P.	Madrid.....	Vermont.	12,000
	Gustav Scholle, Sec. of Leg.	Madrid.....	Minnesota.	2,000
Sweden.....	Charles H. Graves, E. E. & M. P.	Stockholm.....	Minnesota.	10,000
	J. H. Stabler, Sec. of Leg.	Stockholm.....	Maryland.	2,000
Switzerland.....	Henry S. Boutell, E. E. & M. P.	Bern.....	Illinois.	10,000
Turkey.....	William W. Rockhill, A. E. & P.	Constantinople.....	Dist. of Columbia.	17,500
	Hoffman Philip, Sec. of Leg.	Constantinople.....	New York.	2,625
Uruguay and Paraguay.....	Nicolay A. Grevstad, E. E. & M. P.	Montevideo.....	Illinois.	10,000
Venezuela.....	Elliott Northcott, E. E. & M. P.	Caracas.....	West Virginia.	10,000

UNITED STATES CONSULAR SERVICE.

Abbreviations: C.-G., consul-general; C., consul; V.-C., vice-consul; C. A., commercial agent.

CONSULS-GENERAL AT LARGE.

George H. Murphy, N. C.	\$5,000
Alfred L. M. Gottschalk, N. Y.	5,000
Heaton W. Harris, Ohio.	5,000
James E. Dunning, Me.	5,000

ABYSSINIA.

Adis Ababa—Guy R. Love, O., V. and D. C.-G.	
---	-------

ARGENTINE REPUBLIC.

Buenos Aires—R. M. Bartleman, Mass., C.-G.	4,500
Rosario—Robert T. Crane, Md., C.	2,500

AUSTRIA-HUNGARY.

Budapest—Paul Nash, N. Y., C.-G.	3,500
Carlsbad—Charles L. Hoover, Mo., C.	3,000
Flume—Samuel H. Shank, Ind., C.	3,500
Prague—Joseph I. Brittain, O., C.	3,500
Reichenberg—William J. Pike, Pa., C.	4,000
Trieste—Ralph J. Totten, Tenn., C.	3,000
Vienna—Charles Denby, Ind., C.-G.	6,000

BELGIUM.

Antwerp—Henry W. Diederich, D. C., C.-G.	5,500
Brussels—Ethelbert Watts, Pa., C.-G.	5,500
Ghent—Henry A. Johnson, D. C., C.	3,000
Liege—Alexander Heingartner, O., C.	3,000

BRAZIL.

Bahia—David R. Burch, Pa., C.	4,000
Para—George H. Pickeral, O., C.	4,000
Pernambuco—P. M. Griffith, O., C.	4,000
Rio de Janeiro—Julius G. Lay, D. C., C.-G.	8,000
Santos—Jay White, Mich., C.	4,000

CHILE.

Iquique—Percival Gassett, D. C., C.	3,000
Punta Arenas—Charles L. Latham, N. C., C.	3,000
Valparaiso—Alfred A. Winslow, Ind., C.	4,500

CHINA.

Amoy—Lester Maynard, Cal., C.	4,500
Antung—A. A. Williamson, D. C., C.	2,500
Canton—Fleming D. Cheshire, N. Y., C.-G.	5,500
Chefoo—J. H. Arnold, Cal., C.-G.	4,500
Chungking—E. C. Baker, Cal., C.	3,500

Fuchau—John Fowler, N. Y., C.	4,500
Hankow—Roger S. Greene, Mass., C.-G.	4,500
Harbin—Southard P. Warner, D. C., C.	4,000
Mukden—F. D. Fisher, Ore., C.-G.	4,500
Nanking—Charles D. Tenney, Mass., C.	4,000
Newchwang—William P. Kent, Va., C.-G.	4,500
Shanghai—Amos F. Wilder, Wis., C.-G.	8,000
Tientsin—Charles L. L. Williams, O., C.	2,500
Tientsin—S. S. Knabenshue, O., C.-G.	5,500

COLOMBIA.

Barranquilla—Isaac A. Manning, Ore., C.	3,500
Bogota—(Vacancy), C.-G.	3,500
Cartagena—Graham H. Kemper, Ky., C.	2,000

COSTA RICA.

Port Limon—Chester Donaldson, N. Y., C.	2,500
San Jose—Samuel T. Lee, Mich., C.	3,000

CUBA.

Cienfuegos—Max J. Baehr, Neb., C.	4,500
Havana—James L. Rodgers, O., C.-G.	8,000
Santiago—R. E. Holaday, O., C.	4,500

DENMARK AND DOMINIONS.

Copenhagen—E. D. Winslow, Ill., C.-G.	3,000
St. Thomas—C. H. Payne, W. Va., C.	3,000

DOMINICAN REPUBLIC.

Puerto Plata—C. M. Hathaway, Pa., C.	2,000
Santo Domingo—Chas. B. Curtis, N. Y., C.-G.	.....

ECUADOR.

Guayaquil—Herman R. Dietrich, Mo., C.-G.	4,500
--	-------

FRANCE AND DOMINIONS.

Algiers—Dean B. Mason, O., C.	2,500
Bordeaux—Alfred K. Moe, N. Y., C.	4,000
Calais—James B. Milner, Ind., C.	3,000
Cognac—George H. Jackson, Conn., C.	2,500
Goree-Dakar—(Vacancy), C.	2,000
Grenoble—C. P. H. Nason, Pa., C.	2,000
Guadeloupe—Frank A. Henry, N. Y., C.	2,000
Havre—John O. Osborne, Pa., C.	5,000
Limoges—Eugene I. Belisle, Mass., C.	2,500
Lyons—Carl B. Hurst, D. C., C.	5,000

Marseilles—Alphonse Gaulin, R. I., C.-G.....	5,500
Martinique—Thomas R. Wallace, Iowa, C.....	2,500
Nantes—L. Goldschmidt, N. H., C.....	3,000
Nice—W. D. Hunter, Minn., C.....	2,500
Paris—Frank H. Mason, O., C.-G.....	12,000
Rheims—William Bardel, N. Y., C.....	2,500
Roubaix—Joseph E. Haven, Ill., C.....	2,500
Rouen—Julian Potter, N. Y., C.....	2,000
Saigon—(Vacancy).....	2,000
St. Etienne—William H. Hunt, N. Y., C.....	2,500
St. Pierre, St. P.—John K. Baxter, Tenn., C.....	2,000
Tahiti—North Winslow, Ga., C.....	2,000
Tamatave—James G. Carter, Ga., C.....	2,500

GERMAN EMPIRE.

Aix la Chapelle—Pendleton King, N. C., C....	3,000
Apia—Mason Mitchell, N. Y., C.....	3,500
Barmen—George E. Eager, Ill., C.....	3,500
Berlin—A. M. Thackeray, Pa., C.-G.....	8,000
Bremen—William T. Fee, O., C.....	5,000
Breslau—Herman L. Spahr, S. C., C.....	2,500
Brunswick—T. J. Albert, Md., C.....	2,500
Chemnitz—Thomas H. Norton, O., C.....	3,500
Coburg—Frank Dillingham, Cal., C.-G.....	4,500
Cologne—Hiram J. Dunlap, Ill., C.....	3,500
Dresden—T. S. John Gaffney, N. Y., C.-G.....	4,500
Erfurt—Ralph C. Busser, Pa., C.....	2,500
Frankfort-on-Main—Heaton W. Harris, O., C.-G.....	5,500
Hamburg—Robert P. Skinner, O., C.-G.....	8,000
Hanover—Albert H. Michelson, Mass., C.....	3,000
Kehl—Milo A. Jewett, Mass., C.....	3,000
Leipzig—Nicholas R. Snyder, Pa., C.....	4,000
Magdeburg—A. W. Donegan, Ala., C.....	2,500
Mannheim—William C. Teichmann, Mo., C.....	3,500
Munich—Thomas W. Peters, D. C., C.-G.....	4,500
Nuremberg—George N. Ifft, Idaho, C.....	4,000
Potsdam—Robert E. Mosher, D. C., C.....	4,000
Stettin—H. C. A. Damm, Tenn., C.....	2,500
Stuttgart—Edward Higgins, Mass., C.....	4,000
Tsingtau, China—James C. McNally, Pa., C....	4,000

GREAT BRITAIN.

Aden—Walter H. Schulz, Okla., C.....	2,500
Auckland—William A. Prickett, N. J., C.-G.....	4,500
Barbados—Chester W. Martin, Mich., C.....	3,000
Belfast—Hunter Sharp, N. C., C.....	5,000
Birmingham—William L. Avery, Mont., C.....	2,500
Birmingham—Albert Halestead, D. C., C.....	4,500
Bombay—Edward J. Norton, Tenn., C.....	4,000
Bradford—A. E. Ingram, Cal., C.....	3,500
Bristol—H. M. Byington, Conn., C.....	2,000
Burslem—Robert S. S. Bergh, N. D., C.....	3,000
Calcutta—William H. Michael, Neb., C.-G.....	6,000
Calgary—E. S. Hotchkiss, Wis., C.....	3,000
Campbellton—T. Botkin, Utah, C.....	2,000
Cape Town—Richard Guenther, Wis., C.-G.....	6,000
Cardiff—Lorin A. Lathrop, Cal., C.....	2,500
Charlottetown—Wesley Frost, Ky., C.....	2,000
Colombo—Charles K. Moser, Va., C.....	3,000
Cork—George E. Chamberlin, N. Y., C.....	2,500
Cornwall—Giles R. Taggart, N. J., C.....	2,000
Dawson—George C. Cole, W. Va., C.....	5,000
Dublin—Edward L. Adams, N. Y., C.....	4,000
Dundee—E. H. Dennison, O., C.....	4,000
Dunfermline—Howard D. Van Sant, N. J., C.....	3,500
Durban—N. B. Stewart, Ga., C.....	3,500
Edinburgh—Rufus Fleming, O., C.....	3,500
Fernie—Frank C. Denison, Vt., C.....	2,000
Fort Erie—H. J. Harvey, N. Y., C.....	2,000
Georgetown—Rea Hanna, N. Y., C.....	3,500
Gibraltar—R. L. Sprague, Mass., C.....	2,500
Glasgow—John N. McCune, Wis., C.....	4,500
Halifax—James W. Ragsdale, Cal., C.-G.....	4,500
Hamilton, Ber.—W. M. Greene, R. I., C.....	2,500
Hamilton, Ont.—James M. Shepard, Mich., C.....	3,000
Hobart—George M. Hanson, Utah, C.....	2,000
Hongkong—George E. Anderson, Ill., C.-G.....	8,000
Huddersfield—Franklin D. Hale, Vt., C.....	3,000
Hull—Lewis W. Haskell, S. C., C.....	2,500
Johannesburg—Edwin N. Gunsauls, O., C.....	5,000
Karachi—Stuart K. Lupton, Tenn., C.....	4,500
Kingston, Jamaica—Leo A. Bergholz, N. Y., C.....	4,500
Kingston, Ont.—Felix S. S. Johnson, N. J., C.....	2,500
Leeds—B. E. Chase, Pa., C.....	2,500
Liverpool—H. L. Washington, D. C., C.....	8,000
London—John L. Griffiths, Ind., C.-G.....	12,000
Madras—Jose de Olivares, N. Y., C.....	3,000
Malta—James O. Laing, Mo., C.....	2,500
Manchester—Church Howe, Neb., C.....	6,000
Melbourne—W. C. Magelsen, Minn., C.-G.....	3,000

Moncton—M. J. Hendrick, N. Y., C.....	2,000
Montreal—William H. Bradley, Ill., C.-G.....	6,000
Nassau—Henry D. Baker, Ill., C.....	3,000
Newcastle, N. S. W.—G. B. Killmaster, Mich., C.....	3,000
Newcastle-on-Tyne—Walter C. Hamm, Pa., C.....	3,000
Niagara Falls—E. W. Trimmer, N. Y., C.....	2,000
Nottingham—Samuel M. Taylor, O., C.....	4,500
Orilla—Harry P. Dill, Me., C.....	2,500
Ottawa—John G. Foster, Vt., C.-G.....	6,000
Owen Sound—(Vacancy), C.....	2,500
Plymouth—J. G. Stephens, Ind., C.....	2,500
Port Antonio—Julius D. Dreher, S. C., C.....	3,000
Port Elizabeth—E. A. Wakefield, Me., C.....	3,500
Port Louis—(Vacancy), C.....	2,000
Prescott—Martin R. Sackett, N. Y., C.....	2,500
Quebec—Gebhard Willich, Wis., C.....	3,500
Rangoon—M. K. Moorhead, Pa., C.....	3,500
Rimouski—F. M. Ryder, Conn., C.....	3,500
St. John, N. B.—Henry S. Culver, O., C.....	3,000
St. John's, N. F.—Jas. S. Benedict, N. Y., C.....	2,500
St. John's, Que.—A. J. McCannico, Miss., C.....	2,500
St. Stephen—C. A. McCullough, Me., C.....	2,000
Sandakan—O. H. Baker, Iowa, C.....	3,000
Sarnia—Fred C. Slater, Kas., C.....	2,500
Sault Ste. Marie—Geo. W. Shotts, Mich., C.....	2,500
Sheffield—Robert J. Thompson, Ill., C.....	3,000
Sherbrooke—Charles N. Daniels, Conn., C.....	3,500
Sierra Leone—William J. Yerby, Tenn., C.....	2,000
Singapore—E. S. Cunningham, Tenn., C.-G.....	4,500
Southampton—Albert W. Swalm, Iowa, C.....	4,500
Suva—(Vacancy), C.....	2,000
Swansea—C. L. Livingston, Pa., C.....	3,000
Sydney, N. S.—Charles M. Freeman, N. H., C.....	3,000
Sydney, N. S. W.—John P. Bray, N. D., C.-G.....	5,500
Toronto—R. S. Chilton, D. C., C.....	4,000
Trinidad—P. Emerson Taylor, Neb., C.....	3,000
Turks Island—Charles Torman, La., C.....	2,500
Vancouver—David F. Wilber, N. Y., C.-G.....	4,500
Victoria—A. E. Smith, Ill., C.....	4,000
Windsor, Ont.—H. A. Conant, Mich., C.....	2,500
Winnipeg—John E. Jones, D. C., C.-G.....	4,500
Yarmouth—A. J. Fleming, Mo., C.....	2,500

GREECE.

Athens—William H. Gale, Va., C.-G.....	3,000
Patras—Arthur B. Cooke, S. C., C.....	2,000

GUATEMALA.

Guatemala—George A. Bucklin, Jr., Okla., C.-G.....	3,500
--	-------

HAITI.

Cape Haitien—L. W. Livingston, Fla., C.....	2,000
Port au Prince—John B. Terres, N. Y., C.....	3,000

HONDURAS.

Celba—Harold D. Clum, N. Y., C.....	2,000
Puerto Cortes—David J. D. Myers, Ga., C.....	2,500
Tegucigalpa—A. T. Haerberle, Mo., C.....	2,500

ITALY.

Catania—Alexander W. Weddell, Va., C.....	3,000
Florence—Leo J. Keena, Mich., C.....	3,000
Genoa—James A. Smith, Vt., C.-G.....	4,500
Leghorn—Frank Deedmeayer, Ala., C.....	3,000
Milan—Charles M. Caughy, Md., C.....	4,000
Napies—William W. Handley, N. Y., C.....	4,000
Palermo—Hernando de Soto, Cal., C.....	3,500
Rome—Chapman Coleman, Ky., C.....	3,500
Turin—Charles B. Perry, Neb., C.....	3,000
Venice—James V. Long, Pa., C.....	2,000

JAPAN.

Dalny—Albert H. Pontius, Minn., C.....	3,500
Kobe—George N. West, D. C., C.....	5,000
Nagasaki—Carl F. Deichman, Mo., C.....	3,500
Seoul—G. H. Seidmore, Wis., C.-G.....	3,500
Tamsui—Samuel C. Reat, Ill., C.....	3,000
Yokohama—Thomas Sammons, Wash., C.-G.....	6,000

KONGO.

Boma—(Vacancy), C.-G.....	4,500
---------------------------	-------

LIBERIA.

Monrovia—William D. Crum, C.-G.....	5,000
-------------------------------------	-------

MEXICO.

Acapulco—C. S. Edwards, Minn., C.....	2,500
Aguaes Calientes—Gaston Schmutz, La., C.....	2,000
Chihuahua—Marion Letcher, Ga., C.....	2,500
Ciudad Juarez—T. D. Edwards, S. D., C.....	2,500
Ciudad Porfirio Diaz—L. T. Ellsworth, O., C.....	2,500
Durango—Theodore C. Hamm, Va., C.....	2,000
Ensenada—Frederick Simpich, Wash., C.....	2,000

Frontera—A. J. Lesplasse, N. Y., C.....	3,000
Guadalajara—Samuel E. Magill, Ill., C.....	3,500
Hermosillo—Louis Hostetter, Neb., C.....	2,000
La Paz—L. N. Sullivan, Pa., C.....	2,000
Manzanillo—Milton B. Kirk, Ill., C.....	\$2,000
Matamoros—J. H. Johnson, Tex., C.....	2,500
Mazatlan—William E. Alger, Mass., C.....	2,500
Mexico—Arnold Shanklin, Mo., C-G.....	6,000
Monterey—P. C. Hanna, Iowa, C-G.....	3,500
Nogales—A. V. Dye, Mo., C.....	2,500
Nuevo Laredo—A. B. Garrett, W. Va., C.....	2,500
Progreso—Wilbur T. Gracey, Mass., C.....	3,000
Sailina Cruz—Claude E. Guyant, Ill., C.....	2,000
Saltito—Philip F. Holland, Tenn., Ill., C.....	2,000
San Luis Potosi—W. L. Bonney, Ill., C.....	2,500
Tampico—Clarence A. Miller, Mo., C.....	3,000
Tapachula—F. W. Cauldwell, D. C., C.....	2,000
Vera Cruz—William W. Canada, Ind., C.....	4,500

MOROCCO.

Tangier—Maxwell Blake, Mo., C-G.....	3,500
--------------------------------------	-------

NETHERLANDS.

Amsterdam—Frank W. Mahin, Iowa, C.....	5,000
Batavia—B. S. Ralrden, Me., C.....	3,000
Curacao—Elias H. Cheney, N. H., C.....	2,500
Rotterdam—Soren Listoe, Minn., C-G.....	5,500

NICARAGUA.

Bluefields—Arthur J. Clare, D. C., C.....	3,500
Cape Gracias a Dios—(Vacancy), C.....	2,000
Corinto—J. W. Johnson, N. Y., C.....	3,000
Managua—(Vacancy), C.....	3,000

NORWAY.

Bergen—B. M. Rasmussen, Iowa, C.....	2,500
Christiania—Charles A. Holder, Col., C-G.....	3,000
Stavanger—Walter A. Leonard, Ill., C.....	2,000

OMAN.

Maskat—Homer Brett, Miss., C.....	2,000
-----------------------------------	-------

PANAMA.

Colon—James C. Kellogg, La., C.....	4,000
Panama—A. G. Snyder, W. Va., C-G.....	5,500

PARAGUAY.

Asuncion—Cornelius Ferris, Jr., Cal., C.....	2,000
--	-------

PERSIA.

Tabriz—Gordon Paddock, N. Y., C.....	3,000
Teheran—C. W. Wadsworth, N. Y., C-G.....	2,000

PERU.

Callao—William H. Robertson, Va., C.....	4,500
Iquitos—Stuart J. Fuller, Wis., C.....	3,000

PORTUGAL.

Lisbon—Will L. Lowrie, Ill., C-G.....	3,500
Laureno Marquez—G. A. Chamberlain, N. M., C.....	5,000
St. Michaels—Edward A. Creevey, N. J., C.....	3,000

ROUMANIA.

Bucharest—R. B. Strassburger, Pa., C-G.....	2,000
---	-------

RUSSIA.

Batum—Leslie A. Davis, N. Y., C.....	2,500
Moscow—J. H. Snodgrass, W. V., C-G.....	5,500
Odessa—John H. Groat, Mass., C.....	3,500
Riga—William F. Doty, N. J., C.....	\$3,000
St. Petersburg—Jacob E. Conner, Iowa, C.....	5,500
Wladivostok—John F. Jewell, Ill., C.....	3,500
Warsaw—Thomas E. Heenan, Minn., C.....	4,000

SALVADOR.

San Salvador—Thomas Hinkle, D. C., C-G.....	3,500
---	-------

SERVIA.

Belgrade—Maddin Summers, Tenn., C.....	2,000
--	-------

SIAM.

Bangkok—Sheldon L. Crosby, N. Y., C-G.....	2,000
--	-------

SPAIN.

Barcelona—Henry H. Morgan, La., C-G.....	5,500
Jeres de la Frontera—W. R. Dorsey, Md., C.....	2,500
Madrid—F. T. F. Dumont, Pa., C.....	2,500
Malaga—Robert Frazer, Jr., Pa., C.....	3,000
Seville—Charles S. Wilans, Mich., C.....	3,000
Tenerife—(Vacancy), C.....	2,500
Valencia—Claude I. Dawson, S. C., C.....	2,500

SWEDEN.

Gothenburg—Douglas Jenkins, S. C., C.....	2,500
Stockholm—Ernest L. Harris, Ill., C-G.....	3,500

SWITZERLAND.

Basel—George Gifford, Me., C.....	3,500
Bern—George Helmrod, Neb., C.....	3,500
Geneva—Francis B. Keene, Wis., C.....	3,500
St. Gall—D. I. Murphy, D. C., C.....	4,500
Zurich—Robert E. Mansfield, Ind., C-G.....	4,500

TURKEY.

Aleppo—J. B. Jackson, O., C.....	3,000
Alexandria—Arthur Garels, Mo., C.....	3,500
Bagdad—Emil Sauer, Tex., C.....	3,500
Beirut—W. S. Hollis, Mass., C-G.....	4,500
Cairo—Peter A. Jay, R. I., C-G.....	6,500
Constantinople—G. B. Rayndal, S. D., C-G.....	6,000
Harput—W. W. Masterson, Ky., C.....	3,000
Jerusalem—William Coffin, Ky., C.....	3,000
Mersina—Edward H. Nathan, Pa., C.....	3,500
Saloniki—John E. Kehl, O., C.....	3,500
Sivas—(Vacancy), C.....	2,000
Smyrna—George Horton, Ill., C.....	3,500
Trebizond—Alfred S. Northrup, Ill., C.....	2,500
Tripoli—John Q. Wood, H. I., C.....	2,500

URUGUAY.

Montevideo—Frank W. Goding, Ill., C.....	3,500
--	-------

VENEZUELA.

La Guaira—Thomas W. Voelter, N. M., C.....	3,000
Maracaibo—John A. Ray, Tex., C.....	2,500
Puerto Cabello—Herbert R. Wright, Iowa, C.....	2,000

ZANZIBAR.

Zanzibar—Perry C. Hays, Mont., C.....	2,500
---------------------------------------	-------

FOREIGN LEGATIONS IN THE UNITED STATES.

Argentina Republic—Senor Don Romulo S. Naon, E. E. and M. P.	
Don Manuel E. Malbran, secretary of legation.	
Austria-Hungary—Baron Hengelmuller von Henger- var, A. E. and P.	
Baron Erich Zwiedinek von Sudenhorst, counselor of legation.	
Konstantin von Maslovich, secretary.	
Belgium—Mr. E. Havenith, E. E. and M. P.	
Mr. Charles Symon, secretary of legation.	
Bolivia—Senor Don Ignacio Calderon, E. E. & M. P.	
Brazil—Mr. Domicio da Gama, A. E. and M. P.	
Mr. J. de Oliveira Murinedly, first secretary.	
Chile—Senor Don Eduardo Suarez, E. E. and M. P.	
Senor Don Felipe An, first secretary.	
China—Mr. Chang Yin Tang, E. E. and M. P.	
Mr. Yung Kwal, first secretary.	
Mr. Lu Ping Tien, secretary interpreter.	
Colombia—Senor Don Julio Betancourt, E. E. and M. P.	
Costa Rica—Senor Don Joaquin B. Calvo, E. E. and M. P.	
Cuba—Senor Antonio Martin-Rivero, E. E. and M. P.	
Senor Don Antonio Carrillo de Albornoz, first sec- retary.	
Denmark—Count Carl Moltke, E. E. and M. P.	
Dominican Republic—Senor Don Francisco J. Pey- nado, E. E. and M. P.	
Ecuador—Dr. Don Rafael Maria Arizaga, E. E. and M. P.	
France—Mr. J. J. Jusserand, A. E. and P.	
Mr. de Peretti de la Rocca, counselor.	
Capt. de Chambrun, military attache.	
Lieut.-Com. B. d'Azy, naval attache.	
Germany—Count Johann Heinrich von Bernstorff, A. E. and P.	
Mr. H. von Haimhausen, counselor and first sec- retary.	
Maj. von Herwarth, military attache.	
Commander Bay-Ed, naval attache.	
Great Britain—Rt.-Hon. James Bryce, A. E. and P. (Resigned Nov. 10, 1912.)	
Mr. A. M. Innes, counselor of embassy.	
Lieut.-Col. Moreton F. Gage, military attache.	
Capt. Heathcoat S. Grant, naval attache.	
Greece—Mr. I. A. Coromilas, M. R.	
Guatemala—Senor Don Joaquin Mendez, E. E. and M. P.	
Haiti—Mr. Solon Menos, E. E. and M. P.	
Honduras—Dr. Alberto Membrano, E. E. and M. P.	

Italy—Marchese Cusani Confalonieri, A. E. and P.
Mr. Giuseppe Catalani, counselor.
Japan—Viscount Suteimi Chinda, A. E. and P.
Mr. K. Shidehara, counselor.
Mexico—Senor Don Manuel Calero, A. E. and P.
Senor Don Arturo de la Cueva, first secretary.
Senor Don A. Alzara R. de Terreros, second secretary.
Netherlands—Jonkheer J. London, E. E. and M. P.
Mr. F. M. Schmolck, secretary.
Nicaragua—Senor Dr. Don Salvador Castrillo, Jr., E. E. and M. P.
Norway—Mr. H. H. Bryn, E. E. and M. P.
Mr. William M. Johannessen, secretary.
Panama—Senor Don Ricardo Arias, E. E. & M. P.
Paraguay—(Vacancy).
Persia—Mirza Ali Kuli Khan, E. E. and M. P.
Peru—Mr. Fredrico Alfonso Peget, E. E. & M. P.
Portugal—Viscount de Alte, E. E. and M. P.
Russia—Mr. George Bakmetieff, A. E. and P.

Mr. A. Stcherbatshy, counselor.
M. Boris Arsenieff, first secretary.
Col. Baron de Bode, military attache.
Capt. Vassilleff, naval attache.
Salvador—Senor Don Frederico Mejia, E. E. & M. P.
Siam—Prince Traldos Prabandh, E. E. and M. P.
Spain—Senor Don Juan Riano y Gayangos, E. E. and M. P.
Count Galarza, first secretary.
Senor Don Manuel Wallis y Morino, 2d secretary.
Lieut.-Col. Nicolas Urcullo y Cereijo, military attache.
Sweden—Mr. W. A. F. Ekengren, E. E. and M. P.
Count Claes Bonde, counselor of legation.
Switzerland—Dr. Paul Ritter, E. E. and M. P.
Mr. Henri Martin, secretary of legation.
Turkey—Yousouf Zia Pasia, E. E. and M. P.
R. Raif Bey, counselor.
Uruguay—Dr. Carlos Maria de Pena, E. E. and M. P.
Venezuela—Don P. Ezequiel Rojas, E. E. and M. P.

GREAT LAKES NAVAL TRAINING STATION.

North Chicago, Ill.

The great lakes naval training station at North Chicago, Ill., was placed in commission July 1, 1911, and the work of fitting young men for service in the enlisted force of the United States navy was at once begun. By Aug. 15, 389 recruits had been enrolled as apprentice seamen, most of them coming from the central west and south. The total amount expended for buildings and grounds, before the station opened, was \$3,475,000 and for maintenance \$406,648.

Enlistment—The term of enlistment is four years, except minors under 18 years of age, who are enlisted for the period of minority. Only such persons are enlisted as can be reasonably expected to remain in the service, and when enlisted they must serve out the term specified. The age limit is 17 to 35 years.

Physical Requirements—For a minor enlisting as an apprentice seaman the following minimum heights (barefooted) and weights (without clothes) are required:

Age.	Height.	Weight.
17.....	62 inches.....	110 pounds
18.....	64 inches.....	115 pounds
19.....	64 inches.....	120 pounds
20.....	64 inches.....	125 pounds

Any one of the following conditions will be sufficient to cause the rejection of an applicant: Feeble constitution, general poor physique or impaired general health; any disease or deformity, either congenital or acquired, that would impair efficiency; any acute disease.

Mental Requirements—Applicants for enlistment must be able to read and write English.

Other Requirements—Applicants for enlistment

must be American citizens, native or naturalized. A minor must present a certificate of birth or verified written consent by his parents or other of them, or in case of their death, a similar statement by his legal guardian, showing the applicant to be of the age required by the navy regulations.

Pay—The pay of apprentice seamen is \$17.60 per month. Each enlisted man is furnished with a free outfit of clothing, amounting to \$60, on first enlistment.

How to enlist—Any one who wishes to enlist in the navy should write to the bureau of navigation, navy department, Washington, D. C., stating such facts, and the bureau will immediately reply, giving the address of the nearest recruiting station, where applicants are examined physically and either accepted or rejected. The government pays the expenses from the point of enlistment to the training station but not to the recruiting station.

There are similar training stations at Narragansett Bay, R. I., and San Francisco, Cal.

OFFICERS AT GREAT LAKES STATION.

Commandant—Capt. W. F. Fullam.
Lieutenant-Commander—W. Smith.
Lieutenant—Glenn O. Carter.
Lieutenant—John J. Landon.
Surgeon—James S. Taylor.
Paymaster—Webb V. H. Rose.
Chaplain—Frank Thompson.
Civil Engineer—Frank T. Chambers.
Chief Boatswain—Gerald Olliff.
Boatswain—Nelson R. King.
Boatswain—George R. Reed.
Chief Machinist—Zenias H. Sherwin.
Chief Carpenter—Tony L. Hannah.

THE PAN-AMERICAN UNION.

The Pan-American union was established upon the recommendation of the first international American conference in 1890 for the purpose of maintaining closer relations between the republics of the western hemisphere. Its duties have been broadened since then and it is now a general clearing house of information concerning the nations of North, South and Central America. It publishes a monthly bulletin in which are given the latest official data concerning the resources, commerce and other features of the republics. The officers of the union occupy a fine building at the corner of 17th

street and Potomac park in Washington, D. C. The structure, which was built with money given by Andrew Carnegie, was dedicated April 26, 1910.

Following are the officers:

Director-General—John Barrett.
Assistant Director—Francisco J. Yanes.
Chief Statistician—William C. Wells.
Chief Clerk—Franklin Adams.
Chief Translator—Emilio M. Amores.
Librarian—Charles E. Babcock.
Special Compiler—Albert Hale.

THE UNITED STATES CENSUS BUREAU.

The bureau of the census in the department of commerce and labor, Washington, D. C., is charged with the duty of taking the periodical censuses of the United States and of collecting such special statistics as are required by congress, including statistics of the cotton production of the country as returned by the ginners, the consumption of cotton and statistics of cities having 30,000 or more inhabitants.

The act passed at the extra session of the 61st

congress and approved July 2, 1909, for the taking of the thirteenth and subsequent censuses provided that a census should be taken of the population, agriculture, manufactures and mines and quarries of the United States in 1910 and every ten years thereafter, and that it should include each state and territory on the mainland, the District of Columbia, Alaska, Hawaii and Porto Rico. An assistant director, a geographer, a chief statistician and other officers and clerks in addition to the regular force in the census office were provided for.

Sporting Records.

Corrected to Dec. 1, 1912.

BASEBALL SEASON OF 1912.

NATIONAL LEAGUE. STANDING OF THE CLUBS.

Club.	New York.	Pittsburgh.	Chicago.	Cincinnati.	Philadelphia.	St. Louis.	Boston.	Won.	Percentage.
New York.....	8	12	9	16	17	15	16	18	.682
Pittsburgh.....	8	14	11	14	15	14	18	94	.616
Chicago.....	13	8	11	10	15	17	17	91	.607
Cincinnati.....	6	11	10	—	8	13	16	11	.490
Philadelphia.....	5	8	10	14	—	11	13	12	.73
St. Louis.....	7	7	7	9	11	—	12	13	.63
Brooklyn.....	6	8	5	6	9	11	—	13	.58
Boston.....	3	4	5	11	10	10	9	—	.349
Lost.....	48	58	60	78	79	90	95	101	

TWENTY LEADING BATSMEN IN 1912. (Playing in fifty games or more.)

	G.	A.B.	R.	H.	T.B.	S.	H.	S.B.	Pct.
Zimmerman, Chi.....	145	557	95	207	318	18	23	.372	
Meyers, New York.....	126	371	60	133	177	9	8	.358	
Sweeney, Boston.....	153	593	84	204	264	33	27	.344	
Evers, Chicago.....	143	478	73	163	211	14	16	.341	
Doyle, New York.....	143	558	98	184	263	13	36	.330	
Robert, Phila.....	65	257	37	84	112	10	13	.327	
Wagner, Pitts.....	145	558	91	181	277	11	26	.324	
Kirke, Boston.....	103	359	53	115	146	9	7	.320	
Marsans, Cin.....	110	416	59	132	168	9	35	.317	
Kling, Boston.....	81	252	26	80	102	7	3	.317	
Dolan, Pitts.....	77	244	27	77	108	10	8	.316	
Paskert, Phila.....	145	540	102	170	221	11	36	.315	
Konetchy, St. L.....	143	538	81	169	245	17	25	.314	
Crandall, N. Y.....	50	80	9	25	35	3	0	.313	
Titus, Boston.....	141	502	99	155	224	15	11	.309	
Merkle, New York.....	129	479	82	148	215	8	37	.309	
Daubert, Brooklyn.....	145	559	81	172	232	14	29	.308	
W. Miller, Chicago.....	86	241	45	74	93	8	11	.307	
S. Magee, Phila.....	162	464	79	142	203	29	30	.306	
Wheat, Brooklyn.....	123	453	70	138	204	7	16	.305	

CHAMPION BATTERS SINCE 1876.

Batter and club.	Average.
1876—Barnes, Chicago.....	.403
1877—White, Boston.....	.385
1878—Dalrymple, Milwaukee.....	.380
1879—Anson, Chicago.....	.407
1880—Gore, Chicago.....	.365
1881—Anson, Chicago.....	.393
1882—Brouthers, Buffalo.....	.367
1883—Brouthers, Buffalo.....	.371
1884—O'Rourke, Buffalo.....	.350
1885—Connor, New York.....	.371
1886—Kelly, Chicago.....	.388
1887—Maul, Philadelphia.....	.343
1888—Anson, Chicago.....	.343
1889—Brouthers, Boston.....	.313
1890—Luby, Chicago.....	.342
1891—Hamilton, Boston.....	.338
1892—Brouthers, Boston.....	.335
1893—Stenzel, Pittsburgh.....	.409
1894—Duffy, Boston.....	.438
1895—Burkett, Cleveland.....	.438
1896—Burkett, Cleveland.....	.419
1897—Keeler, Baltimore.....	.417
1898—Keeler, Baltimore.....	.387
1899—Deleahanty, Philadelphia.....	.408
1900—Wagner, Pittsburgh.....	.384
1901—Burkett, St. Louis.....	.382
1902—Beaumont, Pittsburgh.....	.367
1903—Wagner, Pittsburgh.....	.355
1904—Wagner, Pittsburgh.....	.349
1905—Seymour, Cincinnati.....	.377
1906—Wagner, Pittsburgh.....	.339
1907—Wagner, Pittsburgh.....	.350
1908—Wagner, Pittsburgh.....	.354
1909—Wagner, Pittsburgh.....	.341
1910—Magee, Philadelphia.....	.331
1911—Wagner, Pittsburgh.....	.334
1912—Zimmerman, Chicago.....	.372

CHAMPIONSHIP RECORD.

Club.	Won.	Lost.	Pct.
1876—Chicago.....	52	14	.788
1877—Boston.....	31	17	.648
1878—Boston.....	41	19	.707
1879—Providence.....	55	23	.705
1880—Chicago.....	67	17	.798
1881—Chicago.....	56	28	.667
1882—Chicago.....	55	29	.655
1883—Boston.....	63	35	.643
1884—Providence.....	84	28	.750
1885—Chicago.....	87	25	.776
1886—Chicago.....	90	34	.725
1887—Detroit.....	79	45	.637
1888—New York.....	84	47	.641
1889—New York.....	83	43	.659
1890—Brooklyn.....	86	43	.667
1891—Boston.....	87	51	.630
1892—Boston.....	102	48	.680
1893—Boston.....	86	44	.662
1894—Baltimore.....	89	39	.695
1895—Baltimore.....	87	43	.669
1896—Baltimore.....	90	39	.698
1897—Boston.....	93	39	.735
1898—Boston.....	91	47	.659
1899—Brooklyn.....	101	47	.682
1900—Brooklyn.....	82	54	.603
1901—Pittsburgh.....	90	49	.647
1902—Pittsburgh.....	103	36	.741
1903—Pittsburgh.....	91	49	.650
1904—New York.....	106	47	.693
1905—New York.....	105	48	.686
1906—Chicago.....	116	36	.763
1907—Chicago.....	107	45	.704
1908—Chicago.....	99	55	.643
1909—Pittsburgh.....	110	42	.725
1910—Chicago.....	104	50	.675
1911—New York.....	99	54	.647
1912—New York.....	103	48	.682

AMERICAN LEAGUE.

STANDING OF THE CLUBS.

Club.	Boston.	Washington.	Philadelphia.	Chicago.	Cleveland.	Detroit.	St. Louis.	New York.	Won.	Percentage.
Boston.....	12	15	16	11	15	17	19	105	.691	
Washington.....	10	7	13	18	14	14	15	91	.599	
Philadelphia.....	7	13	—	10	14	13	16	17	.592	
Chicago.....	6	9	12	—	11	14	13	78	.506	
Cleveland.....	11	4	8	11	—	13	15	75	.490	
Detroit.....	6	8	9	8	9	—	13	16	.69	.451
St. Louis.....	5	8	6	9	7	9	—	53	.344	
New York.....	2	7	5	9	8	6	13	—	.329	
Lost.....	47	61	62	76	78	84	101	102		

TWENTY LEADING BATSMEN IN 1912.

	G.	A.B.	R.	H.	T.B.	S.	H.	S.B.	Pct.
Cobb, Detroit.....	140	553	119	227	324	8	61	.410	
Jackson, Cleveland.....	152	572	121	226	331	15	35	.395	
Speaker, Boston.....	153	580	136	222	328	7	52	.383	
Lajoie, Cleveland.....	117	448	66	165	207	17	18	.368	
Collins, Phila.....	153	543	137	189	236	29	63	.348	
Baker, Phila.....	149	577	116	200	312	11	40	.347	
Cree, New York.....	60	190	25	63	86	1	12	.332	
McInnis, Phila.....	153	568	83	186	246	29	27	.327	
Crawford, Detroit.....	149	581	81	189	273	19	41	.325	
Williams, Wash.....	56	157	14	50	69	3	2	.318	
Gardner, Boston.....	143	517	83	163	232	16	25	.315	
Easterly, Chicago.....	93	241	22	75	84	5	4	.311	
Laporte, Wash.....	119	402	45	125	158	14	10	.311	
Turner, Cleveland.....	103	370	54	114	136	17	19	.308	
Milan, Wash.....	154	601	105	184	228	5	88	.306	
Gandil, Wash.....	117	443	59	135	191	18	21	.305	
Griggs, Cleveland.....	89	273	29	83	113	7	10	.304	
Pratt, St. Louis.....	151	570	76	172	243	12	24	.302	
Stahl, Boston.....	95	326	40	98	140	17	13	.301	
Oldring, Phila.....	98	395	61	119	146	18	17	.301	

CHAMPION BATTERS SINCE 1900.

Batter and club.		
1900-Dungan, Kansas City.....	337	
1901-Lajoie, Philadelphia.....	422	
1902-Delehanty, Washington.....	376	
1903-Lajoie, Cleveland.....	355	
1904-Lajoie, Cleveland.....	381	
1905-Lajoie, Cleveland.....	329	
1906-Stone, St. Louis.....	358	
1907-Cobb, Detroit.....	350	
1908-Criss, St. Louis.....	354	
1909-Cobb, Detroit.....	375	
1910-Cobb, Detroit.....	385	
1911-Cobb, Detroit.....	420	
1912-Cobb, Detroit.....	410	

CHAMPIONSHIP RECORD.

Club.	Won.	Lost.	Pct.
1900-Chicago.....	82	53	.607
1901-Chicago.....	83	53	.610
1902-Philadelphia.....	83	53	.610
1903-Boston.....	91	47	.659
1904-Boston.....	95	59	.617
1905-Philadelphia.....	92	56	.622
1906-Chicago.....	93	58	.616
1907-Detroit.....	92	58	.613
1908-Detroit.....	90	63	.588
1909-Detroit.....	98	54	.645
1910-Philadelphia.....	102	48	.680
1911-Philadelphia.....	101	50	.669
1912-Boston.....	105	47	.691

CHALMERS TROPHY WINNERS.

Trophy awarded annually by vote of eight baseball reporters to best and most valuable player in each of the two major leagues.

1911-Frank Schulte, Chicago Nationals.

Tyrus Cobb, Detroit Americans.

1912-Tris Speaker, Boston Americans.

Larry Doyle, New York Nationals.

WORLD'S CHAMPIONSHIP GAMES.

The New York National and the Boston American league baseball teams, champions in their respective associations, played for the championship of the world with the following result:

IN NEW YORK, OCT. 8.

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	3	1	1	2	1	1	0	1	0	0
Yerkes, 2b.....	4	0	1	1	0	0	0	2	1	0
Speaker, cf.....	3	1	1	3	1	0	0	0	1	0
Lewis, lf.....	3	0	0	0	0	1	0	2	0	0
Gardner, 3b.....	4	0	0	0	0	0	0	1	1	0
Stahl, 1b.....	4	0	0	0	0	0	0	6	1	0
Wagner, ss.....	3	1	2	3	1	0	0	2	3	0
Cady, c.....	3	0	1	1	0	1	0	11	1	0
Wood, p.....	3	1	0	0	1	0	0	1	1	0

Total.....30 4 6 10 4 3 0 27 9 0

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Devore, lf.....	3	1	0	0	1	0	0	0	0	0
Doyle, 2b.....	4	1	2	3	0	0	0	2	7	0
Snodgrass, cf.....	4	0	2	2	0	0	0	2	0	0
Murray, rf.....	3	0	1	1	1	0	0	1	0	0
Merkle, 1b.....	4	1	1	1	0	0	0	12	0	0
Herzog, 3b.....	4	0	2	2	0	0	0	1	1	0
Meyers, c.....	3	0	1	2	0	0	0	5	1	0
Fletcher, ss.....	4	0	0	0	0	0	0	3	1	0
Tesreau, p.....	2	0	0	0	0	0	0	2	0	0
McCormick*.....	1	0	0	0	0	0	0	0	0	0
Crandall, p.....	1	0	0	0	0	0	0	0	1	0
Becker†.....	0	0	0	0	0	0	0	0	0	0

Total.....33 3 9 11 2 0 0 27 13 1

*Batted for Tesreau in seventh.

†Ran for Meyers in ninth.

Boston.....	0	0	0	0	1	3	0	0	4	0
New York.....	0	0	2	0	0	0	0	0	1	3

Left on bases—New York, 6; Boston, 6. Two-base hits—Doyle, Hooper, Wagner, Meyers. Three-base hit—Speaker. Struck out—By Wood, 11 (Devore, Snodgrass, Meyers, Merkle, Herzog, Fletcher, 3, Tesreau, 2, Crandall); by Tesreau, 4 (Stahl, Hooper, Gardner, Speaker); by Crandall, 2 (Gardner, Stahl). Bases on balls—Off Tesreau, 4. Double play—Stahl-Wood. Hits—Off Tesreau, 5 in 7 innings, at bat 24; off Crandall, 1 in 2 innings, at bat 6. Hit by pitcher—Meyers. Time—2:10. Umpires—Klem and Evans, O'Loughlin and Rigler. Paid attendance, 35,730; gross receipts, \$75,127.

IN BOSTON, OCT. 9.

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Snodgrass, lf.-rf.....	4	1	1	2	1	0	1	0	0	0
Doyle, 2b.....	5	0	1	1	1	0	0	2	6	0
Becker, cf.....	4	1	0	0	2	0	0	0	0	0
Murray, rf.-lf.....	5	2	3	6	0	0	0	3	0	0
Merkle, 1b.....	5	1	1	3	0	0	0	19	0	1
Herzog, 3b.....	4	2	3	6	1	1	2	4	0	1
Meyers, c.....	4	0	2	2	1	0	0	5	0	0
Wilson, c.....	0	0	0	0	0	0	0	0	1	1
Fletcher, ss.....	4	0	0	0	0	1	0	1	3	2
Mathewson, p.....	5	0	0	0	0	0	0	1	7	0
Shaffer, ss.....	0	0	0	0	0	0	0	0	2	0
McCormick*.....	0	0	0	0	0	1	0	0	0	0

Total.....40 6 11 20 5 3 2 33 23 4

*Batted for Fletcher in tenth.

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	5	1	3	4	0	0	1	4	0	0
Yerkes, 2b.....	5	1	1	3	0	0	0	3	4	0
Speaker, cf.....	5	2	2	4	0	0	0	2	0	0
Lewis, lf.....	5	2	3	4	0	0	0	1	2	0
Gardner, 3b.....	4	0	1	1	0	1	0	1	0	0
Stahl, 1b.....	5	0	2	2	0	0	1	10	0	0
Wagner, ss.....	5	0	0	0	0	0	0	5	5	0
Carrigan, c.....	5	0	0	0	0	0	0	6	4	0
Collins, p.....	3	0	0	0	0	0	0	0	1	0
Hall, p.....	1	0	0	0	0	0	0	0	0	0
Bedient, p.....	1	0	0	0	0	0	0	0	0	0

Total.....44 6 11 18 0 1 2 33 14 1

New York.....	0	1	0	1	0	0	3	0	1	0
Boston.....	3	0	0	1	0	0	1	0	1	0

Two-base hits—Snodgrass, Hooper, Murray, Lewis (2), Herzog. Three-base hits—Herzog, Murray, Yerkes, Speaker. Struck out—By Collins, 5 (Doyle, Merkle, Mathewson 2, Snodgrass); by Bedient, 2 (Snodgrass, Doyle); by Mathewson 4 (Stahl, Collins 2, Wagner). Bases on balls—Off Hall, 4; off Bedient, 1. Double play—Fletcher-Herzog. Hits—Off Collins, 9 in 7½ innings; off Hall, 1 in 2½ innings; off Bedient, 1 in 1 inning. Hit by pitcher—By Bedient, Snodgrass. Time—2:40. Umpires—O'Loughlin and Rigler, Evans and Klem. Paid attendance, 30,148; gross receipts, \$53,369.

IN BOSTON, OCT. 10.

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Devore, rf.....	4	0	2	2	0	0	1	2	0	0
Doyle, 2b.....	3	0	0	0	1	0	0	3	1	0
Snodgrass, cf.....	4	0	1	1	0	0	0	0	0	0
Murray, lf.....	4	1	1	2	0	0	0	5	0	0
Merkle, 1b.....	3	0	0	0	0	1	0	5	0	1
Herzog, 3b.....	2	1	1	2	0	1	0	1	3	0
Meyers, c.....	4	0	1	1	0	0	0	8	1	0
Fletcher, ss.....	3	0	1	1	0	1	0	3	2	0
Marquard, p.....	1	0	0	0	1	1	0	0	2	0

Total.....28 2 7 9 3 3 2 27 9 1

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	3	0	0	0	1	0	0	1	0	0
Yerkes, 2b.....	4	0	1	1	0	0	0	3	1	0
Speaker, cf.....	4	0	1	1	0	0	0	3	1	0
Lewis, lf.....	4	1	2	2	0	0	0	4	0	0
Gardner, 3b.....	3	0	1	2	0	1	0	0	2	0
Stahl, 1b.....	4	0	2	3	0	0	0	11	1	0
Wagner, ss.....	4	0	0	0	0	0	0	1	3	0
Carrigan, c.....	2	0	0	0	0	0	0	3	1	0
Engle*.....	1	0	0	0	0	0	0	0	0	0
Cady, c.....	1	0	0	0	0	0	0	0	1	0
O'Brien, p.....	2	0	0	0	0	0	0	1	5	0
Balt†.....	1	0	0	0	0	0	0	0	0	0
Bedient, p.....	0	0	0	0	0	0	0	0	0	0

Total.....33 1 7 9 1 1 1 27 15 0

*Batted for Carrigan in eighth.

†Batted for O'Brien in eighth.

New York.....	0	1	0	1	0	0	0	0	2	0
Boston.....	0	0	0	0	0	0	0	0	1	1

Two-base hits—Murray, Herzog, Stahl, Gardner. Struck out—By Marquard, 6; by O'Brien, 3. Bases on balls—Off O'Brien, 3; off Marquard, 1. Double play—Speaker-Stahl. Hits—Off O'Brien, 6 in 3 innings. Hit by pitcher—By Bedient, Herzog. Time—2:16. Umpires—Evans at plate, Klem on bases, Rigler right field, O'Loughlin left field. Paid attendance, 34,624; gross receipts, \$63,142.

IN NEW YORK, OCT. 11.

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	4	0	1	1	0	0	0	1	0	0
Yerkes, 2b.....	3	0	1	1	0	1	0	2	5	0
Speaker, cf.....	4	0	1	2	0	0	0	2	0	0
Lewis, lf.....	4	0	0	0	0	0	0	1	0	0
Gardner, 3b.....	3	2	2	4	1	0	0	0	2	2
Stahl, 1b.....	3	1	0	0	0	1	1	9	0	0
Wagner, ss.....	3	0	0	0	1	0	0	3	3	1
Cady, c.....	4	0	1	0	0	0	0	10	0	0
Wood, p.....	4	0	2	2	0	0	0	0	2	0

Total32 3 8 11 3 2 1 27 12 1

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Devore, lf.....	4	0	1	1	0	0	0	0	0	0
Doyle, 2b.....	4	0	1	1	0	0	0	4	7	0
Snodgrass, cf.....	4	0	0	0	0	0	0	2	7	0
Murray, lf.....	4	0	1	1	0	0	0	1	4	0
Merkle, 1b.....	4	1	2	2	0	0	0	2	1	0
Herzog, 3b.....	4	0	0	0	0	0	0	5	1	1
Meyers, c.....	4	0	0	0	0	0	0	5	1	1
Fletcher, ss.....	4	0	1	2	0	0	0	3	6	0
Tesreau, p.....	2	0	1	1	0	0	0	0	2	0
McCormick*.....	1	0	1	1	0	0	0	0	0	0
Ames, p.....	0	0	0	0	0	0	0	0	1	0

Total35 1 9 10 0 0 0 1 27 12 1

*Batted for Tesreau in seventh.

Boston0 1 0 1 0 0 0 0 0 1-3

New York0 0 0 0 0 0 0 0 1 0 0-1

Two-base hits—Fletcher, Speaker. Three-base hit—Gardner. Struck out—By Tesreau, Cady (2), Lewis, Stahl, Wagner; by Wood, Devore, Merkle, Murray (2), Tesreau, Snodgrass, Meyers. Bases on balls—Off Tesreau, 2; off Ames, 1. Double play—Fletcher-Merkle. Wild pitch—Tesreau. Time—2:06. Umpires—Rigler and O'Loughlin, Klem and Evans. Paid attendance, 36,502; gross receipts, \$76,644.

IN BOSTON, OCT. 12.

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Devore, lf.....	2	0	0	0	2	0	0	0	1	0
Doyle, 2b.....	4	0	0	0	0	0	0	0	2	1
Snodgrass, cf.....	4	0	0	0	0	0	0	2	0	0
Murray, rf.....	3	0	0	0	1	0	0	0	3	1
Merkle, 1b.....	4	1	1	2	0	0	0	15	0	0
Herzog, 3b.....	4	0	0	0	0	0	0	2	2	0
Meyers, c.....	3	0	1	1	0	0	0	2	0	0
Fletcher, ss.....	2	0	0	0	0	0	0	2	4	0
Shafer, ss.....	0	0	0	0	0	0	0	1	1	0
Mathewson, p.....	3	0	1	1	0	0	0	0	3	0
McCormick*.....	1	0	1	1	0	0	0	0	0	0

Total30 1 4 5 3 0 0 0 24 13 1

*Batted for Fletcher in seventh.

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	4	1	2	4	0	0	0	5	0	0
Yerkes, 2b.....	4	1	1	3	0	0	0	3	3	0
Speaker, cf.....	3	0	1	1	0	0	0	3	0	0
Lewis, lf.....	3	0	0	0	0	0	0	0	0	0
Gardner, 3b.....	3	0	0	0	0	0	0	3	2	0
Stahl, 1b.....	2	0	0	0	0	0	0	7	0	0
Wagner, ss.....	3	0	1	1	0	0	0	1	1	0
Cady, c.....	3	0	0	0	0	0	0	5	0	0
Bedient, p.....	3	0	0	0	0	0	0	0	0	0

Total29 2 5 9 0 0 0 0 27 6 0

New York0 0 0 0 0 0 0 1 0 0-1

Boston0 2 0 0 0 0 0 0 *2

Two-base hit—Merkle. Three-base hits—Hooper, Yerkes. Struck out—By Mathewson, Gardner, Wagner; by Bedient, Merkle, Mathewson, Devore. Double play—Wagner-Yerkes-Stahl. Time—1:33. Umpires—O'Loughlin and Rigler, Evans and Klem. Paid attendance, 34,653; gross receipts, \$63,201.

IN NEW YORK, OCT. 14.

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	4	0	1	1	0	0	0	2	2	0
Yerkes, 2b.....	4	0	2	2	0	0	0	3	1	1
Speaker, cf.....	3	0	0	1	0	0	1	5	0	0
Lewis, lf.....	4	0	0	0	0	0	0	0	0	0
Gardner, 3b.....	4	1	1	1	1	0	0	1	0	0
Stahl, 1b.....	4	1	2	2	0	0	0	8	0	0
Wagner, ss.....	4	0	0	0	0	0	0	3	0	0
Cady, c.....	3	0	1	1	0	0	0	3	2	1
O'Brien, p.....	0	0	0	0	0	0	0	0	1	0
Engle*.....	1	0	1	2	0	0	0	0	0	0
Collins, p.....	2	0	0	0	0	0	0	0	2	0

Total33 2 8 9 2 0 0 1 24 9 2

*Batted for O'Brien in second.

New York.

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Devore, lf.....	4	0	1	1	0	0	0	2	0	0
Doyle, 2b.....	4	1	1	1	0	0	1	1	1	0
Snodgrass, cf.....	4	0	1	1	0	0	0	6	0	0
Murray, lf.....	3	1	2	2	0	0	0	7	0	0
Merkle, 1b.....	3	1	2	3	0	0	0	4	1	0
Herzog, 3b.....	3	1	1	2	0	0	0	2	2	0
Meyers, c.....	3	1	2	4	0	0	1	5	0	0
Fletcher, ss.....	3	0	1	1	0	0	0	0	2	0
Marquard, p.....	3	0	0	0	0	0	0	0	2	0

Total30 5 11 15 0 0 2 27 8 0

New York5 0 0 0 0 0 0 0 0 *5

Boston0 2 0 0 0 0 0 0 0 0-2

Two-base hits—Merkle, Herzog, Engle. Three-base hit—Meyers. Struck out—By O'Brien, 1 (Snodgrass); by Collins, 1 (Devore); by Marquard, 3 (Wagner, Gardner, Stahl). Double plays—Fletcher-Doyle-Merkle, Hooper-Stahl. Hits—Off O'Brien, 6 in 1 inning; off Collins, 5 in 7 innings. Balk—O'Brien. Time—1:57. Umpires—Klem and Evans, Rigler and O'Loughlin. Paid attendance, 30,622; gross receipts, \$66,654.

IN BOSTON, OCT. 15.

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Devore, lf.....	4	2	1	1	2	0	2	3	1	0
Doyle, 2b.....	4	3	3	6	1	0	1	2	3	2
Snodgrass, cf.....	5	1	2	3	0	0	0	1	0	0
Murray, lf.....	4	0	0	0	0	1	0	1	0	0
Merkle, 1b.....	5	1	2	3	0	0	0	10	0	1
Herzog, 3b.....	4	2	1	1	1	0	0	0	3	0
Meyers, c.....	4	1	3	3	0	0	0	7	0	0
Wilson,.....	1	0	1	1	0	0	0	1	0	0
Fletcher, ss.....	5	1	1	1	0	0	0	2	4	0
Tesreau, p.....	4	0	2	2	1	0	0	0	6	0

Total40 11 16 21 5 1 3 27 16 3

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	3	0	1	1	1	0	1	0	0	0
Yerkes, 2b.....	4	0	0	0	1	0	0	1	4	0
Speaker, cf.....	4	1	1	1	0	0	0	4	0	1
Lewis, lf.....	4	1	1	2	1	0	0	3	0	0
Gardner, 3b.....	4	1	1	4	0	0	0	2	0	0
Stahl, 1b.....	5	0	1	1	0	0	0	11	1	0
Wagner, ss.....	5	0	1	1	0	0	0	4	4	0
Cady, c.....	4	1	0	0	0	0	0	1	1	0
Wood, p.....	0	0	0	0	0	0	0	0	2	0
Hall, p.....	3	0	3	4	1	0	0	0	5	1

Total36 4 9 14 5 1 0 27 17 2

Boston0 1 0 0 0 0 2 1 0-4

New York6 1 0 0 0 2 1 0 1-11

Two-base hits—Snodgrass, Merkle, Hall, Lewis. Home runs—Gardner, Doyle. Struck out—By Tesreau, Hooper (2), Cady, Yerkes, Gardner, Wagner; by Hall, Herzog, Bases on balls—Off Hall, 5; off Tesreau, 5. Double plays—Devore-Meyers, Speaker (unassisted). Hits—Off Wood, 7 in 1 inning; off Hall, 9 in 8 innings. Hit by pitcher—By Tesreau, Gardner. Wild pitches—Tesreau, 2. Time—2:20. Umpires—Evans at plate, Klem on bases, Rigler in right field, O'Loughlin in left field. Paid attendance, 32,894; gross receipts, \$57,196.

IN BOSTON, OCT. 16.

New York.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Devore, rf.....	3	1	1	1	2	0	1	2	0	0
Doyle, 2b.....	5	0	0	0	0	0	0	1	5	1
Snodgrass, cf.....	4	0	1	1	1	0	0	5	1	1
Murray, lf.....	5	1	2	4	0	0	0	3	0	0
Merkle, 1b.....	5	0	1	1	0	0	0	10	0	0
Herzog, 3b.....	5	0	2	3	0	0	0	2	1	0
Meyers, c.....	3	0	0	0	1	1	1	4	1	0
Fletcher, ss.....	3	0	1	1	0	0	0	1	2	3
Shafer, ss.....	0	0	0	0	0	0	0	0	0	0
Mathewson, p.....	4	0	1	1	0	0	0	0	3	0
McCormick*.....	1	0	0	0	0	0	0	0	0	0

Total38 2 9 12 4 1 3 29 14 2

*Ratted for Fletcher in ninth.

†Two out when winning run scored.

Boston.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Hooper, rf.....	5	0	0	0	0	0	3	0	0	0
Yerkes, 2b.....	4	1	1	1	1	0	0	3	0	0
Speaker, cf.....	4	0	2	2	1	0	0	2	0	1
Lewis, lf.....	4	0	0	0	1	0	0	1	0	0
Gardner, 3b.....	3	0	1	2	1	1	0	1	4	1
Stahl, 1b.....	4	1	2	3	0	0	15	0	0	0
Wagner, ss.....	3	0	1	1	1	0	0	3	4	1
Cady, c.....	4	0	0	0	0	0	0	5	2	0
Bedient, p.....	2	0	0	0	0	0	0	0	1	0
Wood, p.....	0	0	0	0	0	0	0	0	2	0
Henriksen*.....	1	0	1	2	0	0	0	0	0	0
Engle*.....	1	1	0	0	0	0	0	0	0	0

Total35 3 8 11 5 1 0 30 16 3 3

†Batted for Bedient in seventh.

‡Batted for Wood in tenth.

Boston	0	0	0	0	0	0	1	0	0	2-3
New York.....	0	0	1	0	0	0	0	0	0	1-2

Two-base hits—Murray (2), Herzog, Gardner, Henriksen. Struck out—By Mathewson, Yerkes, Lewis, Speaker, Stahl; by Bedient, Merkle, Fletcher; by Wood, Mathewson, Herzog. Bases on balls—Off Bedient, 3; off Wood, 1; off Mathewson, 5. Hits—Off Bedient, 6 in 7 innings. Time—2:30. Umpires—O'Loughlin at plate, Rigler on bases, Evans in right field, Klem in left field. Paid attendance, 17,034; gross receipts, \$30,500.

SUMMARY.

Games won, Boston, 4; New York, 3; tied game, 1.	
Paid attendance.....	252,237
Gross receipts.....	\$490,833.00
Players' pool (four games).....	147,572.23
Red Sox's share of pool.....	88,543.37
Giants' share of pool.....	59,028.91
Each club's share.....	147,088.71
Commission's share.....	49,083.30

The Red Sox received 60 per cent of the players' pool, \$88,543.37, which divided among twenty-two eligible players made each winner's share \$4,024.69.

The Giants got 40 per cent of the players' pool, \$59,028.91, which divided among twenty-three eligible players made each loser's share \$2,566.47.

PREVIOUS WORLD'S SERIES.

- 1903—Games won, Boston Americans, 5; Pittsburgh Nationals, 3. Winning pitchers, Dineen, 3; Young, 2; Phillippe, 3.
- 1905—Games won, New York Nationals, 4; Philadelphia Americans, 1. Winning pitchers, Mathewson, 3; McGinnity, 1; Bender, 1.
- 1906—Games won, Chicago Americans, 4; Chicago Nationals, 2. Winning pitchers, Walsh, 2; White, 1; Altrock, 1; Brown, 1; Reulbach, 1.
- 1907—Games won, Chicago Nationals, 4; Detroit Americans, 0; draw, 1. Winning pitchers, Brown, 2; Reulbach, 1; Overall, 1.
- 1908—Games won, Chicago Nationals, 4; Detroit Americans, 0; Winning pitchers, Brown, 2; Overall, 2; Reulbach, 1.
- 1909—Games won, Pittsburgh Nationals, 4; Detroit Americans, 3. Winning pitchers, Adams, 3; Willis, 1; Mullin, 2; Donovan, 1.
- 1910—Games won, Philadelphia Americans, 4; Chicago Nationals, 1. Winning pitchers, Bender, 1; Coombs, 3; Cole, 1.
- 1911—Games won, Philadelphia Americans, 4; New York Nationals, 2. Winning pitchers, Plank, 1; Coombs, 1; Bender, 2; Mathewson, 1; Crandall, 1.

CHICAGO CHAMPIONSHIP GAMES (1912).

SOUTH SIDE, OCT. 9.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheckard, lf.....	4	0	0	0	0	0	0	2	0	0
Miller, cf.....	3	0	0	0	0	0	0	2	0	0
Tinker, ss.....	3	0	1	2	0	0	0	2	4	0
Zimmerman, 3b.....	3	0	0	0	0	0	0	0	3	0
Schulte, rf.....	3	0	0	0	0	0	0	1	0	0
Saier, 1b.....	3	0	0	0	0	0	0	12	0	0
Evers, 2b.....	3	0	0	0	0	0	0	4	1	1
Archer, c.....	3	0	0	0	0	0	0	4	4	0
Lavender, p.....	3	0	0	0	0	0	0	0	4	0

Total28 0 1 2 0 0 0 0 27 16 1

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Rath, 2b.....	4	0	0	0	0	0	0	0	3	1
Lord, lf.....	4	0	1	1	0	0	0	4	0	0
Collins, rf.....	4	0	2	2	0	0	0	2	0	0
Bodie, cf.....	3	0	1	2	0	1	0	0	0	0
Borton, 1b.....	2	0	0	0	0	1	0	10	0	0
Zeider, 3b.....	3	0	0	0	0	0	0	2	1	0
Weaver, ss.....	3	0	0	0	0	0	0	1	2	0
Sullivan, c.....	3	0	0	0	0	0	0	8	0	0
Walsh, p.....	3	0	2	3	0	0	0	0	4	0

Total29 0 6 8 0 2 0 27 10 1

Cubs0 0 0 0 0 0 0 0 0 0 0

White Sox.....0 0 0 0 0 0 0 0 0 0 0

Two-base hits—Bodie, Tinker, Walsh. Struck out—By Walsh, Sheckard (2), Lavender (2), Schulte (2), Miller; by Lavender, Borton. Time—1:55. Umpires—Connolly at plate, Owens on bases, Dineen and Brennan on lines. Paid attendance, 16,012; gross receipts, \$11,645.25.

SOUTH SIDE, OCT. 11.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheckard, lf.....	5	0	0	0	0	1	0	1	0	0
Miller, cf.....	5	1	3	5	0	0	0	4	0	0
Tinker, ss.....	3	1	2	2	2	0	0	4	6	0
Zimmerman, 3b.....	5	0	1	1	0	0	0	3	3	0
Schulte, rf.....	5	0	1	1	0	0	0	1	0	0
Saier, 1b.....	5	0	0	0	0	0	0	18	0	1
Evers, 2b.....	4	1	1	1	0	0	0	0	4	0
Archer, c.....	5	0	2	4	0	0	0	6	3	0
Cheney, p.....	5	0	1	1	0	0	0	0	3	0

Total42 3 11 15 3 1 1 36 19 1

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Rath, 2b.....	5	1	0	0	1	0	0	3	4	0
Lord, lf.....	3	0	1	1	0	0	0	1	0	0
Mattick, lf.....	3	0	0	0	0	0	0	1	0	0
Collins, rf.....	6	0	2	2	0	0	0	1	0	0
Bodie, cf.....	6	0	1	1	0	0	0	2	1	0
Borton, 1b.....	4	1	1	1	0	0	0	10	1	1
Zeider, 3b.....	5	0	0	0	0	0	0	1	1	0
Weaver, ss.....	3	0	0	0	0	0	0	5	2	1
Johnson, ss.....	2	1	2	4	0	0	0	0	2	0
Easterly, c.....	4	0	4	5	0	0	0	9	2	0
Sullivan, c.....	1	0	0	0	0	0	0	2	0	0
Cicotte, p.....	3	0	1	1	0	0	0	1	3	0
Walsh, p.....	1	0	1	1	0	0	0	0	3	0
Callahan*.....	1	0	0	0	0	0	0	0	0	0

Total47 3 13 16 2 0 0 36 19 2

*Batted for Cicotte in ninth.

Cubs0 0 0 0 1 0 0 2 0 0 0 0-3

White Sox.....1 0 0 0 0 0 0 0 2 0 0 0-3

Two-base hits—Archer (2), Easterly. Three-base hits—Miller, Johnson. Struck out—By Cicotte, Sheckard (2), Tinker, Zimmerman, Cheney, Schulte; by Walsh, Miller; by Cheney, Rath, Collins, Weaver, Zeider, Borton, Sullivan. Bases on balls—Off Cicotte, 3; off Cheney, 2. Double plays—Weaver-Borton, Archer-Zimmerman, Cheney-Tinker-Saier, Rath-Weaver. Hits—Off Cicotte, 9 in 9 innings; off Walsh, 2 in 3 innings. Time—2:45. Umpires—Dineen at plate, Brennan on bases, Connolly and Owens on lines. Paid attendance, 17,864; gross receipts, \$12,428.25.

SOUTH SIDE, OCT. 12.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheckard, lf.....	5	1	1	0	0	0	0	1	0	0
Leach, cf.....	5	0	1	1	0	0	0	1	0	0
Tinker, ss.....	5	0	1	1	0	0	0	5	4	0
Zimmerman, 3b.....	3	1	1	2	0	1	1	1	2	0
Schulte, rf.....	4	0	1	1	0	0	0	1	1	0
Saier, 1b.....	2	1	1	1	0	2	9	1	0	0
Evers, 2b.....	2	1	0	0	2	0	1	2	2	1
Archer, c.....	4	0	2	4	1	0	0	7	6	0
Lavender, p.....	3	1	1	1	0	1	0	0	2	0

Total33 5 9 11 6 1 5 27 17 1

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Rath, 2b.....	2	0	0	0	2	1	0	0	1	0
Lord, lf.....	5	0	2	2	0	0	0	2	0	1
Collins, rf.....	4	2	3	3	1	0	0	0	1	0
Bodie, cf.....	3	1	2	0	0	0	0	0	0	0
Mattick, cf.....	2	0	1	2	0	0	0	0	0	0
Easterly, c.....	4	0	3	4	1	0	0	8	3	0
Borton, 1b.....	4	0	1	1	0	1	0	11	1	1
Johnson, ss.....	3	0	0	0	1	1	0	3	5	2

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Zelder, 3b.....	4	0	1	1	0	0	2	3	0	0
White, p.....	3	0	1	2	1	0	0	2	1	0
Callahan*.....	0	1	0	0	0	0	0	0	0	0

Total.....34 4 14 17 6 3 0 27 14 4
*Ran for White in the ninth.

Cubs.....	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
White Sox.....	0	1	0	0	2	1	1	0	0	5
White Sox.....	0	0	2	0	0	1	0	0	1	4

Two-base hits—Archer (2), White, Easterly, Mattick. Struck out—By White, Sheekard (2), Laven-der, Schulte, Leach; by Lavender, Lord, Johnson, White, Zelder, Borton. Bases on balls—Off Laven-der, 6; off White, 2. Double plays—Borton-John-son, Borton, Zimmerman-Saier, Archer-Zimmerman, Archer, Archer-Saier, Archer-Zimmerman. Hit by pitcher—By White, Saier. Wild pitch—Lavender. Time—2:46. Umpires—Brennan at plate, Dineen on bases, Connolly and Owens on foul lines. Paid at- tendance, 30,149; gross receipts, \$19,662.25.

WEST SIDE, OCT. 13.

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Rath, 2b.....	4	0	1	1	0	0	0	2	3	1
Lord, 3b.....	3	0	1	2	0	1	0	1	0	0
Collins, rf.....	3	0	1	2	0	1	0	1	0	0
Bodie, cf.....	3	0	1	1	1	0	0	0	0	0
Borton, 1b.....	3	0	1	1	1	0	0	11	2	0
Johnson, ss.....	4	0	0	0	0	0	0	1	3	0
Zelder, 3b.....	3	1	1	2	0	0	0	0	0	0
Sullivan, c.....	3	0	0	0	0	0	0	8	2	0
Walsh, p.....	3	1	1	2	0	0	0	0	5	1
Easterly*.....	1	0	1	1	0	0	0	0	0	0
Mattick†.....	1	0	0	0	0	0	0	0	0	0

Total.....31 2 8 12 2 2 0 24 15 2

*Batted for Zelder in the ninth.

†Batted for Sullivan in the ninth.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheekard, lf.....	2	1	0	0	1	1	0	3	0	0
Leach, cf.....	3	0	0	0	0	1	0	3	0	0
Tinker, ss.....	4	0	1	1	0	0	0	6	0	0
Zimmerman, 3b.....	4	0	1	1	0	0	0	1	0	0
Schulte, rf.....	4	1	2	6	0	0	0	1	0	0
Saier, 1b.....	3	0	0	0	0	0	0	12	0	0
Evers, 2b.....	3	1	1	1	0	0	0	1	3	5
Archer, c.....	2	1	1	2	1	0	0	3	1	0
Reulbach, p.....	3	0	1	1	0	0	0	1	2	0

Total.....28 4 7 12 2 2 1 27 14 0

White Sox.....	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Cubs.....	0	0	0	0	0	1	0	0	0	2
Cubs.....	0	0	0	0	0	1	3	0	*4	

Two-base hits—Schulte, Lord, Walsh, Archer, Col- lins, Zelder. Home run—Schulte. Struck out—By Reulbach, Collins, Walsh, Mattick; by Walsh, Leach, Tinker, Schulte (2), Saier, Zimmerman. Wild pitch—Reulbach. Time—2:10. Umpires—Owens at plate, Connolly on bases, Brennan and Dineen on foul lines. Paid attendance, 30,303; gross receipts, \$21,197.

SOUTH SIDE, OCT. 14.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheekard, lf.....	2	1	0	0	3	0	0	2	0	0
Leach, cf.....	3	2	1	1	0	0	0	0	0	0
Tinker, ss.....	3	1	1	1	0	2	0	2	6	0
Zimmerman, 3b.....	5	2	3	3	0	0	0	1	2	0
Schulte, rf.....	4	2	1	3	1	0	0	1	1	0
Saier, 1b.....	3	0	3	7	2	0	0	9	1	0
Evers, 2b.....	4	0	0	0	0	0	0	2	3	1
Archer, c.....	4	0	2	2	0	0	0	10	1	0
Cheney, p.....	4	0	1	1	0	0	0	0	2	2

Total.....32 8 12 18 8 2 0 27 16 3

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Rath, 2b.....	4	0	2	2	0	0	0	3	2	0
Lord, lf.....	4	0	0	0	0	0	0	1	1	0
Collins, rf.....	4	0	1	1	0	0	0	1	0	1
Bodie, cf.....	4	1	2	4	0	0	0	1	0	1
Borton, 1b.....	4	0	0	0	0	0	0	6	3	0
Johnson, ss.....	4	0	1	1	0	0	0	2	4	0
Zelder, 3b.....	4	0	2	2	0	0	0	1	0	0
Kuhn, c.....	2	0	0	0	1	0	0	10	2	1
Cicotte, p.....	3	0	0	0	0	0	0	0	0	0
Lange, p.....	3	0	0	0	0	0	0	1	2	0
Barrows*.....	1	0	0	0	0	0	0	0	0	0

Total.....34 1 8 10 1 0 0 27 15 2

*Batted for Kuhn in ninth.

Cubs.....	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
White Sox.....	0	0	0	0	0	0	0	0	0	2
White Sox.....	0	0	0	0	0	1	0	0	0	1

Two-base hits—Schulte, Saier (2), Bodie. Struck out—By Cicotte, Schulte, Cheney; by Lange, Archer (2), Sheekard, Schulte, Cheney (2), Leach, Tinker, Zimmerman; by Cheney, Lord (2), Bodie, Borton (3), Johnson, Lange. Bases on balls—Off Cicotte, 3; off Lange, 5; off Cheney, 1. Double plays—Cheney-Zimmerman-Tinker, Lord-Rath-Borton, Kuhn-John-son. Hits—Off Cicotte, 7 in 2 innings (none out in third); off Lange, 7 in 5 innings. Time—2:15. Um- pires—Connolly at plate, Owens on bases, Dineen and Brennan on foul lines. Paid attendance, 16,274; gross receipts, \$10,510.

WEST SIDE, OCT. 15.

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Rath, 2b.....	6	0	2	2	0	0	0	4	6	0
Lord, lf.....	6	1	2	3	0	0	0	1	0	0
Collins, rf.....	4	0	1	1	0	0	0	2	0	0
Bodie, cf.....	2	0	0	0	0	0	0	0	0	0
Mattick, cf.....	2	0	0	0	0	0	0	1	4	0
Borton, 1b.....	3	2	2	3	1	0	0	12	1	0
Johnson, ss.....	4	1	1	1	0	0	0	4	2	2
Zelder, 3b.....	4	1	1	2	1	0	0	2	2	1
Schalk, c.....	4	0	1	1	0	0	0	3	1	1
Sullivan, c.....	0	0	0	0	0	0	0	1	1	0
Walsh, p.....	5	0	1	2	0	0	0	0	3	0
Easterly*.....	1	0	0	0	0	0	0	0	0	0

Total.....41 5 11 15 3 2 0 33 16 4

*Batted for Schalk in eleventh.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheekard, lf.....	5	0	1	2	1	0	0	1	0	0
Leach, cf.....	3	0	1	2	2	0	0	1	4	0
Tinker, ss.....	4	0	0	0	1	0	0	2	4	1
Zimmerman, 3b.....	5	1	2	3	0	0	0	1	5	1
Schulte, rf.....	5	2	2	6	0	0	0	1	0	0
Saier, 1b.....	5	0	0	0	0	0	0	15	1	0
Evers, 2b.....	5	0	0	0	0	0	0	1	3	6
Archer, c.....	4	1	2	3	1	0	0	6	0	0
Lavender, p.....	3	0	0	0	0	0	0	1	1	0
Miller*.....	1	0	0	0	0	0	0	0	0	0

Total.....40 4 8 16 5 1 3 33 17 2

*Batted for Lavender in eleventh.

White Sox.....	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Cubs.....	0	0	2	0	0	1	0	0	0	4
Two-base hits—Zelder, Sheekard, Zimmerman, Walsh, Archer, Lord, Schulte, Leach, Borton. Home run—Schulte. Struck out—By Walsh, Zimmerman, Sheekard; by Lavender, Bodie, Collins, Mattick, Johnson, Walsh. Bases on balls—Off Walsh, 5; off Lavender, 3. Double plays—Evers-Tinker-Saier, Evers-Saier, Sullivan-Johnson, Zelder-Rath-Borton. Time—2:28. Umpires—Brennan at plate, Dineen on bases, Owens and Connolly on foul lines. Paid at- tendance, 10,297; gross receipts, \$8,112.50.										

SOUTH SIDE, OCT. 16.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheekard, lf.....	4	1	0	0	1	0	0	4	0	0
Leach, cf.....	4	0	0	0	0	0	0	3	0	1
Tinker, ss.....	4	0	1	1	0	0	0	2	3	0
Zimmerman, 3b.....	3	1	1	1	1	0	0	0	0	1
Schulte, rf.....	2	0	0	0	2	0	0	1	1	0
Saier, 1b.....	1	2	0	0	3	0	0	7	0	0
Downs, 2b.....	3	0	0	0	0	0	0	2	3	0
Archer, c.....	4	1	1	2	0	0	0	5	1	0
Reulbach, p.....	1	0	0	0	1	1	0	0	1	0
Cheney, p.....	0	0	0	0	0	0	0	0	0	0
Smith, p.....	0	0	0	0	0	0	0	0	0	0
Good*.....	1	0	1	1	0	0	0	0	0	0
Miller†.....	1	0	1	1	0	0	0	0	0	0

Total.....28 5 5 6 8 1 1 24 8 2

*Batted for Downs in ninth.

†Batted for Smith in ninth.

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Rath, 2b.....	3	2	2	3	1	0	0	1	3	0
Lord, lf.....	4	1	1	1	0	0	0	3	0	1
Mattick, cf.....	4	1	1	1	0	0	0	1	1	0
Collins, rf.....	4	1	1	1	0	0	0	2	0	0
Borton, 1b.....	4	0	1	1	0	0	0	10	0	0
Johnson, ss.....	3	0	0	0	1	0	0	5	2	0
Zelder, 3b.....	3	1	1	1	0	0	0	1	2	0
Schalk, c.....	4	0	1	1	0	0	0	4	2	0
White, p.....	0	0	0	0	0	0	0	0	0	0
Benz, p.....	2	1	1	1	0	0	0	0	1	0
Barrows*.....	1	0	0	0	0	0	0	0	0	0

Total.....32 7 9 10 2 1 0 27 11 1

*Batted for White in third.

Cubs	.....	1	2	0	0	1	1	0	0	1	5	1
White Sox	.....	0	0	1	0	0	2	0	4	*-7		

Two-base hits—Archer, Rath. Struck out—By Reulbach, Rath, Mattick, Borton, Zeider, Benz, Johnson; by White, Schulte; by Benz, Leach, Downs. Bases on balls—Off White, 2; off Benz, 6; off Reulbach, 1; off Smith, 1. Double plays—Tinker-Downs-Saier, Mattick-Zeider, Rath-Johnson-Borton. Hits—Off White, 3 in 3 innings; off Benz, 2 in 6 innings; off Reulbach, 6 in 7 innings (none out in eight); off Cheney, 3 in $\frac{1}{2}$ inning. Wild pitches—Benz, 2. Time—2:15. Umpires—Dineen at plate, Eason on bases, Connolly and Owens on foul lines. Paid attendance, 12,438; gross receipts, \$7,908.

WEST SIDE, OCT. 17.

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	PO.	A.	E.
Rath, 2b.....	3	0	1	1	1	0	0	4	0	
Lord, lf.....	4	1	0	0	1	0	0	2	0	
Mattick, cf.....	5	1	1	3	0	0	0	1	0	0
Collins, rf.....	5	1	1	4	0	0	0	1	0	0
Borton, 1b.....	5	2	3	4	0	0	0	13	0	
Zeider, 3b.....	4	0	1	1	1	0	0	1	1	0
Weaver, ss.....	4	1	2	5	0	0	0	1	5	0
Schalk, c.....	4	1	3	3	0	0	0	8	0	0
Lange, p.....	3	0	1	1	0	0	0	0	1	0
Walsh, p.....	0	0	0	0	0	0	0	0	1	0
Easterly*.....	0	0	0	0	1	0	0	0	0	0
Johnson†.....	0	1	0	0	0	0	0	0	0	0

Total37 8 13 22 4 1 0 27 12 0

*Batted for Lange in ninth.

†Ran for Easterly in ninth.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheekard, lf.....	4	0	0	0	0	0	0	2	0	0
Miller, cf.....	4	2	2	4	0	0	0	1	1	0
Tinker, ss.....	4	1	2	3	0	0	0	3	4	0
Zimmerman, 3b.....	3	1	2	6	0	1	0	0	2	0
Schulte, rf.....	4	0	0	0	0	0	0	2	0	0
Saier, 1b.....	4	0	0	0	0	0	0	11	0	0
Evers, 2b.....	4	0	1	1	0	0	0	2	1	0
Archer, c.....	4	0	0	0	0	0	0	6	3	0
Cheney, p.....	2	0	1	1	0	0	0	0	3	0
Richie, p.....	0	0	0	0	0	0	0	0	1	0
Lavender, p.....	0	0	0	0	0	0	0	0	0	0
Good*.....	0	1	0	0	0	0	0	0	0	0
Downey†.....	1	0	0	0	0	0	0	0	0	0

Total34 5 8 15 0 1 0 27 15 0

*Batted for Cheney in eighth.

†Batted for Lavender in ninth.

White Sox	.....	0	1	0	0	0	3	0	0	4-8
Cubs	.....	1	0	0	2	0	0	2	0	5

Two-base hits—Tinker, Borton, Zimmerman. Three-base hits—Miller, Mattick. Home runs—Zimmerman, Collins, Weaver. Struck out—By Cheney, Mattick (2), Collins, Lange (2); by Lange, Sheekard (2), Saier, Schulte (2), Tinker, Archer; by Walsh, Archer. Bases on balls—Off Cheney, 2; off Richie, 2. Hits—Off Cheney, 10 in 7 innings; off Richie, 1 in $\frac{1}{2}$ inning; off Lavender, 2 in $\frac{1}{2}$ inning; off Lange, 7 in 8 innings; off Walsh, 1 in 1 inning. Hit by pitcher—By Lange, Good. Wild pitch—Cheney. Time—2:20. Umpires—Owens at plate, Connolly on bases. Paid attendance, 11,893; gross receipts, \$8,962.50.

SOUTH SIDE, OCT. 18.

Cubs.	AB.	R.	H.	TB.	BB.	SH.	SB.	P.O.	A.	E.
Sheckard, lf.....	3	0	0	0	1	0	0	1	0	0
Miller, cf.....	4	0	0	0	1	0	0	0	0	3
Tinker, ss.....	4	0	1	1	0	0	0	0	0	4
Zimmerman, 3b.....	4	0	1	1	0	0	0	1	2	0
Schulte, rf.....	3	0	0	0	1	0	0	0	0	0
Saier, 1b.....	4	0	1	1	0	0	0	13	0	0
Evers, 2b.....	4	0	1	1	0	0	0	2	5	0
Archer, c.....	2	0	0	0	0	0	0	3	0	0
Cotter, c.....	0	0	0	0	1	0	0	4	0	0
Lavender, p.....	0	0	0	0	0	0	0	0	2	0
Smith, p.....	0	0	0	0	0	0	0	0	0	0
Reulbach, p.....	0	0	0	0	0	0	0	0	0	0
Leifeld, p.....	1	0	1	1	0	0	0	0	3	0
Toney, p.....	1	0	0	0	0	0	0	0	0	0
Good*.....	1	0	0	0	0	0	0	0	0	0

Total31 0 5 5 3 0 0 24 15 4

*Batted for Lavender in third.

White Sox.	AB.	R.	H.	TB.	BB.	SH.	SB.	PO.	A.	E.
Rath, 2b.....	5	2	2	2	1	0	0	0	4	0
Lord, lf.....	5	2	2	4	0	0	0	0	0	0
Bodie, lf.....	1	0	0	0	0	0	0	0	0	0
Mattick, cf.....	4	2	0	0	1	0	1	3	0	0
Collins, rf.....	3	3	3	3	1	0	2	0	0	0
Borton, 1b.....	5	1	3	5	0	0	1	11	2	0
Zeider, 3b.....	4	1	1	1	0	1	0	0	4	0
Weaver, ss.....	4	3	2	5	0	0	0	2	4	0
Schalk, c.....	5	2	3	5	0	0	0	9	0	0
Walsh, p.....	5	0	1	1	0	0	0	2	1	0

Total41 16 17 26 3 1 4 27 15 0

Cubs	.....	0	0	0	0	0	0	0	0	0
White Sox	.....	1	2	8	2	3	0	0	*-16	

Two-base hit—Weaver. Three-base hits—Lord, Weaver, Borton, Schalk. Struck out—By Walsh, Tinker, Good, Sheekard, Archer, Miller; by Reulbach, Weaver; by Leifeld, Lord; by Toney, Lord, Mattick, Borton, Zeider. Bases on balls—Off Walsh, 3; off Lavender, 1; off Leifeld, 2. Double play—Tinker-Evers-Saier. Hits—Off Lavender, 4 in 2 innings; off Smith, 3 in part of 1 inning; off Reulbach, 6 in 1 inning; off Leifeld, 3 in 2 innings; off Toney, 1 in 3 innings. Hit by pitcher—By Toney, Collins, Weaver. Wild pitches—Lavender, Leifeld. Time—2:08. Umpires—Connolly at plate, Owens on bases, Dineen and Eason on foul lines. Paid attendance, 14,985; gross receipts, \$10,382.75.

BATTING AND FIELDING AVERAGES.

White Sox.	G.	AB.	R.	H.	Bat. aver.	Field. aver.
Easterly, c.....	5	10	0	8	.800	1.000
Walsh, p.....	6	15	1	6	.400	1.000
Collins, rf.....	9	37	7	15	.405	.999
Bodie, cf.....	7	19	2	7	.368	1.000
White, p.....	2	3	0	1	.333	1.000
Lord, lf.....	5	31	5	10	.322	.884
Cloote, p.....	2	3	0	1	.332	.980
Borton, 1b.....	9	34	7	12	.352	.980
Mattick, cf.....	7	21	4	3	.143	1.000
Johnson, ss.....	6	20	3	3	.150	.916
Zeider, 3b.....	9	34	4	8	.235	1.000
Rath, 2b.....	9	36	5	8	.222	.951
Callahan, lf.....	3	1	1	0	.000	.000
Kuhn, c.....	2	2	0	0	.000	1.000
Sullivan, c.....	4	7	0	0	.000	.956
Barrows.....	2	2	0	0	.000	.000
Lange, p.....	2	6	0	1	.166	1.000
Schalk, c.....	4	17	3	8	.470	.965
Weaver, ss.....	4	14	4	4	.285	.956
Team averages.....					.283	.948

Cubs.	G.	AB.	R.	H.	Bat. aver.	Field. aver.
Archer, c.....	9	33	4	9	.272	1.000
Miller, cf.....	6	18	3	6	.333	.727
Reulbach, p.....	3	4	1	1	.250	1.000
Tinker, ss.....	9	34	3	9	.264	.967
Schulte, rf.....	9	32	5	7	.218	1.000
Saier, 1b.....	9	30	3	4	.133	.990
Lavender, p.....	5	9	1	1	.111	1.000
Cheney, p.....	4	11	0	3	.272	.800
Zimmerman, 3b.....	9	35	6	12	.342	.931
Evers, 2b.....	8	29	5	4	.172	.942
Leach, cf.....	5	18	2	3	.120	.933
Sheekard, lf.....	9	27	4	2	.077	1.000
Smith, p.....	2	0	0	0	.000	.000
Good.....	3	2	1	1	.333	.000
Downs, 2b.....	1	3	0	0	.000	1.000
Downey, 3b.....	1	0	0	0	.000	.000
Team averages.....					.196	.963

SUMMARY.

Games won—White Sox, 4; Cubs, 3. Games tied, 2.	
Paid attendance.....	160,394
Gross receipts.....	\$110,808.50
Players' pool (four games).....	35,063.67
White Sox's share.....	21,038.20
Cubs' share.....	14,025.47
Each club's share.....	32,332.00
Commission's share.....	11,080.83

Each of the White Sox players received \$876.58 and each Cub \$519.46. The White Sox, with twenty-four men eligible, took 60 per cent of the players' pool, and the Cubs, with twenty-seven men eligible, took 40 per cent.

SERIES OF 1903.

Oct. 1—On west side: Cubs, 11; White Sox, 0.
 Oct. 2—On south side: Cubs, 5; White Sox, 1.
 Oct. 3—On south side: Cubs, 6; White Sox, 0.
 Oct. 4—On west side: White Sox, 10; Cubs, 2.
 Oct. 5—On west side: White Sox, 4; Cubs, 3.
 Oct. 6—On south side: Cubs, 5; White Sox, 2.
 Oct. 8—On south side: White Sox, 9; Cubs, 3.
 Oct. 9—On west side: Cubs, 1; White Sox, 0.
 Oct. 10—On west side: Cubs, 4; White Sox, 2.
 Oct. 11—On south side: White Sox, 2; Cubs, 0.
 Oct. 12—On south side: White Sox, 4; Cubs, 2.
 Oct. 13—On west side: Cubs, 5; White Sox, 1.
 Oct. 14—On south side: White Sox, 2; Cubs, 0.
 Oct. 15—On south side: White Sox, 2; Cubs, 0.
 Games won—White Sox, 7; Cubs, 7.

SERIES OF 1905.

Oct. 11—On south side: Cubs, 5; White Sox, 4.
 Oct. 12—On west side: White Sox, 7; Cubs, 4.
 Oct. 13—On south side: Cubs, 3; White Sox, 2.
 Oct. 14—On west side: Cubs, 8; White Sox, 5.
 Oct. 15—On south side: Cubs, 10; White Sox, 5.
 Games won—Cubs, 4; White Sox, 1.

SERIES OF 1906.

Oct. 9—On west side: White Sox, 2; Cubs, 1.
 Oct. 10—On south side: Cubs, 7; White Sox, 1.
 Oct. 11—On west side: White Sox, 3; Cubs, 0.
 Oct. 12—On south side: Cubs, 1; White Sox, 0.
 Oct. 13—On west side: White Sox, 8; Cubs, 6.
 Oct. 14—On south side: White Sox, 8; Cubs, 3.
 Games won—White Sox, 4; Cubs, 2.

SERIES OF 1909.

Oct. 8—On west side: Cubs, 4; White Sox, 0.
 Oct. 9—On south side: Cubs, 5; White Sox, 2.
 Oct. 10—On west side: White Sox, 2; Cubs, 1.
 Oct. 14—On south side: Cubs, 2; White Sox, 1.
 Oct. 15—On west side: Cubs, 1; White Sox, 0.
 Games won—Cubs, 1; White Sox, 1.

SERIES OF 1911.

Oct. 13—On south side: White Sox, 4; Cubs, 3.
 Oct. 14—On west side: White Sox, 8; Cubs, 7.
 Oct. 15—On south side: White Sox, 4; Cubs, 2.
 Oct. 18—On west side: White Sox, 7; Cubs, 2.
 Games won—White Sox, 4; Cubs, 0.

SERIES OF 1912.

Oct. 9—On south side: Cubs, 0; White Sox, 0.
 Oct. 11—On south side: Cubs, 3; White Sox, 3.
 Oct. 12—On south side: Cubs, 5; White Sox, 4.
 Oct. 13—On west side: Cubs, 4; White Sox, 3.
 Oct. 14—On south side: Cubs, 2; White Sox, 1.
 Oct. 15—On west side: White Sox, 5; Cubs, 4.
 Oct. 16—On south side: White Sox, 7; Cubs, 5.
 Oct. 17—On west side: White Sox, 8; Cubs, 5.
 Oct. 18—On south side: White Sox, 16; Cubs, 0.

Total for six series, White Sox, 21; Cubs, 20.
 *Also for world's championship.

POST SEASON SERIES (1912).

	WORLD'S SERIES.	Won.	Lost.	Pct.
Boston (American).....	4	3	571	
New York (National).....	3	4	429	
CHICAGO PENNANT.				
White Sox (American).....	4	3	571	
Cubs (National).....	3	4	429	
ST. LOUIS PENNANT.				
Cardinals (National).....	4	3	571	
Browns (American).....	3	4	429	
PHILADELPHIA PENNANT.				
Athletics (American).....	4	1	800	
Phillies (National).....	1	4	200	

LONG GAMES IN 1912.

National League—There were twenty-two games of ten innings each, ten of eleven innings, six of twelve innings, five of thirteen innings, one of fourteen and one of nineteen.

American League—There were fifteen games of ten innings each, ten of eleven innings, three of twelve innings and one each of thirteen, fourteen, fifteen, sixteen, seventeen and nineteen innings.

LONGEST GAMES IN BIG LEAGUES.

AMERICAN LEAGUE.

Twenty-Four Innings.
 Sept. 1, 1906—Philadelphia, 4; Boston, 1.

Twenty Innings.

July 4, 1905—Philadelphia, 4; Boston, 2.

Nineteen Innings.

Sept. 27, 1912—Washington, 5; Philadelphia, 4.

Eighteen Innings.

June 25, 1903—Chicago, 6; New York, 6 (tie).
 July 19, 1909—Detroit, 0; Washington, 0 (tie).

Seventeen Innings.

Aug. 9, 1900—Milwaukee, 3; Chicago, 2.
 Sept. 21, 1901—Chicago, 1; Boston, 0.
 May 18, 1902—Chicago, 2; St. Louis, 2 (tie).
 July 9, 1902—Philadelphia, 4; Boston, 2.
 Sept. 30, 1907—Detroit, 9; Philadelphia, 9 (tie).
 May 13, 1909—Chicago, 1; Washington, 1 (tie).
 May 25, 1912—Chicago, 5; Detroit, 4.

NATIONAL LEAGUE.

Twenty Innings.

June 30, 1892—Chicago, 7; Cincinnati, 7 (tie).
 Aug. 24, 1901—Chicago, 2; Philadelphia, 1.

Nineteen Innings.

June 22, 1902—Chicago, 3; Pittsburgh, 2.
 July 31, 1912—Pittsburgh, 7; Boston, 6.

Eighteen Innings.

Aug. 17, 1882—Providence, 1; Detroit, 0.
 Aug. 17, 1902—Brooklyn, 7; St. Louis, 7 (tie).
 June 24, 1905—Chicago, 2; St. Louis, 1.

Seventeen Innings.

June 26, 1893—Cincinnati, 5; New York, 5 (tie).
 Aug. 11, 1904—St. Louis, 4; Brooklyn, 3.
 Sept. 18, 1904—Chicago, 2; Cincinnati, 1.
 June 4, 1905—Chicago, 1; Boston, 1 (tie).
 Aug. 22, 1908—Pittsburgh, 1; Brooklyn, 0.
 Sept. 2, 1908—Philadelphia, 3; Brooklyn, 2.
 July 26, 1909—New York, 3; Boston 3 (tie).

IN OTHER LEAGUES.

May 31, 1901—I. I. I. league: Decatur, 2; Bloomington, 1, twenty-six innings.

Sept. 10, 1911—Pacific Coast league: Portland, 1; Sacramento, 1, twenty-four innings.

RECORD OF NO-HIT GAMES.

1879—Richmond (Worcester) vs. Cleveland.
 1880—Corcoran (Chicago) vs. Boston.
 Galvin (Buffalo) vs. Worcester.
 1882—Corcoran (Chicago) vs. Worcester.
 1883—Radbourne (Providence) vs. Cleveland.
 Daly (Cleveland) vs. Philadelphia.
 1884—Corcoran (Chicago) vs. Providence.
 Galvin (Buffalo) vs. Detroit.
 1885—Clarkson (Chicago) vs. Providence.
 Ferguson (Philadelphia) vs. Providence.
 1887—Seward (Philadelphia) vs. Brooklyn.
 Weyhing (Philadelphia) vs. Baltimore.
 1891—Lovett (Brooklyn) vs. New York.
 Rusie (New York) vs. Brooklyn.
 1892—Stivets (Boston) vs. Brooklyn.
 Jones (Pittsburg) vs. Cincinnati.
 1893—Hawke (Baltimore) vs. Washington.
 1897—Young (Cleveland) vs. Cincinnati.
 1898—Hughes (Baltimore) vs. Boston.
 Bretzstein (Cincinnati) vs. Pittsburg.
 Donahue (Philadelphia) vs. Boston.
 1899—Phillippe (Louisville) vs. Washington.
 Willis (Boston) vs. New York.
 1900—Hahn (Cincinnati) vs. Philadelphia.
 1901—Mathewson (New York) vs. St. Louis.
 1902—Callahan (Chicago) vs. Detroit.
 1903—Fraser (Philadelphia) vs. Chicago.
 1904—Young (Boston) vs. Philadelphia.
 Tannehill (Boston) vs. Chicago.
 1905—Mathewson (New York) vs. Chicago.
 Huxley (Philadelphia) vs. St. Louis.
 Smith (Chicago) vs. Detroit.
 Dineen (Boston) vs. Chicago.
 1906—Eason (Brooklyn) vs. St. Louis.
 Lush (Philadelphia) vs. Brooklyn.
 1907—Pfeffer (Boston) vs. Cincinnati.
 Maddox (Pittsburg) vs. Brooklyn.
 1908—Young (Boston) vs. New York.
 Wiltse (New York) vs. Philadelphia.
 Rucker (Brooklyn) vs. Boston.
 Rhoades (Cleveland) vs. Boston.
 Smith (Chicago) vs. Philadelphia.
 Joss (Cleveland) vs. Chicago.
 1909—None in National or American league.
 1910—Joss (Cleveland) vs. Chicago.
 Bender (Philadelphia) vs. Cleveland.
 1911—Wood (Boston) vs. St. Louis.
 Walsh (Chicago) vs. Boston.
 1912—Mullin (Detroit) vs. St. Louis.
 Hamilton (St. Louis) vs. Detroit.
 Tesreau (New York) vs. Philadelphia.

BASEBALL THROWING RECORD.

The world's record for the long distance throwing of a baseball was broken at Cincinnati, O., Oct. 10, 1910, when Sheldon Lejeune of the Evansville (Ind.) club, Central league, threw the sphere 426 feet 6 1/4 inches. The old record, made in Brooklyn, N. Y., Oct. 15, 1872, by John Hatfield, was 400 feet 7 1/4 inches. Lejeune's throw was made at a baseball field day, was carefully measured and will stand as official.

HIGH PRICES PAID FOR BASEBALL PLAYERS.

1911—Marty O'Toole, Pittsburgh.....	\$22,500
1910—"Lefty" Russell, Athletics.....	12,000
1910—Fred Hunter, Pittsburgh.....	10,000
1910—Lena Blackburne, White Sox.....	10,000
1908—Rube Marquard, New York.....	11,000
1906—Spike Shannon, New York.....	10,000
1889—Clarkson and Kelly, Boston.....	20,000

RESULTS IN OTHER LEAGUES (1912).

AMERICAN ASSOCIATION.

W. L. Pct.	W. L. Pct.
Minneapolis.....105 60 .636	Milwaukee.....78 85 .479
Toledo.....98 66 .598	St. Paul.....77 90 .461
Columbus.....98 68 .590	Louisville.....66 101 .395
Kansas City.....85 82 .509	St. Louis.....111 92 .344

THE I. I. LEAGUE.

Springfield.....92 45 .672	Dubuque.....65 73 .471
Davenport.....75 61 .551	Danville.....63 71 .470
Decatur.....67 68 .496	Peoria.....58 74 .439
Quincy.....68 72 .486	Bloomington.....58 78 .427

WISCONSIN-ILLINOIS.

Oshkosh.....87 45 .659	Green Bay.....61 68 .473
Racine.....78 51 .605	Rockford.....63 71 .470
Appleton.....67 60 .527	Aurora.....64 90 .403
Wausau.....66 67 .496	Madison.....51 85 .375

ILLINOIS-MISSOURI.

Lincoln.....71 47 .602	Kankakee.....57 60 .487
Pekin.....58 54 .518	Streator.....52 65 .444
Canton.....58 56 .509	Champaign.....51 65 .440

PENNANT WINNERS IN 1912.

American association.....	Minneapolis
American league.....	Boston
Appalachian league.....	Bristol
Blue Grass league.....	Frankfort
Border league.....	Wyandotte
Canadian league.....	Ottawa
Carolina association.....	Anderson
Central association.....	Ottumwa
Central league.....	Port Wayne
Central international.....	Duluth
Central Kansas.....	Great Bend
Connecticut league.....	New Haven
Cotton States league.....	Disbanded
Illinois-Missouri league.....	Lincoln
International league.....	Toronto
Kitty league.....	Clarksville
Michigan State league.....	Manistee
Mink league.....	Nebraska City
Minnesota-Wisconsin league.....	Disbanded
Ohio-Pennsylvania league.....	Pollansbee
Oklahoma State league.....	Disbanded
Pacific Coast league.....	Oakland
South Atlantic league.....	Jacksonville
South Central league.....	Texarkana
Southeastern league.....	Disbanded
Southern association.....	Birmingham
Southern Michigan league.....	Adrian
Texas league.....	Houston
Texas-Oklahoma league.....	Ardmore
The I. I. league.....	Springfield
Tri-State league.....	Harrisburg
Union association.....	Missoula
Virginia league.....	Roanoke
Western Canada.....	Calgary
Western league.....	Denver
Western Tri-State league.....	Walla Walla
Wisconsin-Illinois.....	Oshkosh

COLLEGE BASEBALL IN 1912.

WESTERN.*

CLUB.	Illinois.	Wisconsin.	Chicago.	Purdue.	Notre Dame.	Arkansas.	Wabash.	Ames.	Iowa.	Beloit.	Knox.	Northwestern.	Missouri.	Lake Forest.	DePaul.	Indiana.	DePaul.	Games won.
Illinois.....	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Wisconsin.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
Chicago.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
Purdue.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
Notre Dame.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Arkansas.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Wabash.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Ames.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Iowa.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Beloit.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Knox.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Northwestern.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Missouri.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Lake Forest.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
DePaul.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Indiana.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
DePaul.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Games lost.	3	1	7	5	2	3	1	2	2	1	1	6	3	2	2	7	1	147

*In this and the following table only games played with each other by the nines represented are included. The teams played independent schedules, making it impossible to figure out the exact relative standing of each club.

EASTERN.

CLUB.	Yale.	Princeton.	Brown.	Harvard.	Cornell.	Pennsylvania.	Dartmouth.	Williams.	Holy Cross.	West Point.	Vermont.	Amherst.	Georgetown.	Bowdoin.	Michigan.	Columbia.	Games won.
Yale.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11
Princeton.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Brown.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
Harvard.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
Cornell.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
Pennsylvania.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Dartmouth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Williams.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Holy Cross.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
West Point.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Vermont.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Amherst.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Georgetown.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Bowdoin.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Michigan.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Columbia.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Games lost.	6	3	2	7	5	7	4	3	3	3	1	2	2	2	4	2	5

The annual Yale-Harvard series resulted: June 19—Yale, 9; Harvard, 6. June 20—Yale, 5; Harvard, 2.

POLO.

Meadowbrook defeated Bryn Mawr for the Newport gold trophy at Newport, R. I., Aug. 21, 1912, by a score of 7 1/4 to 4 1/4.

Port Chester won the game for the Milbank cup at Port Chester, defeating Rumson by a score of 13 1/2 to 3 1/2. The open polo championship of Narragansett was won by the Cooperstown team by a score of 3 1/4 to 3.

DOG RACING.

A. A. ("Scotty") Allan, driving a team of Malamute dogs, won the all Alaska sweepstakes race of 472 miles, from Nome to Candle and return, finishing at 1:32 a. m. April 8, 1912. His time for the trip was 87 hours 32 minutes, which was 5 hours and 52 minutes more than his time in 1911, when he won the race with the same team. Alexander Holson, driving a team of Siberian wolf hounds, was second, arriving in Nome one hour after Allan.

FOOTBALL RESULTS IN 1912.

WISCONSIN. Op. Wis.		
Oct. 5—Lawrence	0	15
Oct. 12—Northwestern	0	56
Oct. 19—Purdue	0	42
Nov. 2—Chicago	12	30
Nov. 9—Arkansas	7	64
Nov. 17—Minnesota	14	0
Nov. 23—Iowa	10	28

CHICAGO. Op. Chi.		
Oct. 5—Indiana	0	13
Oct. 19—Iowa	14	34
Oct. 26—Purdue	0	7
Nov. 2—Wisconsin	30	12
Nov. 9—Northwestern	0	3
Nov. 17—Illinois	0	10
Nov. 23—Minnesota	0	7

MINNESOTA. Op. Minn.		
Sept. 28—South Dakota	10	0
Oct. 5—Ames	0	5
Oct. 19—Nebraska	0	13
Oct. 26—Iowa	7	56
Nov. 2—Illinois	0	13
Nov. 17—Wisconsin	14	0
Nov. 24—Chicago	7	0

ILLINOIS. Op. Ill.		
Oct. 5—Illinois Wesleyan	3	87
Oct. 12—Washington	0	12
Oct. 19—Indiana	7	13
Nov. 2—Minnesota	13	0
Nov. 9—Purdue	9	9
Nov. 17—Chicago	10	0
Nov. 23—Northwestern	6	0

NORTHWESTERN Op. Nor.		
Oct. 5—Lake Forest	0	0
Oct. 12—Wisconsin	56	0
Oct. 26—Indiana	7	20
Nov. 2—Purdue	21	6
Nov. 9—Chicago	3	0
Nov. 23—Illinois	0	6

INDIANA. Op. Ind.		
Sept. 28—De Pauw	0	16
Oct. 5—Chicago	13	0
Oct. 19—Illinois	13	7
Oct. 26—Northwestern	20	7
Nov. 2—Earlham	7	33
Nov. 9—Iowa	13	6
Nov. 23—Purdue	34	7

PURDUE. Op. Pur.		
Oct. 5—De Pauw	0	21
Oct. 19—Wisconsin	42	0
Oct. 26—Chicago	7	0
Nov. 2—Northwestern	6	21
Nov. 9—Illinois	9	9
Nov. 17—Rose Poly	0	91
Nov. 23—Indiana	7	34

IOWA. Op. Ia.		
Oct. 5—State Teachers	7	35
Oct. 12—Cornell College	0	31
Oct. 19—Chicago	34	14
Oct. 26—Minnesota	56	7
Nov. 9—Indiana	6	13
Nov. 17—Ames	7	20
Nov. 23—Wisconsin	28	10

DE PAUW. Op. De P.		
Sept. 28—Indiana	16	0
Oct. 5—Purdue	21	0
Oct. 12—Wabash	62	0
Nov. 2—Miami	7	23
Nov. 23—Earlham	13	3

MICHIGAN. Op. Mich.		
Oct. 5—Case	0	34
Oct. 12—Michigan Aggies	7	55
Oct. 19—Ohio State	0	14
Oct. 26—Syracuse	18	7
Nov. 2—South Dakota	6	7
Nov. 9—Pennsylvania	27	21
Nov. 17—Cornell	7	20

NOTRE DAME. Op. N.D.		
Oct. 5—St. Viator	7	16
Oct. 12—Adrian	7	74
Oct. 19—Morris Harvey	0	39
Oct. 26—Wabash	6	41
Nov. 2—Pittsburgh	0	3
Nov. 9—St. Louis U.	7	47
Nov. 23—Marquette	0	69

MARQUETTE. Op. Mar.		
Oct. 5—Carroll	0	6
Oct. 12—De Paul	0	20
Oct. 19—Creighton	20	0
Oct. 26—Lawrence	12	0
Nov. 2—Loyola	0	43
Nov. 17—St. Louis U.	20	6
Nov. 23—Notre Dame	69	0

NEBRASKA. Op. Neb.		
Oct. 5—Bellevue	0	6
Oct. 19—Minnesota	13	0
Oct. 26—Adrian	0	41
Nov. 9—Doane	6	54
Nov. 17—Kansas	3	14
Nov. 23—Oklahoma	9	13

LAKE FOREST. Op. L.F.		
Oct. 12—Carroll	3	28
Oct. 19—Milliken	0	47
Oct. 26—Knox	7	14
Nov. 17—Monmouth	0	26

BELOIT. Op. Bel.		
Sept. 28—N. Illinois Nor.	0	65
Oct. 5—Milwaukee Nor.	3	74
Oct. 19—Lawrence	0	0
Oct. 26—Cornell College	0	7
Nov. 9—Ripon	6	7
Nov. 17—Knox	0	40
Nov. 23—Monmouth	0	20

HARVARD. Op. Har.		
Sept. 28—Maine	0	7
Oct. 5—Holy Cross	0	19
Oct. 12—Williams	3	26
Oct. 19—Amherst	0	46
Oct. 26—Brown	10	30
Nov. 2—Princeton	6	16
Nov. 9—Vanderbilt	3	9
Nov. 17—Dartmouth	0	3
Nov. 23—Yale	0	20

YALE. Op. Yale.		
Sept. 25—Wesleyan	3	10
Sept. 28—Holy Cross	0	7
Oct. 5—Syracuse	0	21
Oct. 12—Lafayette	9	16
Oct. 19—Army	6	16
Oct. 26—Wash. and Jeff.	3	13
Nov. 9—Brown	0	10
Nov. 17—Princeton	6	6
Nov. 23—Harvard	20	0

PRINCETON. Op. Pr.		
Sept. 28—Stevens	0	65
Oct. 5—Rutgers	6	41
Oct. 12—Lehigh	0	35
Oct. 19—Virginia Poly.	0	31
Oct. 26—Syracuse	0	62
Oct. 26—Dartmouth	7	22
Nov. 2—Harvard	16	6
Nov. 9—New York	0	54
Nov. 17—Yale	6	6

PENNSYLVANIA. Op. Pa.		
Sept. 28—Penn College	0	35
Oct. 2—Franklin and M.	0	35
Oct. 5—Dickinson	0	16
Oct. 19—Brown	30	13
Oct. 26—Lafayette	7	3
Nov. 2—Penn State	14	0
Nov. 9—Michigan	21	27
Nov. 17—Carlisle	26	34
Nov. 23—Cornell	2	7

AMHERST. Op. Am.		
Sept. 28—Tufts	19	0
Oct. 5—Colgate	0	13
Oct. 12—Springfield	3	14
Oct. 19—Harvard	46	0
Oct. 26—Trinity	0	15
Nov. 9—Worcester Poly.	14	13
Nov. 17—Williams	12	0

BROWN. Op. Br.		
Oct. 2—Colby	0	3
Oct. 5—Rhode Island	0	14
Oct. 12—Wesleyan	7	6
Oct. 19—Pennsylvania	7	30
Nov. 2—Vermont	7	12
Nov. 9—Yale	10	0
Nov. 17—Lafayette	21	7
Nov. 23—Norwich	7	21
Nov. 28—Carlisle	32	0

CORNELL. Op. Cor.		
Sept. 25—Wash. and Jeff.	0	3
Sept. 28—Colgate	13	7
Oct. 5—Oberlin	13	0
Oct. 19—Penn State	29	6
Oct. 26—Bucknell	0	14
Nov. 2—Williams	24	10
Nov. 9—Dartmouth	24	0
Nov. 17—Michigan	20	7
Nov. 23—Pennsylvania	7	2

DARTMOUTH. Op. Dart.		
Sept. 28—Bates	0	26
Oct. 2—Norwich	9	41
Oct. 12—Vermont	0	55
Oct. 19—Williams	0	21
Oct. 26—Princeton	22	7
Nov. 2—Amherst	0	60
Nov. 9—Cornell	0	24
Nov. 17—Harvard	3	0

WILLIAMS. Op. Wil.		
Sept. 28—Rensselaer	0	7
Oct. 12—Harvard	26	3
Oct. 19—Dartmouth	21	0
Nov. 2—Cornell	10	24
Nov. 9—Wesleyan	7	10
Nov. 17—Amherst	0	12

NAVY. Op. Navy.		
Oct. 5—Johns Hopkins	3	7
Oct. 19—Swarthmore	21	6
Oct. 26—Pittsburgh	6	13
Nov. 9—Bucknell	17	7
Nov. 17—North Carolina	0	39
Nov. 23—New York	0	39
Nov. 30—Army	0	6

ARMY. Op. Army.		
Oct. 5—Stevens	0	27
Oct. 12—Rutgers	0	19
Oct. 19—Yale	6	0
Oct. 26—Colgate	7	48
Nov. 9—Carlisle	27	6
Nov. 17—Tufts	6	15
Nov. 23—Syracuse	7	23
Nov. 30—Navy	6	0

CARLISLE. Op. Car.		
Sept. 25—Lebanon	0	45
Sept. 28—Dickinson	0	34
Oct. 2—Villa Nova	0	65
Oct. 12—Syracuse	0	30
Oct. 19—Pittsburgh	8	45
Oct. 26—Gettown	20	34
Nov. 2—Lehigh	14	34
Nov. 9—Army	6	27
Nov. 17—Pennsylvania	34	26
Nov. 28—Brown	0	32

HORSE RACING.

RECORD SALES OF THOROUGHBREDS AND TROTTERS.

Giving name of horse, place and date of sale, buyer and price.

Flying Fox—London, 1900, Edmond Blanc, Paris, \$191,250.

Ormonde—London, 1888, W. MacDonough, San Francisco, \$150,000.

Arlon—San Francisco, 1892, J. M. Forbes, Boston, \$125,000.

Rock Sand—London, 1906, August Belmont, New York, \$125,000.

Axtell—Chicago, 1889, W. J. Ijams, Terre Haute, Ind., \$105,000.

St. Blaise—New York, 1891, Charles Reed, Gallatin, Tenn., \$100,000.

Nasturtium—New York, 1901, W. C. Whitney, New York, \$50,000.

Hermis—New York, 1903, E. R. Thomas, New York, \$60,000.

Dan Patch—Minneapolis, 1903, M. W. Savage, Minneapolis, \$60,000.

Hamburg—New York, 1904, W. C. Whitney, New York, \$70,000.

Allen Winter—Lexington, Ky., 1908, I. Schlesinger, Vienna, \$50,000.

Hamburg Belle—Cleveland, O., 1909, H. M. Hanna, Cleveland, \$50,000.

Flair—Newmarket, England, 1909, \$75,000.

The Harvester—Chicago, Ill., 1912, C. K. G. Billings, \$50,000.

Rock Sand—London, 1912, Cheri Halbroon, Paris, \$150,000.

KENTUCKY DERBY.

For 3-year-olds, Louisville, Ky. Distance changed in 1896 from 1½ to 1¼ miles.

1890—Riley, 117lbs, 2:45; \$5,460.

1891—Kingman, 122lbs, 2:52½; \$4,680.

1892—Azra, 122lbs, 2:41½; \$4,230.

1893—Lookout, 122lbs, 2:39½; \$4,090.

1894—Chant, 122lbs, 2:41; \$4,000.

1895—Halma, 122lbs, 2:37½.

1896—Ben Brush, 117lbs, 2:07½.

1897—Typhoon II, 117lbs, 2:12½.

1898—Plauditt, 117lbs, 2:09.

1899—Manuel, 117lbs, 2:12.

1900—Lieut. Gibson, 117lbs, 2:04½.

1901—His Eminence, 117lbs, 2:07½.

1902—Alan-a-Dale, 117lbs, 2:08½; \$6,000.

1903—Judge Himes, 117lbs, 2:09; \$6,000.

1904—Elwood, 117lbs, 2:08½; \$5,000.

1905—Agile, 122lbs, 2:10½; \$6,000.

1906—Sir Huon, 117lbs, 2:08½; \$5,000.

1907—Pink Star, 117lbs, 2:12½; \$5,000.

1908—Stone Street, 117lbs, 2:15½; \$6,000.

1909—Wintergreen, 117lbs, 2:08½; \$5,000.

1910—Donan, 112lbs, 2:06½; \$6,000.

1911—Meridian, 117bs, 2:05½; \$6,000.

1912—Worth, 117bs, 2:09½; \$6,000.

ENGLISH DERBY.

First race run at Epsom May 4, 1750. In 1784 distance was increased from 1 mile to 1½ miles.

1890—Sain Foin, by Springfield, 2:49½.

1891—Common, by Isonomy, 2:56.

1892—Sir Hugo, by Wisdom, 2:44.

1892—Isinglass, by Isonomy, 2:43.

1894—Ladas, by Hampton, 2:45.

1895—Sir Visto, by Barcardine, 2:43½.

1896—Persimmon, by St. Simon, 2:42.

1897—Galtee Moore, by Kendal, 2:47.

1898—Jeddah, by Janissary, 2:37.

1899—Flying Fox, by Orme, 2:38½.

1900—Diamond Jubilee, by St. Simon, 2:42.

1901—Volodyovski, by Florizel, 2:40½.

1902—Ard Patrick, by St. Florian, 2:42½.

1903—Rock Sand, by Sain Foin-Roquebrune.

1904—St. Armand, by Crusquinn-Loverule, 2:45½.

1905—Cicero, by Cyllene, 3:11.

1906—Spearmint, by Carbine, 2:36½ (record).

1907—Orby, by Orme, 2:44.

1908—Signorinetta, by Chaleureux-Signorina, 2:39½.

1909—Minoru, by Cyllene-Mother Siegel, 2:42½.

1910—Lemberg, by Cyllene-Gallia, 2:35½.

1911—Sunstar, by Sundridge-Norris, 2:36½.

1912—Tagalle, by Cyllene-Tagale, 2:38½.

GRAND PRIX DE PARIS.

First race run in 1863. Distance about 1 mile 7 furlongs. Stake, \$40,000.

1901—Cheri, by St. Damien.

1902—Kizil-Kourgan.

1903—Quo Vadis.

1904—Ajax, by Flying Fox-Amie.

1905—Finaisseur.

1906—Spearmint.

1907—Sans Souci II.

1908—Northeast (value of race, \$72,000).

1909—Verdun, \$74,155.

1910—Nuage, \$60,000.

1911—As d'Atout, \$70,200.

1912—Houli, \$75,000.

BEST RUNNING RECORDS.

¼ mile—21¼, Bob Wade, 4yrs, Butte, Mont., Aug. 20, 1890.

2½ furlongs—1:31½, Best Boy, 2yrs, Clifton, N. J., March 12, 1890.

¾ mile—34, Red S., aged, 122lbs, Butte, Mont., July 22, 1896.

½ mile—46, Geraldine, 4yrs, 122lbs, straight course, Morris Park, Aug. 30, 1899; 46½, Bessie Macklin, 2yrs, 100lbs, Dallas, Tex., Oct. 3, 1899.

3¼ furlongs—3:29½, Calisse, 2yrs, Juarez, Mex., Jan. 17, 1911; 40, A. J. Small, 2yrs, Los Angeles, Cal., Jan. 30, 1909, and Royal Prince, 2yrs, Juarez, Mex., Feb. 11, 1910.

4 furlongs—4:46½, Miss Nett, 2yrs, Belmont park, May 14, 1910.

4½ furlongs—5:51½, Tanya, 2yrs, 107lbs, Morris Park, straight course, May 12, 1904; 5:52½, Joe Morris, Louisville, Ky., May 8, 1909.

5 furlongs—5:56½, Maid Marian, 4yrs, 111lbs, Morris Park, straight course, Oct. 9, 1894; 5:58, Tern's Trick, 3yrs, 92lbs, Oakland, Cal., Dec. 29, 1910.

5½ furlongs—1:02½, Plater, 2yrs, 107lbs, Morris Park, straight course, Oct. 21, 1902; 1:04½, Lady Irma, 2yrs, 85lbs, Los Angeles, Cal., Dec. 28, 1908; 1:05, Fern L., 3yrs, 80lbs, Seattle, Aug. 11, 1908, and Colloquy, 4yrs, 106lbs, at Los Angeles, Cal., Dec. 19, 1908.

6 furlongs, less 170 feet (Futurity course)—1:08, Kingston, aged, 139lbs, Sheepshead Bay, L. I., June 23, 1891.

6 furlongs—1:08, Artful, 2yrs, 130lbs, Morris Park, straight course, Oct. 15, 1904; 1:11, Chapultepec, 3yrs, 112lbs, Los Angeles, Cal., Dec. 28, 1908, and Prince Ahmed, 5yrs, 117lbs, Empire City, July 29, 1909.

6½ furlongs—1:16½, Lady Vera, 2yrs, 90lbs, Belmont Park, straight track, Oct. 19, 1906; 1:17½, Brookdale Nymph, 4yrs, 124lbs, Belmont Park, circular course, Oct. 14, 1907; 1:18½, Oxford, 4yrs, 118lbs, Belmont Park, circular course, Oct. 15, 1906; 1:18½, Mineola, 3yrs, 103lbs, Sheepshead Bay, July 5, 1904; also by Martinmas, 3yrs, 90lbs, Sheepshead Bay, Sept. 7, 1904; also by Aeronaut, 3yrs, 107lbs, Belmont Park, Oct. 9, 1905.

¾ mile—1:22, Roseben, 5yrs, 126lbs, Belmont Park, New York, Oct. 16, 1906; 1:22½, Sir Lynnwood, 3yrs, 99lbs, Saratoga, Aug. 9, 1906; 1:23½, Belle B., 5yrs, 103lbs, Monmouth Park, straight course, July 8, 1890.

7½ furlongs—1:31½, Restigouche, 3yrs, 106lbs, Belmont Park, May 23, 1908; 1:32, Dainty, 4yrs, 109lbs, Oakland, Cal., Dec. 19, 1904, and Welbourne, 3yrs, 94lbs, Belmont Park, June 6, 1906.

1 mile—1:35½, against time, Salvator, 4yrs, 110lbs, Monmouth Park, straight course, Aug. 28, 1890; 1:37½, in race, Kildeer, 4yrs, 91lbs, Monmouth Park, straight course, Aug. 13, 1892; 1:37½, Centre Shot, 3yrs, 105lbs, Los Angeles, Cal., Dec. 22, 1908; 1:37½, Dick Welles, 3yrs, 112lbs, Harlem, Aug. 14, 1903; Klamesha, 3yrs, 104lbs, Belmont Park, Oct. 9, 1905, and Fern L., 3yrs, 80lbs, Seattle, Aug. 15, 1908.

1 mile and 20 yds—1:39½, Col. Ashmeade, Churchill Downs, Ky., Oct. 5, 1911; 1:40, Maid Marian, 4yrs, 101lbs, Washington Park, July 19, 1893; Macy, 4yrs, 106lbs, Washington Park, July 2, 1898.

1 mile and 25 yds—1:45½, Ruperta, 3yrs, 107lbs, Latonia, Ky., July 4, 1890.

1 mile and 50 yds.—1:41½, Haviland, 6yrs, 98lbs, Washington Park, July 7, 1903.

1 mile and 70 yds.—1:42½, Jiminez, 101lbs, Harlem, Sept. 5, 1901; Dalvay, 3yrs, 96lbs, same course,

- Aug. 31, 1904, and Convent Belle, 4yrs, 94lbs, Seatle. Aug. 24, 1908.
- 1 mile and 100 yds.—1:44%. Grand Opera, 4yrs, 77 lbs, Harlem, Aug. 12, 1903.
- 1-16 miles—1:43%. Gretna Green, Fort Erie, Ont., Aug. 28, 1909; 1:44%. Royal Tourist, 3yrs, 104lbs, Oakland, Nov. 11, 1908, and Moquette, 4yrs, 102lbs, Latonia, June 8, 1909.
- 1½ miles—1:50. Vox Populi, 3yrs, 110lbs, Los Angeles, Cal., Dec. 19, 1908; 1:50%. Charles Edward, 3yrs, 126lbs, Brighton Beach, July 16, 1907, and Green Seal, 4yrs, 107lbs, Seattle, Aug. 20, 1908.
- 3-16 miles—1:57%. Scintillant II., 4yrs, 109lbs, Harlem, Sept. 1, 1902.
- 1½ miles—2:02%. Broomstick, 3yrs, 104lbs, Brighton Beach, July 9, 1904, and Olambala, 4yrs, 122lbs, Sheepshead Bay, July 2, 1910.
- 1 mile and 500 yds.—2:10½. Bend Or, 4yrs, 115lbs, Saratoga, July 25, 1892.
- 1-5-16 miles—2:09%. Ballot, 4yrs, 126lbs, Sheepshead Bay, July 1, 1908; 2:10%. Ironsides, 3yrs, 107lbs, Belmont Park, Oct. 8, 1906, and Bedouin, 11lbs, Belmont Park, Oct. 2, 1905.
- 1½ miles—2:17%. Irish Lad, 4yrs, 126lbs, Sheepshead Bay, June 25, 1904.
- 1½ miles—2:30½. Goodrich, 3yrs, 102lbs, Washington Park, July 16, 1898.
- 1½ miles—2:45. Fitz Herbert, 3yrs, 122lbs, Sheepshead Bay, July 13, 1909; 2:45½. Africander, 3yrs, 126lbs, Sheepshead Bay, July 7, 1903.
- 1½ miles—2:57. Major Daingerfield, 4yrs, 120lbs, Morris Park, Oct. 3, 1903.
- 1½ miles—3:17%. Orcagna, Oakland, Cal., March 2, 1909.
- 2 miles—3:25%. Fitz Herbert, 3yrs, 105lbs, Baltimore, Md., Nov. 8, 1909.
- 2½ miles—3:42. Joe Murphy, 4yrs, 99lbs, Harlem, Aug. 30, 1894.
- 2½ miles—3:49. Ethelbert, 4yrs, 124lbs, Brighton Beach, Aug. 4, 1900.
- 2½ miles—4:24½. Kyrat, 3yrs, 88lbs, Newport, Ky., Nov. 8, 1899.
- 2½ miles—4:58½. Ten Broeck, 4yrs, 110lbs, Lexington, Ky., Sept. 16, 1876.
- 2½ miles—4:58½. Hubbard, 4yrs, 107lbs, Saratoga, Aug. 9, 1873.
- 3 miles—5:19. Mamie Algol, 5yrs, 105lbs, City Park, New Orleans, Feb. 16, 1907.
- 4 miles—7:10½. Sotemia, 119lbs, Louisville, Ky., Oct. 7, 1912.
- 10 miles—26:18. Mr. Brown, 6yrs, 160lbs, Rancocas, N. J., March 2, 1880.

HEAT RACING.

- ¼ mile—2:1½. Sleepy Dick, aged, Kiowa, Kas., Nov. 24, 1888.
- ½ mile—4:7½. Quirt, 3yrs, 122lbs, Vallejo, Cal., Oct. 5, 1894; 4:8. Eclipse, Jr., 4yrs, Dallas, Tex., Nov. 1, 1890.
- ¾ mile—1:00. 1:00. Kittle Pease, 4yrs, Dallas, Tex., Nov. 2, 1887.
- 5½ furlongs—1:09. 1:08½. 1:09. Dock Wick, 4yrs, 100lbs, St. Paul, Minn., Aug. 5, 1891.
- ¾ mile—1:10½. 1:12½. Tom Hayes, 4yrs, 107lbs, Morris Park, straight course, June 17, 1892; 1:13½. 1:13½. Lizzie S., 5yrs, 118lbs, Louisville, Ky., Sept. 28, 1883.
- 1 mile—1:41½. 1:41. Guido, 4yrs, 117lbs, Washington Park, July 11, 1891; 1:43. 1:44. 1:47½. L'Argentine, 6yrs, 115lbs, St. Louis, Mo., June, 1879.
- 1-16 miles—1:50½. 1:48. Slipalong, 5yrs, 115lbs, Washington Park, Sept. 25, 1885.
- 1½ miles—1:56. 1:54½. What-er-Low, 5yrs, 119lbs, San Francisco, Feb. 18, 1899.
- 1¾ miles—2:10. 2:14. Glenmore, 5yrs, 144lbs, Sheepshead Bay, Sept. 25, 1880.
- 1½ miles—2:41½. 2:41. Patsy Duffy, aged, 115lbs, Sacramento, Cal., Sept. 17, 1884.
- 2 miles—3:33. 3:31½. Miss Woodford, 4yrs, 107½lbs, Sheepshead Bay, Sept. 20, 1884.
- 3 miles—5:27½. 5:29½. Norfolk, 4yrs, 100lbs, Sacramento, Cal., Sept. 23, 1865.
- 4 miles—7:23½. 7:41. Ferida, 4yrs, 105lbs, Sheepshead Bay, Sept. 18, 1880.

OYER HURDLES.

- 1 mile, 4 hurdles—1:49. Bob Thomas, 5yrs, 140lbs, Chicago, Ill., Aug. 13, 1890.
- 1 mile heats, 4 hurdles—1:50½. 1:50½. Joe Rhodes, 5yrs, 140lbs, St. Louis, Mo., June 4, 1878.
- 1½ miles, 5 hurdles—2:02½. Winslow, 4yrs, 138lbs, Chicago, Ill., Aug. 29, 1888.

- 1½ miles, 5 hurdles—2:16. Jim McGowan, 4yrs, 127lbs, Brighton Beach, Coney Island, Nov. 9, 1882.
- 1½ miles, 5 hurdles—2:35. Guy, aged, 155lbs, Latonia, Ky., Oct. 8, 1885.
- 1½ miles, 6 hurdles—2:46½. Ludovic, 102lbs, San Francisco, Nov. 14, 1894; 2:47. Kitty Clark, 3yrs, 130lbs, Brighton Beach, Coney Island, Aug. 23, 1881, and Speculation, 6yrs, 125lbs, same course, July 19, 1881.
- 1½ miles, 7 hurdles—3:16. Turfman, 5yrs, 140lbs, Saratoga, N. Y., Aug. 7, 1882.
- 1½ miles, 7 hurdles—3:17. Kitty Clark, 4yrs, 142lbs, Monmouth Park, N. Y., July 12, 1882.
- 2 miles, 8 hurdles—3:47½. Tom Leathers, aged, 117 lbs, New Orleans, La., April 16, 1875.
- Steeplechase, full course—4:15. Disturbance, aged, 155lbs, Jerome Park, 1883; 4:21. Jim McGowan, 5yrs, 160lbs, Jerome Park, 1883.

LONG-DISTANCE RIDING.

- 10 miles—2:02. Miss Belle Cook, 5 horses, changing five times, Minneapolis, Minn., Sept. 10, 1882.
- 20 miles—40:59. Little Cricket, changing horses at will, Minneapolis, Minn., Sept. 7, 1882.
- 50 miles—1:50:03½. Carl Pugh, ten horses, changing at will, match race, San Bernardino, Cal., July 7, 1883.
- 60 miles—2:27:00. Miss Nellie Burke, Galveston, Tex., Feb. 24, 1884.
- 60 miles—2:33:00. George Osbaldiston, 11 horses, Newmarket, England, Nov. 5, 1831.
- 100 miles—4:19:40. George Osbaldiston, 16 horses, as above.

BEST TROTTING RECORDS.

- ¼ mile—28½. Major Delmar (with wind shield), Empire track, New York, Sept. 25, 1903.
- ½ mile—57½. Uhlman (paced by runner), at Cleveland, July 13, 1911; 58½. Lou Dillon, at Cleveland, Sept. 17, 1904; in race, 1:01. Major Delmar, Memphis, Oct. 23, 1903.
- 1 mile—1:58. Uhlman, Lexington, Ky., Oct. 8, 1912 (without wind shield); 1:58½. Lou Dillon, Memphis, Tenn., Oct. 24, 1903 (with wind shield); 1:59½ (with wind shield), Major Delmar, Memphis, Tenn., Oct. 27, 1903; 2:01. The Harvester, at Columbus, O., Sept. 21, 1910 (without wind shield); 2:01. Lou Dillon, Memphis, Tenn., Nov. 11, 1904, and 2:01½. Major Delmar, Memphis, Tenn., Oct. 24, 1904 (without wind shield); in a race, 2:01½. Hamburg Belle, North Randall, O., Aug. 25, 1909.
- 1 mile, yearlings—Best mile by a filly, 2:19½. Miss Stokes, Lexington, Ky., Sept. 17, 1909. Best mile by a colt, 2:15½. Airdale, Lexington, Ky., Oct. 2, 1912; race record, 2:26. Adbell, Woodland, Cal., Aug. 27, 1894.
- 1 mile, 2-year-olds—Best mile by a filly, 2:07½ (in race), Native Belle, Lexington, Ky., Oct. 6, 1909. Best mile by a colt (in race), 2:09½. Justice Brooke, Lexington, Ky., Oct. 3, 1910. Best mile by a gelding, 2:14½. Endow, Lexington, Ky., Oct. 14, 1899 (race record).
- 1 mile, 3-year-olds—Best mile by a colt (in race), 2:04½. Colorado E., at Lexington, Ky., Oct. 15, 1910. Best mile by a filly (against time), 2:06½. Native Belle, Lexington, Ky., Oct. 14, 1910. Best mile by a trotting stallion (in race), 2:11½. Silent Brigade, at Lexington, Ky., Sept. 16, 1910; against time, 2:08½. Kentucky Todd, Columbus, O., Sept. 19, 1907; 2:09½. Gen. Watts, Readville, Mass., Aug. 20, 1907. Best mile by a gelding, 2:08½. Peter Thompson, Detroit, Mich., Sept. 19, 1911. Best mile on half-mile track, 2:19½. Riply, Greensburg, Pa., Aug. 6, 1909.
- 1 mile, 4-year-olds—Best mile by a colt, 2:05½. Directum, Nashville, Tenn., Oct. 18, 1893 (race record). Best mile by a filly (in race), 2:04½. Joan, Lexington, Ky., Oct. 13, 1910. Best mile by a gelding, 2:08. John Nolan, Louisville, Ky., Sept. 28, 1898 (race record), and Boralma, Lexington, Ky., Oct. 4, 1900 (race record).
- 1 mile, 5-year-olds—Best mile by a colt, 2:06½. Ralph Wilkes, Nashville, Tenn., Oct. 19, 1894, and Bingen, Louisville, Ky., Sept. 26, 1893 (latter a race record). Best mile by a mare, 1:58½. Lou Dillon, as above. Best mile by stallion (in race), 2:02. The Harvester, Buffalo, N. Y., Aug. 17, 1910. Best mile by a gelding, 2:07. Lord Derby, New York, Sept. 10, 1900.

- 1 mile, fastest two-heat race—2:01½, 2:01½, Hamburg Belle, North Randall, O., Aug. 25, 1909. By a stallion, 2:04½, 2:03½, The Harvester, at Cleveland, O., Aug. 13, 1910.
- 1 mile, fastest three heat race—By a mare, 2:04½ (Spanish Queen), 2:04½, 2:04½, Billy Burke, Syracuse, N. Y., Sept. 11, 1911; by a stallion, 2:07½, 2:06, 2:06, Cresceus, Cleveland, O., Aug. 1, 1909; Tommy Britton, Columbus, O., Aug. 4, 1899; by gelding, 2:04½, 2:05½, 2:05½, Country Jay, 14yrs., Kalamazoo, Mich., July 29, 1910.
- 1 mile—fastest four heat race—2:03½ (Billy Burke), 2:06½, 2:04½, 2:06½, Dudie Archdale, Columbus, O., Oct. 1, 1912.
- 1 mile, fastest five-heat race—2:05½, 2:04½, 2:05, 2:08½, 2:09, Sweet Marie, Lexington, Ky., Oct. 6, 1904 (Tiverton won the first and second heats). By 3-year-olds, 2:09½, 2:09½, 2:11½, 2:13, 2:09½, Grace Bond, Memphis, Tenn., Oct. 4 (Alta Arworthy won the third and fourth heats).
- 1 mile, fastest six-heat race—2:07½, 2:08, 2:08½, 2:08½, 2:09½, 2:07½, Manrico, Lexington, Ky., Oct. 8, 1912. (First heat won by Baldy McGregor and second and third by Rhythmell.)
- 1 mile, over half-mile track—By a gelding, 2:02½, Uhlan, Goshen, N. Y., Aug. 24, 1911; by a mare, 2:07, Sweet Marie, Allentown, Pa., Sept. 21, 1907; by 3-year-old mare, 2:15½, Ruth Dillon, Crawfordsville, Ind., Aug. 29, 1907; by a stallion, 2:08, Cresceus, Omaha, Neb., Sept. 19, 1903; by a stallion in a three-heat race, 2:10½, 2:10½, 2:10½, Joe Bowers, Aurora, Ill., July 29, 1911.
- 1½ miles—2:22½, Major Delmar, Memphis, Oct. 23, 1902.
- 2 miles—4:15½, The Harvester, Lexington, Ky., Oct. 13; 4:17, Cresceus, Memphis, Tenn., Oct. 31, 1902; race record, 4:36½, Nightingale, Buffalo, N. Y., Aug. 9, 1894. On half-mile track, 4:46, Masconoma, Lewiston, Me., Sept. 7, 1906.
- 3 miles—6:55½, Nightingale, Nashville, Tenn., Oct. 20, 1893; race record, 7:19½, Bishop Hero, Oakland, Cal., Oct. 7, 1893.
- 4 miles—10:12, Senator L., San Jose, Cal., Nov. 1, 1894; race record, 11:05, Lady Dooley, San Francisco, Cal., July 1, 1869.
- 5 miles—12:30½, Bishop Hero, Oakland, Cal., Oct. 14, 1893 (race record).
- 6 miles—16:08, against time, Long Time, Denver, Col., May 31, 1893.
- 10 miles—26:15, Pascal, New York city, Nov. 2, 1893; race record, 27:23½, Controller, San Francisco, Cal., Nov. 23, 1878.
- 20 miles—58:25, Capt. Macgowan, Boston, Mass., Oct. 2, 1865.
- 50 miles—3:52:00, Ginger, Bath Road, England, July 10, 1887; America, 3:55:40½, Ariel, Albany, N. Y., May 5, 1846.
- 100 miles—8:55:53, Conqueror, Long Island, Nov. 12, 1853.

TROTTING TO WAGON.

- ½ mile—:56½, Uhlan (paced by runner), Cleveland, O., Aug. 11, 1911.
- 1 mile—2:00, Lou Dillon, Memphis, Tenn., Oct. 28, 1903, and Uhlan, Cleveland, O., Aug. 8, 1911; two successive heats, 2:05½ and 2:04½, Major Delmar, Cleveland, O., Oct. 7, 1905.
- 2 miles—4:38, Pelegon, Belmont, Philadelphia, Oct. 20, 1909.
- 3 miles—7:30½, Ed Bryan, Point Breeze, Philadelphia, Nov. 8, 1905.
- 5 miles—13:16, Fillmore, San Francisco, April 18, 1863 (race record).
- 10 miles—29:04½, Julia Aldrich, San Francisco, Cal., April 20, 1878 (race record).
- 20 miles—58:57, Controller, San Francisco, April 20, 1878.
- 50 miles—3:58:08, Spangle, Union course, Long Island, Oct. 15, 1855.

TEAMS TO POLE.

- 1 mile—2:03½, Uhlan and Lewis Torrent, Lexington, Ky., Oct. 11, 1912.

TROTTING TO HIGH SULKY.

- 1 mile—2:05, Lou Dillon, Cleveland, O., Sept. 11, 1903; 2:07, Major Delmar, Memphis, Tenn., Oct. 26, 1904 (nonball-bearing sulky); 2:08½, Maud S., Glenville, 1885.

TROTTING UNDER SADDLE.

- 1 mile—2:10½, Country Jay, Cleveland, O., Aug. 13, 1909.

BEST PACING RECORDS.

- ¼ mile—:27½, Dan Patch, Memphis, Tenn., Oct. 27, 1903; :28, Star Pointer, Sept. 28, 1897 (against time, accompanied by a running horse).
- ½ mile—:56, Dan Patch, Memphis, Tenn., Oct. 27, 1903 (against time); :57½, Star Pointer, Philadelphia, Pa., Sept. 17, 1898 (against time, accompanied by a running horse); :58½, Dazzle Patch, Hamline, Minn., Sept. 6, 1912 (record for ½ mile by 2 year old pacer).
- ¾ mile—1:26½, Prince Alert (with wind shield), Empire track, New York, Sept. 23, 1903.
- 1 mile—1:55, Dan Patch, St. Paul, Sept. 8, 1906 (with dust shield, a runner in front and at one side); 1:54½, Dan Patch, Lexington, Ky., Oct. 7, 1905 (with wind shield and runner at side); 1:58, Dan Patch, Memphis, Tenn., Nov. 11, 1905 (without wind shield); :58½, Minor Heir, Sept. 15, 1910; fastest in competition, 1:59, by Minor Heir, at Indianapolis, Ind., Sept. 13, 1910. Best mile by a mare, 2:00½, Darrel, Memphis, Tenn., Oct. 24, 1903; 2:00½, Evelyn W., Syracuse, N. Y., Sept. 13, 1912. (Fastest heat paced by mare, fastest second heat by any pacer; with first heat—2:03½—fastest two heats paced by mare.)
- 1 mile, yearlings—Best mile by a colt against time, 2:22, Rosedale, Stockton, Cal., Nov. 14, 1893; race record, 2:33½, Ambulator, Sturgis, Mich., Sept. 28, 1893. Best mile by a filly against time, 2:20½, Belle Acton, Lyons, Neb., Oct. 14, 1892; race record, 2:30½, Belle Acton, Topeka, Kan., Sept. 14, 1892. Best mile by a gelding, 2:28½, Rollo, Independence, Iowa, Oct. 27, 1891.
- 1 mile, 2-year-olds—Best mile by a colt against time, 2:07½, Directly, Galesburg, Ill., Sept. 20, 1894; race record, 2:11, Symbeleer, Dallas, Tex., Nov. 3, 1894. Best mile by a filly, 2:10½, Ecstasy, Lexington, Ky., Oct. 15, 1898 (race record regardless of sex).
- 1 mile, 3-year-olds—2:05½, Miss Deforest, Lexington, Ky., Oct. 6, 1911; best mile by a gelding, 2:09½, Agitator, Woodland, Cal., Aug. 27, 1896, and King of Diamonds, Lexington, Ky., Oct. 17, 1896.
- 1 mile, 4 year olds—2:02½, Braden Direct, Lexington, Ky., Oct. 8, 1912; race record, 2:04½, Searchlight, Dubuque, Iowa, Aug. 23, 1898; Be Sure, Terre Haute, Ind., Aug. 9, 1895, and Ananias, Terre Haute, Ind., Sept. 29, 1897.
- 1 mile—Best mile by a filly, 2:05½, The Maid, Columbus, O., Aug. 2, 1899 (race record). Best mile by a gelding, kite-shaped track, W. Wood, Stockton, Cal., Nov. 1, 1892; race record, 2:07½, Palmyra Boy, Indianapolis, Ind., Sept. 14, 1897, and King of Diamonds, St. Joseph, Mo., Aug. 28, 1897.
- 1 mile, 5-year-olds—Best mile by a stallion, 2:03½, Searchlight, Columbus, O., Aug. 2, 1899 (race record). Best mile by a mare, 2:05½, Bessie Bonehill, Terre Haute, Ind., Sept. 29, 1897 (race record). Best mile by a gelding, 2:02½, Caney, Cleveland, O., July 24, 1900 (race record).
- 1 mile, fastest two-heat race—2:01½, 2:01, Minor Heir, Terre Haute, Ind., July 17, 1903. By a mare, 2:03, 2:03½, The Broncho, Cleveland, O., Aug. 3, 1905.
- 1 mile, fastest three-heat race—2:00½, 2:02½, 2:03½, Bolivar, Readville, Mass., Aug. 25, 1906; 2:02½, 2:01½, 2:02, Independence Boy, Columbus, O., Aug. 17, 1911; fastest three consecutive heats, 2:03, 2:03½, 2:02½, The Broncho, Cleveland, O., Aug. 3, 1906; 2:03½, 2:02½, 2:03½, Lady Maud O., Springfield, Ill., Oct. 8, 1909; 2:02½, 2:03½, 2:03½, Star Pointer, Boston, Mass., Sept. 18, 1896; by a stallion in a race, 2:03½, 2:02, 2:02½, Vernon McKinney, Columbus, O., Aug. 21, 1911.
- 1 mile, fastest four-heat race—2:03, 2:03, 2:03½, 2:02½ (second heat won by Earl Jr.), Evelyn W., Columbus, O., Aug. 22, 1911; fastest fourth heat in a race, 2:02½, as above.
- 1 mile, fastest five heat race—2:01½, 2:03½, 2:01½, 2:03½, 2:04½, Evelyn W. and Earl Jr., Columbus, O., Oct. 3, 1912. (Evelyn W. won the first, third and fourth heats.)
- 1 mile, fastest six-heat race—2:06½, 2:05½, 2:04½, 2:05½, 2:03, 2:04½, Babe and Ty Cobb, Columbus, O., Oct. 4, 1912. (Babe won third, fifth and sixth heats.)
- 1 mile, fastest seven-heat race—2:00½, 2:02, 2:05½,

2:08½, 2:06½, 2:06¼, 2:07½ (first two by Minor Heir, third by The Bel, fourth by Copa de Oro and last three by Jersey B.), Lexington, Ky., Oct. 6, 1908.

1 mile, half-mile track—2:04½, Joe Patchen, Boston, Mass., Oct. 28, 1896; race record, 2:04½, Joe Patchen, Lima, O., July 4, 1900, and Prince Alert, Allentown, Pa., Sept. 25, 1901.

2 miles—4:19¼, Chehalis, Salem, Ore., Oct. 7, 1897; by a stallion, 4:24¼, Nervolo, Memphis, Oct. 29, 1902.

3 miles—7:31¼, Elastic Pointer, Kendallville, Ind., Sept. 30, 1909; race record, 7:44, James K. Polk, Centerville, L. I., Sept. 13, 1847.

4 miles—10:10, Joe Jefferson, Knoxville, Iowa, Nov. 13, 1891; race record, 10:34½, Longfellow, San Francisco, Cal., Dec. 31, 1869.

5 miles—12:54¾, Lady St. Clair, San Jose, Cal., Dec. 11, 1874 (race record and to wagon).

FACING TO WAGON.

1 mile—1:57¼, Dan Patch, Memphis, Tenn., Oct. 27, 1903; best three heats in race, 2:06¼, 2:04½, 2:06¼, Angus Pointer, Memphis, Tenn., Oct. 20, 1904 (Baron Grattan won first heat). Best mile by mare (against time), 2:04½, Aileen Wilson, Lexington, Ky., Oct. 13, 1910.

3 miles—7:53, Longfellow, Sacramento, Cal., Sept. 21, 1868.

5 miles—12:54¾, Lady St. Clair, as above.

TEAMS TO FOLE.

¼ mile—29¾, Bontas Crooke and Prince Direct, Cleveland, O., July 22, 1905.

½ mile—1:00¾, Prince Direct and Morning Star, Memphis, Tenn., Oct. 21, 1904.

1 mile—2:02, Minor Heir and George Gano, Columbus, O., Oct. 1, 1912.

ONE-MILE TROTTING RECORDS.

Made since 1806.

Horse.	Time.	Month.	Year.
Yankee	2:59	June	1806
Boston Horse	2:48½	August	1810
Trouble	2:43½		1826
Edwin Forrest	2:31½	May 9	1834
Lady Suffolk	2:29½	Oct. 13	1845
Pelham	2:28	July 2	1849
Highland Maid	2:27	June 15	1853
Flora Temple	2:24½	Sept. 2	1856
Flora Temple	2:22	Aug. 9	1859
Flora Temple	2:21¾	Oct. 7	1859
Flora Temple	2:19¾	Oct. 15	1859
Dexter	2:19	July 30	1867
Dexter	2:17¼	Aug. 14	1867
Goldsmith Maid	2:17	Sept. 6	1871
Goldsmith Maid	2:16¾	June 9	1872
Goldsmith Maid	2:16	July 16	1874
Goldsmith Maid	2:15¾	Aug. 7	1874
Goldsmith Maid	2:14¾	Aug. 12	1874
Goldsmith Maid	2:14	Sept. 2	1874
Rarus	2:13¾	Aug. 3	1878
St. Julien	2:12¾	Oct. 25	1880
Maud S.	2:11¾	Aug. 12	1889
St. Julien	2:11¼	Aug. 27	1889
Maud S.	2:10¾	Sept. 18	1889
Maud S.	2:10¼	July 13	1881
Maud S.	2:10¼	Aug. 11	1881
Jay-Eye-See	2:10	Aug. 1	1884
Maud S.	2:09¾	Aug. 2	1884
Maud S.	2:09¼	Nov. 11	1884
Maud S.	2:08¾	July 30	1885
Sunol	2:08¼	Oct. 20	1891
Nancy Hanks	2:07¾	Aug. 17	1892
Nancy Hanks	2:07¼	Aug. 31	1892
Nancy Hanks	2:06	Sept. 19	1892
Alx	2:05¾	Sept. 19	1894
The Abbot	2:03¼	Sept. 25	1900
Creasceus	2:02¾	July 26	1901
Creasceus	2:02¼	Aug. 2	1901
Lou Dillon	2:00	Aug. 24	1903
Major Delmar	2:00	Sept. 25	1903
*Creasceus	1:59¾	Oct. 19	1902
Lou Dillon	1:58¾	Oct. 24	1903
Uhlman	1:58	Oct. 8	1912

*Not allowed.

ONE-MILE PACING RECORDS.

Made since 1839.

Horse.	Time.	Month.	Year.
Drover	2:23	Oct. 3	1839
Fannie Ellsler	2:27½	Oct. 3	1844
Unknown	2:23	Aug. 2	1844

Horse.	Time.	Month.	Year.
Pet	2:21¼	Aug. 2	1851
Pet	2:18¼	Sept. 9	1852
Pocahontas	2:17¾	June 21	1855
Yankee Sam	2:16¾	Oct. 21	1869
Sweetzer	2:16	Oct. 3	1877
Sleepy George	2:15	Aug. 7	1878
Sleepy Tom	2:14¾	July 16	1879
Sleepy Tom	2:13¾	July 25	1879
Little Brown Jug	2:11½	Aug. 24	1881
Johnston	2:10	Oct. 9	1893
Direct	2:06	Sept. 4	1891
Hal Pointer	2:05¼	Sept. 22	1892
Mascot	2:04	Sept. 29	1892
Robert J.	2:03¾	Aug. 31	1894
Robert J.	2:02¾	Sept. 6	1894
Robert J.	2:01¾	Sept. 14	1894
John R. Gentry	2:00¾	Sept. 24	1896
Star Pointer	1:59¾	Aug. 28	1897
Dan Patch	1:59	Aug. 18	1903
Prince Alert	1:57	Sept. 23	1903
Dan Patch	1:56¼	Oct. 22	1903
Dan Patch	1:56	Oct. 26	1904
Dan Patch	1:55¼	Oct. 7	1905
Dan Patch	1:55	Sept. 8	1906

BEST PERFORMANCES IN 1912.

Following were the best performances on the American turf in 1912, in chronological order:

June 28—¼ mile, Canadian derby, best record for event, 2:04½, The Manager, Fort Erie, Ont.

July 30—1 mile, fastest by 4 year old pacer, 2:03¾, Braden Direct, Cleveland, O.

Aug. 15—1 mile, fastest two heats paced in a race, 2:03, 2:02¼; average, 2:05½; Evelyn W., Fort Erie, Ont.

Aug. 17—1 mile, world's trotting record for yearling, 2:19, Peter Volo, Lexington, Ky.

Sept. 4—¾ mile, best time for 2 year old pacer, 59¼, Dazzle Patch, Hamline, Minn.

Sept. 6—¾ mile, best time for 2 year old pacer, 58¾, Dazzle Patch, Hamline, Minn.

Sept. 13—1 mile, fastest heat paced by mare and fastest second heat by any pacer, 2:00½, Evelyn W., Syracuse, N. Y.

Sept. 13—1 mile, fastest two heats paced by mare, 2:00½, 2:03¾, Evelyn W., Syracuse, N. Y.

Sept. 24—1 mile, world's record for stallions pacing in team, 2:05, Minor Heir and George Gano, Kalamazoo, Mich.

Sept. 30—1 mile, fastest by 4 year old pacer, 2:03¾, Braden Direct, Columbus, O.

Oct. 1—1 mile, fastest four heat race by trotters, 2:03¼ (Billie Burke), 2:06¼, 2:04¼, 2:06¾, Columbus, O.

Oct. 1—1 mile, fastest by pacers in team, 2:02, Minor Heir and George Gano, Columbus, O.

Oct. 2—1 mile, world's record for yearling trotters, 2:15¾, Aldrade, Lexington, Ky.

Oct. 3—1 mile, fastest five-heat race by trotters, 2:01¾, 2:09¾, 2:01¾, 2:03¾, 2:04¾, Evelyn W. and Earl Jr., Columbus, O. (Evelyn W. took first, third and fourth heats.)

Oct. 4—1 mile, fastest six heats by pacers, 2:06¼, 2:05¾, 2:04¼, 2:05¾, 2:08, 2:04¼, Babe and Ty Cobb, Columbus, O. (Babe won third, fifth and sixth heats.)

Oct. 4—1 mile, fastest sixth heat by pacer, 2:04¼, Babe, Columbus, O.

Oct. 4—1 mile, fastest fifth heat by trotter, 2:06¼, Helen Stiles, Columbus, O.

Oct. 7—4 miles, world's record, running, 7:10¾, Sotemia, Louisville, Ky.

Oct. 8—1 mile, fastest by trotter or pacer, 1:58, Uhlman, Lexington, Ky. (without wind shield).

Oct. 8—1 mile, fastest six heat race by 3 year old trotter, 2:07¾, 2:08, 2:08¼, 2:08¼, 2:09¾, 2:07¼, Manrico, Lexington, Ky. (First heat won by Baldy McGregor, second and third by Rythmell.)

Oct. 8—1 mile, fastest sixth heat by any trotter, 2:07¼, Manrico, Lexington, Ky.

Oct. 8—1 mile, fastest by 4 year old pacer, 2:02¾, Braden Direct, Lexington, Ky.

Oct. 8—1 mile, fastest three heats by 4 year old pacer, 2:02¾, 2:03¾, 2:03¾, Braden Direct, Lexington, Ky.

Oct. 9—1 mile, fastest two heats trotted in a race by a 2 year old stallion, 2:11, 2:12¼, Lord Allen, Lexington, Ky.

Oct. 11—1 mile, fastest trotted by team to pole, 2:03½, Uhlan and Lewis Forrest, Lexington, Ky.
Oct. 15—1 mile, fastest seventh heat by pacer, 2:06¾, Walter Cochato, Lexington, Ky.

MOTORING.

[Compiled by C. G. Sinsabaugh.]

Summing up the motoring season of 1912, one finds a dearth of contests in comparison with previous years. American car manufacturers have not supported the sport as they formerly did; stock car events, which formerly were the predominating factors in contests in this country, were wiped off the slate altogether and everything was nonstock and free-for-all. The lack of interest among the American manufacturers left the field almost clear for the foreigners in a racing way and the result was that in road racing the cream went to the cars of European construction.

Reliability runs were fewer than ever and those that were contested brought out skimpy fields and failed to arouse enthusiasm. Even the Glidden tour of the American Automobile association, which had flourished for so many years, had to be abandoned because of a lack of entries, while hill climbs were as scarce as reliabilities. The only bright spot was in Chicago, where the usual team matches between clubs, events which interested the owners themselves, flourished. In Chicago in 1912 there were contested four different team matches, each of which brought out good sized fields and stirred up local enthusiasm in this branch of the sport.

The annual 500 mile race on the Indianapolis speedway was another success, brought about by the huge crowds that attended and the fact that an American car won. It is estimated that 80,000 persons saw the race and cheered for Joe Dawson in the National when he unexpectedly won, after Ralph De Palma, 15 minutes ahead, had broken down when he had only one more lap to go. As the winner received a cash prize of \$25,000, not counting the perquisites from the accessory manufacturers, the disappointment of De Palma may be appreciated.

But the outlook for 1913 is not so gloomy. Evidently the manufacturers have realized their mistake in withdrawing their support, especially in a racing way. Indications point to a number of big concerns entering the racing game in 1913, and it is thought that there will be a revival of interest that will put the sport on the high plane it formerly occupied.

So far as dirt track racing goes, 1912 was about the same as usual. There is more of a commercial side to dirt track racing than there is to other divisions of motoring, for the game is kept alive by a few aggregations of speed merchants which arrange circuits taking in county fairs and the like, which reap rich harvests. There were three such outfits in 1912, one headed by Bob Burman, another by Barney Oldfield and a third by Louis Disbrow.

The record crop was a slim one. In the first place Bob Burman, who created the short distance straightaway records on the beach at Daytona, Fla., rested on his laurels, satisfied with his mile at the rate of 142 miles an hour. The road racing world's record, though, went by the boards when Teddy Tetzlaff in a Fiat maintained an average of 78.7 miles an hour in the free-for-all at Santa Monica. In neither the Grand Prix nor the Vanderbilt at Milwaukee was the previous high water mark touched, but at Elgin the course record was beaten in each of the four events that were run. The dirt track mile record was dropped to 46 seconds flat by Bob Burman in the Jumbo Benz at St. Louis.

Whereas American made cars were most prominent in road racing in 1911, taking all but four of the twenty-seven contests, in 1912 the foreigners won seven of the eighteen, including both the Grand Prix and Vanderbilt at Milwaukee, the two big races at Elgin and the free-for-alls at Tacoma and Santa Monica. In 1911 the Lozier won the Vanderbilt and the National the Elgin trophy, both American made cars.

To Ralph De Palma must be conceded the title of road racing champion of 1912, in view of the fact that he won four out of the five races in which he started. His one failure was the Grand Prix at Milwaukee, in which he would have been a sure second had it not been for the accident, caused by running into Bragg, the winner, as the two were making their final lap. De Palma was a consistent driver and is one of the most popular champions the sport ever has had. Teddy Tetzlaff is entitled to great consideration, too, for he won three road races on the Pacific coast earlier in the year, in one of which he smashed the world's record. He came east for the meets at Elgin and Milwaukee, expecting to add to his laurels and clinch the championship title. At Elgin his car broke down coming to the tape; in the Vanderbilt he was making a runaway race of it when mechanical troubles stopped him; in the Grand Prix he was a leader until more trouble overtook him. It is a remarkable fact that only two fatalities can be charged up against racing in 1912. The dirt track game showed a clean sheet, but at Milwaukee an accident robbed motoring of a brilliant driver when David Bruce-Brown was killed in practice. His mechanic, Tony Scudalleri, died a week later from his injuries.

This same David Bruce-Brown, accompanied by De Palma, drove in the French Grand Prix, and the former's work in that was so good that all Europe hailed him as king. The French Grand Prix was divided into two days of racing and at the end of the first day Bruce-Brown was the leader by 2 minutes over Boillot of France. The second day, though, brought hard luck to the American, who was forced to take on gasoline at a point away from the repair pits, which was against the rules and which resulted in disqualification. Bruce-Brown, delayed by this, continued and finished an unofficial third. De Palma also was disqualified for taking on fuel away from the pits.

Road racing in Europe was more popular in 1912 than it was in 1911. There were three big events and Boillot easily was the star because of his victory in the Grand Prix.

CHICAGO COMPETITIONS.

As was the case elsewhere in the country, Chicago found it hard sledding in promoting contests. An unusual angle was the abandoning of the annual Elgin road races by the Chicago Motor club, which, believing it was an off year, thought it would be impossible to secure sufficient entries. The Chicago Automobile club, which promoted the Crown Point races of 1909, thought otherwise and volunteered to make the attempt. The result was an unqualified success. As large an entry list as in 1911 was secured, the field included more brilliant drivers than ever before and brought the foreign cars into the competition, and a larger crowd saw the races the second day than ever before. De Palma in the Mercedes won both the races the second day, while on the first day Merz in a Stutz took the Illinois cup, Hughes in the Mercer the Aurora cup and Endicott in a Mason the Jencks trophy.

The Chicago Motor club ran off its Algonquin hill climb, in which the time honors went to Frank Kulick in a Ford Special, and also promoted a sensational reliability run around Lake Michigan, which carried the cars through wild country in northern Michigan.

Team matches were more numerous than ever. The Chicago Automobile club and the Chicago Athletic association met twice and each time the Cherry Circle triumphed, winning the annual summer match in a run to Milwaukee and back, and scoring again in a fall run to Brook, Ind., in which the Allen S. Ray and Carleton White trophies were the offerings. The Chicago Motor club and the Illinois Athletic club held a two day match to Ottawa, Ill., and back, in which the motor club was returned the winner. The amateur vs. trade match, a Chicago Motor club institution, was attempted, the drivers going to St. Joseph, Mich., but abandoning the return trip because of excessively bad weather conditions.

AMERICAN ROAD RACES IN 1912.

Race.	Distance.	Driver and car.	Average M. P. H.
Grand Prix, Milwaukee.....	410	Brags, Fiat.....	69.3
Vanderbilt cup, Milwaukee.....	300	De Palma, Mercedes.....	68.9
Elgin free-for-all.....	302.5	De Palma, Mercedes.....	68.9
Elgin National, under 600 inches.....	254	De Palma, Mercedes.....	68.4
Santa Monica free-for-all.....	303	Tetzlaff, Fiat.....	78.7
Tacoma free-for-all.....	250	Tetzlaff, Fiat.....	65.8
Bakersfield, Cal., free-for-all.....	212	Bayse, Stutz.....	37.4
Tacoma heavy car.....	200	Tetzlaff, Fiat.....	68.6
Illinois cup, Elgin, 301-450 class.....	203	Merz, Stutz.....	66.11
Tacoma medium heavy class.....	150	Cooper, Stutz.....	66.6
Aurora cup, Elgin, 231-300 class.....	152	Hughes, Mercer.....	65.0
Pabst trophy, Milwaukee, 231-300 class.....	221	Roberts, Mason.....	58.8
Santa Monica, 231-300 class.....	151.5	De Palma, Mercer.....	69.5
Tacoma, 231-300 class.....	150	Fullen, Mercer.....	61.9
Jencks trophy, Elgin, 161-230 class.....	150	Endicott, Mason.....	60.57
Santa Monica, 161-230 class.....	101	Joerman, Maxwell.....	61.9
Wisconsin cup, Milwaukee, 161-230 class.....	173.5	Endicott, Mason.....	55.6
Tacoma, 161-230 class.....	100	Evans, Studebaker.....	61.1

All American road races in 1912 were nonstock events.

FOREIGN ROAD RACES.

Race.	Distance.	Driver and car.	Average M. P. H.
French Grand Prix.....	956	Boillot, Peugeot.....	68.7
Sarthe cup, Le Mans, France.....	402.4	Goux, Peugeot.....	72.7
Grand Prix, 133 inch class, France.....	956	Rigal, Sunbeam.....	64.8
Le Mans, France, 133 inch class.....	402.4	Zuccarelli, Lion-Peugeot.....	64.8
Targa Florio.....	632	Selpe, Scat.....	26.7

The French Grand Prix was a two day race.

ANNUAL 500 MILE SPEEDWAY RACE, INDIANAPOLIS.

Year.	Winner and car.	No. starters.	No. finishers.	Time.	M. P. H.
1911—Harroun, Marmon.....	40	12	.....	6:42:08	74.59
1912—Dawson, National.....	24	10	.....	6:21:06	78.7

TWENTY-FOUR HOUR RECORDS.

The world's record for twenty-four hours is 1,581 miles 1,310 yards, an average pace of 65.9 miles an hour, made June 28-29, 1907, by S. F. Edge in a six-cylinder Napier on the three and one-quarter mile cement track at Weybridge, England.

The circular track twenty-four hour record was raised to 1,253 miles by Patschke and Poole in a Stearns at Brighton Beach track, New York, Aug. 19-20, 1910. The former record was 1,190 miles, made by Patschke and Mulford in a Lozier in 1909. An American competitive speedway twenty-four hour record was created at Los Angeles, where a Fiat covered 1,491 miles.

TRANSCONTINENTAL RECORD.

A record of 10 days 18 hours 12 minutes from New York to San Francisco was made Aug. 8-13, 1910, by L. L. Whitman, driving a four-cylinder Eco, the fastest trip ever made across the continent in a motor car. The record from San Francisco to New York is 15 days 12 hours, made in a Franklin in 1906 by Whitman.

CHICAGO-NEW YORK RECORD.

The record by automobile between Chicago and New York is 39:53:00. It was made by a Franklin twenty-eight horse-power runabout Aug. 21-22, 1907. The route followed was via Elkhardt, Cleveland, Erie, Buffalo, Rochester, Syracuse, Utica, Newburgh and along the east side of the Hudson to New York. The distance was 1,050 miles. The previous

record was 56:58:00, also made by a Franklin, a six-cylinder car.

ROAD RACING CLASSICS.

VANDERBILT CUP.

Year.	Winner and car.	Miles.	H.M.S.
1904—	George Heath, France, Panhard.....	284.40	5:26:45
1905—	Hemery, France, Darracq.....	283	4:38:08
1906—	Louis Wagner, France, Darracq.....	297.10	4:50:10 ¹⁰
1907—	(No race)		
1908—	George Robertson, America, Lombobile.....	258.60	4:00:48 ¹⁰
1909—	H. F. Grant, America, Alco.....	278.08	4:25:42
1910—	H. F. Grant, America, Alco.....	278.08	4:15:58
1911—	R. K. Mulford, America, Lozier.....	291.38	3:56:00 ¹⁰
1912—	R. De Palma, Germany, Mercedes.....	300.00	4:20:31

BENNETT CUP.

Year.	Winner.	Miles.	H.M.S.
1900—	M. Charron, France.....	351	9:09:39
1901—	M. Girardot, France.....	327	8:50:30
1902—	S. F. Edge, England.....	383	10:42:00
1903—	M. Jenatzy, Germany.....	386	8:36:00
1904—	R. B. Thery, France.....	350	5:41:03
1905—	R. B. Thery, France.....	342	7:02:42 ¹⁰

FRENCH GRAND PRIX.

Year.	Winner.	Miles.	H.M.S.
1906—	F. Szisz, France.....	474	12:14:05 ¹⁰
1907—	Nazzaro, Italy.....	478.30	6:46:33
1908—	Lautenschlager, Germany.....	478	6:55:43
1912—	Boillot, France.....	956	13:58:02

STRAIGHTAWAY FREE-FOR-ALL RECORDS, REGARDLESS OF CLASS.

Distance.	Time.	Driver.	Car.	Place.	Date.
1 kilometer.....	15.88	Burman.....	Blitzen-Benz.....	Daytona.....	April 23, 1911
1 mile.....	25.40	Burman.....	Blitzen-Benz.....	Daytona.....	April 23, 1911
2 miles.....	51.28	Burman.....	Blitzen-Benz.....	Daytona.....	April 23, 1911
5 miles.....	2:34	Hemery.....	Darracq.....	Daytona.....	Jan. 24, 1906
10 miles.....	5:34.40	Bruce-Brown.....	Benz.....	Daytona.....	Mar. 24, 1909
15 miles.....	10:00	Lancia.....	Flat.....	Daytona.....	Jan. 29, 1906
20 miles.....	13:11.92	Burman.....	Bulck Bug.....	Jacksonville.....	Mar. 30, 1911
50 miles.....	35:52.31	Burman.....	Bulck Bug.....	Jacksonville.....	Mar. 25, 1911
100 miles.....	1:12:45.20	Bernin.....	Renault.....	Daytona.....	Mar. 6, 1908
150 miles.....	1:55:18	Disbrow.....	Special.....	Jacksonville.....	Mar. 31, 1911
200 miles.....	2:34:12	Disbrow.....	Special.....	Jacksonville.....	Mar. 31, 1911
250 miles.....	3:14:55	Disbrow.....	Special.....	Jacksonville.....	Mar. 31, 1911
300 miles.....	3:53:33.50	Disbrow.....	Special.....	Jacksonville.....	Mar. 31, 1911
81.65 miles.....	1:00:00	Disbrow.....	Special.....	Jacksonville.....	Mar. 28, 1911
(Standing start.)					
1 mile.....	40.53	Oldfield.....	Benz.....	Daytona.....	Mar. 16, 1910

SPEEDWAY RECORDS, REGARDLESS OF CLASS.

Distance.	Time.	Driver.	Car.	Place.	Date.
$\frac{1}{4}$ mile.....	8.16.....	Burman.....	Blitzen-Benz.....	Indianapolis.....	May 29, 1911
$\frac{1}{2}$ mile.....	16.80.....	Burman.....	Blitzen-Benz.....	Indianapolis.....	May 29, 1911
1 kilo.....	21.40.....	Burman.....	Blitzen-Benz.....	Indianapolis.....	May 29, 1911
1 mile.....	35.35.....	Burman.....	Blitzen-Benz.....	Indianapolis.....	May 29, 1911
2 miles.....	1:15.96.....	Bragg.....	Fiat.....	Los Angeles.....	April 13, 1910
3 miles.....	1:54.83.....	Bragg.....	Fiat.....	Los Angeles.....	May 5, 1912
4 miles.....	2:33.37.....	Bragg.....	Fiat.....	Los Angeles.....	May 5, 1912
5 miles.....	3:11.75.....	Bragg.....	Fiat.....	Los Angeles.....	May 5, 1912
10 miles.....	6:35.62.....	Robertson.....	Simplex.....	Los Angeles.....	April 9, 1910
15 miles.....	10:25.17.....	Hearne.....	Benz.....	Indianapolis.....	July 4, 1910
20 miles.....	14:06.73.....	Hearne.....	Benz.....	Indianapolis.....	July 4, 1910
25 miles.....	18:22.69.....	Tetzlauff.....	Lozier.....	Los Angeles.....	Mar. 19, 1911
50 miles.....	36:35.80.....	Tetzlauff.....	Lozier.....	Los Angeles.....	Mar. 19, 1911
75 miles.....	54:50.20.....	Tetzlauff.....	Lozier.....	Los Angeles.....	Mar. 19, 1911
100 miles.....	1:13:37.25.....	Tetzlauff.....	Fiat.....	Indianapolis.....	May 30, 1912
150 miles.....	1:49:52.84.....	Tetzlauff.....	Fiat.....	Indianapolis.....	May 30, 1912
200 miles.....	2:25:59.52.....	Tetzlauff.....	Fiat.....	Indianapolis.....	May 30, 1912
250 miles.....	3:07:13.94.....	Tetzlauff.....	Fiat.....	Indianapolis.....	May 30, 1912
300 miles.....	3:48:49.30.....	Dawson.....	National.....	Indianapolis.....	May 30, 1912
350 miles.....	4:25:15.27.....	Dawson.....	National.....	Indianapolis.....	May 30, 1912
400 miles.....	5:04:14.23.....	Dawson.....	National.....	Indianapolis.....	May 30, 1912
450 miles.....	5:44:04.54.....	Dawson.....	National.....	Indianapolis.....	May 30, 1912
500 miles.....	6:21:06.03.....	Dawson.....	National.....	Indianapolis.....	May 30, 1912
(Hour records.)					
74 miles.....	1:00:00.....	Harroun.....	Marmon.....	Los Angeles.....	April 16, 1910
248 miles.....	2:00:00.....	Harroun.....	Marmon.....	Los Angeles.....	April 16, 1910

ONE MILE CIRCULAR DIRT TRACK RECORDS.

Distance.	Time.	Driver.	Car.	Place.	Date.
1 mile.....	.46.....	Burman.....	Jumbo Benz.....	St. Louis, Mo.....	Sept. 30, 1912
2 miles.....	1:32.60.....	Burman.....	Jumbo Benz.....	St. Louis, Mo.....	Sept. 30, 1912
3 miles.....	2:30.55.....	De Palma.....	Fiat.....	Syracuse.....	Sept. 17, 1910
4 miles.....	3:22.27.....	De Palma.....	Fiat.....	Syracuse.....	Sept. 17, 1910
5 miles.....	4:11.90.....	De Palma.....	Fiat.....	Syracuse.....	Sept. 17, 1910
10 miles.....	8:31.20.....	De Palma.....	Fiat.....	Narberth, Pa.....	Sept. 24, 1910
15 miles.....	13:30.00.....	Disbrow.....	Simplex.....	San Jose, Cal.....	April 14, 1912
20 miles.....	17:57.40.....	Disbrow.....	Simplex.....	San Jose, Cal.....	April 14, 1912
25 miles.....	22:26.60.....	Disbrow.....	Simplex.....	San Jose, Cal.....	April 14, 1912
50 miles.....	47:21.65.....	De Palma.....	Simplex.....	Syracuse.....	Sept. 16, 1911
75 miles.....	1:19:39.....	Strang.....	Buick.....	Columbus, O.....	July 3, 1909
100 miles.....	1:41:00.40.....	Burman.....	Buick.....	Columbus, O.....	July 3, 1909

MOTORCYCLING.

HAWTHORNE RACES.

Winners and time in North Shore Motorcycling club races at Hawthorne track, Chicago, May 30-June 1, 1912:

- 10 miles, free-for-all—Don Johns, 9:27%.
- 5 miles, private owners, 30:50 class—F. Pearson, 6:33%.
- 10 miles, free-for-all, 30:50 class—Shorty Mathews, 11:00%.
- 5 miles, trade riders, stripped stock machines, 61:00 class—Shorty Mathews, 5:03%.
- 5 miles, free-for-all, 61:00 class, Illinois state championship—Don Johns, 4:29%.
- 20 miles, free-for-all, 61:00 class—Don Johns, 18:57%.
- 6-hour endurance race—B. M. Blankenheim, 233 miles.
- 10 miles, free-for-all—Shorty Mathews, 9:53.
- 3 miles, professional—Dave Kenney, 3:12%.
- 5 miles, free-for-all—Shorty Mathews, 5:26.
- 5 miles, stripped stock machines—Shorty Mathews, 6:00%.
- 3 miles, professional, running start—Joe Walters, 2:50%.
- 5 miles, North Shore club race—W. F. Williamson, 6:29.
- 20 miles, free-for-all—Shorty Mathews, 19:44.
- 2 miles, stock race—Wenk, 6:01.
- 3 miles, professional—Joe Walters, 2:51.
- 2 miles, F. A. M. national championship—Don Johns, 2:02.
- 20 miles, free-for-all—Don Johns, 19:37%.

CHAMPIONSHIP MEET.

The annual championship meet of the Federation of American Motorcyclists was held in Columbus, O., July 20-21, 1912. Winners and time in principal events:

- 10 miles, amateur championship—J. Constant, 6:59%.
- 15 miles, professional championship—Ed Hasha, 10:53%.

- 5 miles, amateur championship—Don Clark, 3:28%.
- 1 mile, championship—J. Constant, 40%.
- 10 miles, open—J. Constant, 8:51%.
- 3 miles, professional—Seymour, 1:56.
- 5 miles, open, professional—Seymour, 3:26%.
- 1 mile, time trial, professional—Ed Hasha, 37%.
- 1 mile, time trial, professional—J. Constant, 50%.

RECORDS BROKEN.

W. E. Hasha of Dallas, Tex., at Los Angeles, Cal., Feb. 11, 1912, made what was claimed to be four new world's records, as follows: 1 mile in :39%, 2 miles in 1:19%, 3 miles in 2:01%, 4 miles in 2:40%.

In the same city Feb. 13 Joe Walters of Chicago won a 3-mile race in 2:00% and W. E. Hasha made 5 miles in 3:02%. Al Ward won a 10-mile race in 7:01%.

At the Brighton Beach motordrome, New York, July 23, Arthur Chapelle rode a mile in :39%.

In a trial against time at Columbus, O., July 21, Ed Hasha made a mile in :37%.

In a twenty-four hour team race at the Brighton Beach motordrome, New York, Sept. 20-21, James McNeill of Scotland and Earl Eckel of Washington, N. J., covered a distance of 1,374 miles 2 laps. The old record of 1,093 miles was passed in the seventeenth hour.

Johnnie Albright of Denver made 50 miles in 38:42% at the Brighton Beach motordrome, New York, Aug. 24.

Don Clark of Columbus, O., made 100 miles in 95:10 on the North Randall dirt track, Cleveland, O., Aug. 25, 1912.

BICYCLING.

Donald McDougal won the 1-mile world's amateur bicycle championship at the Newark (N. J.) velodrome Aug. 25, 1912. Time, 2:37%.

Frank Kramer won the 1-mile world's professional bicycle championship at the Newark (N. J.) velodrome Sept. 2, 1912. Time, 2 minutes flat.

GOLF.

AMERICAN OPEN CHAMPIONSHIP.

The national open golf championship tournament of 1912 took place on the links of the Buffalo Country club at Buffalo, N. Y., Aug. 1-2, and resulted in a victory for J. J. McDermott of the Country Club of Atlantic City, winner in 1911. His score was 294 for the 72 holes. Tom McNamara of Boston was second with 296. Record of the event:

- 1894—Willie Dunn (New York), St. Andrew's links, won by 2 up.
 1895—H. Rawlins (Newport), Newport links, 173.
 1896—James Foulis (Chicago), Shinnecock Hills, 152.
 1897—Joe Floyd (Essex), Wheaton links, 162.
 1898—Fred Herd (Washington Park), Myopia links, 328.
 1899—W. Smith (Midlothian), Baltimore links, 315.
 1900—H. Vardon (Ganton, England), Wheaton links, 313.
 1901—Willie Anderson (Pittsfield, Mass.), Myopia links, 331.
 1902—Lawrence Auchterlonie (Glen View), Garden City links, 307.
 1903—Willie Anderson (Apawamis), Baltusrol links, 307.
 1904—Willie Anderson (Apawamis), Glen View, 303.
 1905—Willie Anderson (Apawamis), Myopia links, 314.
 1906—Alexander Smith (Nassau), Onwentsia links, 295.
 1907—Alec Ross (Brae Burn), Philadelphia Cricket club, 302.
 1908—Fred McLeod (Midlothian), Myopia Hunt club, 322.
 1909—George Sargent (Hyde Manor), Englewood (N. J.) links, 290.
 1910—Alexander Smith (Wykagyl), Philadelphia Cricket club, 293.
 1911—J. J. McDermott (Atlantic City), Chicago Golf club, 308.
 1912—J. J. McDermott (Atlantic City), Buffalo Country club, 294.

AMERICAN AMATEUR CHAMPIONSHIP.

Jerome Travers of the Upper Mont Clair Country Club of New Jersey won the American Amateur golf championship by defeating Charles Evans, Jr., of the Edgewater Golf club, Chicago, 7 up and 6 to play, in the thirty-six hole final at the Chicago Golf club, Chicago, Sept. 7, 1912. Record of event to date:

- 1894—At Newport, R. I.—W. G. Lawrence, Newport, medal play, 188.
 1895—At Newport Golf club—C. B. Macdonald, Chicago Golf club, won; C. E. Sands, St. Andrew's Golf club, runner-up.
 1896—At Shinnecock Hills Golf club—H. J. Whigham, Onwentsia, won; J. G. Thorp, Cambridge, runner-up. Low score in qualifying round, H. J. Whigham, 163. Sixteen qualified.
 1897—At Chicago Golf club—H. J. Whigham, Onwentsia, won; W. R. Betts, Shinnecock Hills, runner-up. Low score in qualifying round, H. J. Whigham, 177. Sixteen qualified.
 1898—At Morris County, N. J.—F. S. Douglas, Fairfield, won; Walter B. Smith, Onwentsia, runner-up. Low score in qualifying round, J. H. Choate, Jr., Stockbridge, 175. Thirty-two qualified.
 1899—At Onwentsia—H. M. Harriman, Meadowbrook, won; F. S. Douglas, Fairfield, runner-up. Low score in qualifying round, C. B. Macdonald, Chicago, 168. Thirty-two qualified.
 1900—At Garden City—W. J. Travis, Garden City, won; F. S. Douglas, Fairfield, runner-up. Low score in qualifying round, W. J. Travis, 166. Thirty-two qualified.
 1901—At Atlantic City—W. J. Travis won; Walter E. Egan, Onwentsia, runner-up. Low score in qualifying round, W. J. Travis, 157. Thirty-two qualified.
 1902—At Glen View, Ill.—L. N. James, Glen View, won; E. M. Byers, Allegheny, runner-up. Low score in qualifying round, G. A. Ormiston, Pittsborough, and W. J. Travis tied at 79, the latter winning the play-off. Sixty-four qualified at 18 holes.
 1903—At Nassau, L. I.—W. J. Travis, Garden City won; E. M. Byers, Allegheny, runner-up. All match play.

- 1904—At Short Hills, N. J.—H. Chandler Egan, Exmoor Country club, won; Frederick Herreshoff, Brooklyn, runner-up. Low score in qualifying round, H. C. Egan, 242 for 54 holes. Sixty-four qualified.
 1905—At Wheaton, Ill.—H. Chandler Egan, Exmoor, won; D. E. Sawyer, Wheaton, runner-up. Low score in qualifying round, Dr. D. P. Fredericks, 155 for 36 holes. Thirty-four qualified.
 1906—At Englewood, N. J.—Eben M. Byers of Pittsborough won; George D. Lyon of Toronto, Ont., runner-up. Low score in qualifying round, W. J. Travis, 152 for 36 holes. Thirty-two qualified.
 1907—At Cleveland, O.—Jerome D. Travers of Mont Clair, N. J., won; Archie Graham of North Jersey runner-up. Low score in qualifying round, W. J. Travis, 146 for 36 holes. Thirty-two qualified.
 1908—At Garden City, N. Y.—Jerome D. Travers of Mont Clair, N. J., won; Max Behr of Morris County club runner-up. Low score in qualifying round, Walter J. Travis, 153 for 36 holes. Sixteen qualified.
 1909—At Chicago Golf club—Robert A. Gardner, Hinsdale, won; H. Chandler Egan, Exmoor, runner-up. Low score in qualifying round, Charles Evans, Jr., Thomas M. Sherman and Robert E. Gardner tied with 151 for 36 holes. Evans won the play-off. Thirty qualified.
 1910—At Brookline, Mass.—W. C. Fownes, Pittsborough, won; Warren K. Wood, Homewood, runner-up. Low score in qualifying round, Fred Herreshoff, Ekwanok, 152 for 36 holes. Thirty-two qualified.
 1911—At Rye, N. Y.—Harold H. Hilton, England, won; Frederick Herreshoff, Ekwanok, runner-up. Low score in qualifying round, Harold H. Hilton, 150 for 36 holes. Thirty-two qualified.
 1912—At Chicago Golf club—Jerome D. Travers of Mont Clair, N. J., won; Charles Evans, Jr., runner up. Low score in qualifying round, Harold Hilton and Charles Evans, Jr., 152; in play-off, eighteen holes, Evans won, 72 to 75. Thirty-two qualified.

WESTERN AMATEUR CHAMPIONSHIP.

Charles Evans, Jr., of the Edgewater Golf club was the winner of the fourteenth annual amateur championship tournament of the Western Golf association on the grounds of the Denver Country club, July 15-20, 1912. His opponent in the thirty-six hole final was W. K. Wood of the Homewood club, whom he defeated by 1 up. Championship record to date:

- 1899—David R. Forgan (Onwentsia), Glen View, 6 up.
 1900—Wm. Waller (Onwentsia), Lake Forest, 1 up.
 1901—Phelps B. Hoyt (Glen View), Midlothian, 6 up.
 1902—H. C. Egan (Exmoor), Wheaton, 1 up.
 1903—Walter E. Egan (Exmoor), Cleveland, 1 up.
 1904—H. C. Egan (Exmoor), Highland Park, 6 up, 5 to play.
 1905—H. C. Egan (Exmoor), Glen View, 3 up, 2 to play.
 1906—D. E. Sawyer (Wheaton), Glen Echo, 5 up, 4 to play.
 1907—H. C. Egan (Exmoor), Wheaton, 5 up, 4 to play.
 1908—Mason Phelps (Midlothian), Rock Island, 6 up, 5 to play.
 1909—Charles Evans, Jr. (Edgewater), Flossmoor, 1 up.
 1910—Mason Phelps (Midlothian), Minikahda, 2 up, 1 to play.
 1911—Albert Seckel (Riverside), Detroit, 8 up, 7 to play.
 1912—Charles Evans, Jr. (Edgewater), Denver, 1 up.

WESTERN OPEN CHAMPIONSHIP.

- Macdonald Smith, professional, of the Del Monte Golf and Country club, 1 up for 37 holes, June 3-8, open golf championship tournament on the links of the Idlewild Country club, Chicago, Aug. 23-29, 1912, with a total of 294 for the 6,480 yard course. Alvin Robertson of the Rock Island Arsenal Golf club was second with a score of 302. Championship record:
- 1899—Will Smith (Midlothian), Glen View.
 1900—No championship meet held.
 1901—Lawrence Auchterlonie (Glen View), Midlothian, 160.
 1902—Willie Anderson (Pittsfield), Euclid, 299.

- 1903—Alexander Smith (Nassau), Milwaukee, 318 (72 holes).
 1904—Willie Anderson (Apawamis), Kent Country (Grand Rapids, Mich.), 304.
 1905—Arthur Smith (Columbus, O.), Cincinnati, 278.
 1906—Alexander Smith (Nassau), Homewood, 306.
 1907—Robert Simpson (Omaha), Hinsdale, Ill., 307.
 1908—Willie Anderson (Onwentsia), St. Louis, 299.
 1909—Willie Anderson (St. Louis), Chicago, 288.
 1910—Charles Evans, Jr. (Edgewater), Chicago, 151 (36 holes).
 1911—Robert Simpson (Kenosha), Grand Rapids, 146 (36 holes).
 1912—Macdonald Smith (Del Monte, Cal.), Idlewild, Chicago, 299.

SOUTHERN CHAMPIONSHIP.

W. P. Stewart of New Orleans retained his title of southern golf champion by defeating Nelson M. Whitney, also of New Orleans, at the Chattanooga Golf and Country club, 1 up for 37 holes, June 3-8, 1912.

OLYMPIC CUP.

The Western Golf association team, consisting of Charles Evans, Warren K. Wood, D. E. Sawyer and K. P. Edwards, won the Olympic cup on the links of the Chicago Golf club, Aug. 31, 1912, with a score of 622. The United States Golf association team was second with 636 and the Metropolitan Golf association team third with 645. Winners of event to date:

- 1905—At Chicago, Western Pa. A., 655.
 1906—At St. Louis, Western G. A., 635.
 1907—At Cleveland, Metropolitan G. A., 641.
 1908—At Rock Island, Western G. A., 632.
 1909—At Chicago, Western G. A., 623.
 1910—At Minneapolis, Western G. A., 615.
 1911—At Detroit, Western G. A., 606.
 1912—At Chicago, Western G. A., 622.

BRITISH AMATEUR CHAMPIONSHIP.

Year.	Winner.	Runner up.
1886	H. Hutchinson	Henry Lamb
1887	H. Hutchinson	John Ball, Jr.
1888	J. Ball, Jr.	J. E. Laidlay
1889	J. E. Laidlay	L. W. Balfour
1890	J. Ball, Jr.	J. E. Laidlay
1891	J. E. Laidlay	H. H. Hilton
1892	J. Ball, Jr.	H. H. Hilton
1893	Peter Anderson	J. E. Laidlay
1894	J. Ball, Jr.	S. M. Ferguson
1895	L. B. Melville	J. Ball, Jr.
1896	F. G. Tait	H. H. Hilton
1897	A. J. T. Allan	J. Robb
1898	F. G. Tait	S. M. Ferguson
1899	J. Ball, Jr.	F. G. Tait
1900	H. H. Hilton	J. Robb
1901	H. H. Hilton	J. L. Low
1902	C. Hutchings	S. H. Fry
1903	R. Maxwell	H. Hutchinson
1904	W. J. Travis	E. Blackwell
1905	A. G. Barry	Hon. O. Scott
1906	James Robb	C. C. Leng
1907	J. Ball, Jr.	A. Palmer
1908	E. A. Lassen	H. F. Taylor
1909	R. Maxwell	C. K. Hutchinson
1910	John Ball	C. Aylmer
1911	H. H. Hilton	E. A. Lassen
1912	John Ball	H. A. Mitchell

*After a tie.

BRITISH OPEN CHAMPIONSHIP.

- 1890—John Ball, Jr. (R. L. G. C.), Prestwick, 164.
 1891—H. Kirkcaldy (St. Andrew's), St. Andrew's, 166.
 1892—H. H. Hilton (R. L. G. C.), Muirfield, 1305.
 1893—W. Auchterlonie (St. Andrew's), Prestwick, 322.
 1894—J. H. Taylor (Winchester), Sandwich, 325.
 1895—J. H. Taylor (Winchester), St. Andrew's, 322.
 1896—H. Vardon (Scarborough), Muirfield, 316.
 1897—H. H. Hilton (R. L. G. C.), Muirfield, 305.
 1898—H. Vardon (Scarborough), Prestwick, 307.
 1899—H. Vardon (Ganton), Sandwich, 310.
 1900—J. H. Taylor (Richmond), St. Andrew's, 309.
 1901—James Braid (Romford), Muirfield, 309.
 1902—Alex. Herd (Huddersfield), Hoylake, 307.
 1903—Alex. Herd (Huddersfield).
 1904—J. White (Sunningdale), Sandwich, 296.
 1905—Jas. Braid (Walton Heath), St. Andrew's, 318.

- 1906—James Braid (Walton Heath), Muirfield, 300.
 1907—Arnaud Massey (France), Hoylake, 317.
 1908—James Braid (Walton Heath), Prestwick, 291.
 1909—J. H. Taylor (Mid-Surrey), Sandwich, 295.
 1910—Jas. Braid (Walton Heath), St. Andrew's, 299.
 1911—H. Vardon (South Herts), Sandwich, 303.
 1912—Edw. Rair (Ganton), Muirfield, 294.
 *Amateur. †Changed to 72 holes.

WOMEN'S CHAMPIONSHIPS.

WESTERN.

Miss Caroline Painter of the Midlothian Country club won the tenth annual championship of the Women's Western Golf association, held on the links of the Hinsdale Golf club, Chicago, Aug. 26-30, 1912, defeating in the final round Miss Ruth Chisholm of Cleveland, 1 up. Record of event to date:

- 1901—Miss Bessie Anthony (Glen View), Onwentsia, 3 up, 1 to play.
 1902—Miss Bessie Anthony (Glen View), Onwentsia, 1 up.
 1903—Miss Bessie Anthony (Glen View), Exmoor, 3 up, 2 to play.
 1904—Miss Frances Everett (Exmoor), Glen View, 1 up.
 1905—Mrs. Charles L. Dering (Midlothian), Homewood, 4 up, 2 to play.
 1906—Mrs. Charles L. Dering (Midlothian), Exmoor, 1 up.
 1907—Miss Lillian French (Winnsboro), Midlothian, 1 up.
 1908—Mrs. W. Frances Anderson* (Hinsdale), St. Louis Country club, 3 up, 2 to play.
 1909—Miss Vida Llewellyn (LaGrange), Homewood, 6 up, 5 to play.
 1910—Mrs. Thurston Harris (Westward Ho), Skokie, 3 up, 2 to play.
 1911—Miss Caroline Painter (Midlothian), Midlothian, 3 up, 2 to play.
 1912—Miss Caroline Painter (Midlothian), Hinsdale, 1 up.

NATIONAL.

Miss Margaret Curtis of Boston won the woman's national golf championship of the United States for the third time Oct. 1-5, 1912, on the links of the Essex Country club at Manchester, Mass. Her opponent in the final round was Mrs. Roland H. Barlow of Philadelphia, whom she defeated 3 up and 2 to play. Record of event to date:

- 1895—Beatrice Hoyt, on Meadowbrook Country club links.
 1896—Beatrice Hoyt, Morris Country club, 2 up, 1 to play.
 1897—Beatrice Hoyt, Essex Country club, 5 up, 4 to play.
 1898—Beatrice Hoyt, Ardsley club, 5 up, 3 to play.
 1899—Ruth Underhill, Philadelphia Country club, 2 up, 1 to play.
 1900—Frances Griscom, Shinnecock Hills, 6 up, 4 to play.
 1901—Genevieve Hecker, Baltusrol Golf club, 5 up, 3 to play.
 1902—Genevieve Hecker, Brookline, 4 up, 2 to play.
 1903—Bessie Anthony, Chicago Golf club, 7 up, 6 to play.
 1904—Georgeanna Bishop, Philadelphia, 5 up, 3 to play.
 1905—Pauline Mackay, Oakley Country club, 1 up.
 1906—Harriet S. Curtis, Brae Burn Country club, 2 up, 1 to play.
 1907—Margaret Curtis, Midlothian, 7 up, 6 to play.
 1908—Catherine C. Harley, Fall River, 6 up, 5 to play.
 1909—Dorothy Campbell (North Berwick, Scotland), Merion Cricket club, 3 up, 1 to play.
 1910—Dorothy Campbell (Hamilton, Ont.), Homewood Country club, 2 up, 1 to play.
 1911—Margaret Curtis (Boston), Baltusrol Golf club, 5 up, 3 to play.
 1912—Margaret Curtis (Boston), Essex Country club, 3 up, 2 to play.

SOUTHERN.

Mrs. Frank G. Jones of Memphis, Tenn., won the women's golf championship of the south by defeating Mrs. George W. Harrington of Atlanta, Ga., 4 up, 3 to play, on the links of the Memphis Country club May 17, 1912.

EASTERN.

Mrs. R. H. Barlow of Merion, Pa., won the eastern women's golf championship when she scored 261 for 54 holes of medal play on the links of the Philadelphia Cricket club June 5, 1912. Mrs. G. W. Roope of Brae Burn, Pa., was second with 285.

CHICAGO CHAMPIONSHIP.

Miss Caroline Painter of Midlothian won the Edward F. Carry cup, emblematic of the Chicago championship, Aug. 2, 1912, by defeating Miss Ruth Layman of Hinsdale, 5 and 4, in the final at the Exmoor Country club. In 1910 Mrs. Thurston Harris of Westward Ho was the winner of the event. There was no contest in 1911.

OTHER CHAMPIONSHIPS.

Boston—Mrs. G. W. Roope, at Wollaston Golf club, May 24.
 British—Miss Gladys Ravenscroft, at Turnberry, Scotland, May 18.
 California—Miss Edith Chesebrough, at San Francisco, May 3.
 Crafts W. Higgins Trophy—Midlothian Country club, July 1.
 Indiana—Mrs. Harry Hammond, at Highland Golf club, Aug. 11.
 Metropolitan—Mrs. Victor M. Earle, at Englewood (N. J.) Golf club, May 24.
 Philadelphia—Mrs. Ronald H. Barlow, at St. David's Golf club, May 24.
 United North and South—Mrs. J. Raymond Price, at Pinehurst, N. C., Aug. 16.

OTHER CHAMPIONSHIPS.

STATE.

California (northern)—Campbell D. Whyte, at San Francisco, May 1.
 Carolinas—R. H. Gwaltney, at Cape Fear Country club, May 11.
 Connecticut—C. G. Waldo, at Greenwich Country club, July 13.
 Florida—R. H. McElwee, at Palm Beach, March 14.
 Florida (southern)—Walter J. Travis, at Palm Beach, Feb. 17.
 Illinois (central)—Noah Dixon, at Bloomington Country club, July 20.
 Indiana—W. H. Diddel, at Riverside Golf club, Aug. 10.
 Iowa—William Sneehey, at Sioux City Country club, July 6.
 Kansas—Paul R. Talbot, at Topeka Country club, June 29.
 Kentucky—J. B. Warner, at Audubon Country club, June 22.
 Massachusetts (amateur)—Heinrich Schmidt, at Brae Burn Country club, June 15.
 Massachusetts Open—Alex Ross, at Oakley Country club, July 3.
 Michigan—J. D. Standish, Jr., at Detroit Golf club, July 27.
 Minnesota—Harry G. Legg, at Town and Country club, Aug. 3.
 Missouri—Stewart G. Stickney, at Evanston Golf club, June 15.
 Nebraska—Sam Reynolds, at Omaha Country club, New Jersey—Oswald Kirby, at Atlantic City Country club, June 8.
 New York (western)—Walter J. Travis, Jr., at Buffalo Country club, Aug. 6.
 Pennsylvania—W. C. Fownes, Jr., at Oakmont Country club, June 29.
 Pennsylvania (western)—E. M. Byers, at Oakmont Country club, July 17.
 Texas—G. V. Rotan, at Dallas Country club, May 18.
 Wisconsin—E. P. Allis, at Blue Mound Country club, July 27.

CITY.

Buffalo—W. A. Gardner, at Buffalo Country club, July 6.
 Chicago—R. S. Scott, at Jackson park links, Aug. 16.
 New York—J. A. Boot, at Van Cortlandt park links, Aug. 30.
 Philadelphia—H. B. McFarland, St. David's Golf club, June 8.
 St. Louis—W. A. Stickney, at Westwood Country club, June 29.

FOREIGN.

Canadian Open—George Sargent, at Rosedale Golf club, Aug. 9.
 French Amateur—Michael Scott, at Paris, July 6.
 French Open—Jean Gassiat, at Paris, July 2.
 Pacific Northwest—R. M. Hincks, at Victoria, B. C., May 11.

MISCELLANEOUS.

Ad Men's—T. M. Sherman, at Bretton Woods, N. H., July 12.
 Eastern Intercollegiate (team)—Yale, at Manchester, Vt., Sept. 11.
 Eastern Intercollegiate (individual)—F. C. Davidson, Harvard, at Manchester, Vt., Sept. 14.
 Eastern Interscholastic—Phillip Carter, Pawling school, at Montclair (N. J.) Golf club, May 29.
 Hudson River—Gilman Tiffany, at Powelton Golf club, July 13.
 League of Lower Lakes—George S. Lyon, at the Rochester (N. Y.) Country club, July 2.
 Metropolitan Amateur—Jerome D. Travers, at Baltusrol Golf club, May 25.
 Metropolitan Open—Tom McNamara, at Apawamis Golf club, July 11.
 Middle Atlantic—P. Brooke, at Chevy Chase (Md.) Country club, June 8.
 Tom Morris Memorial Trophy—Los Angeles Country club, June 15.
 Trans-Mississippi—Harry G. Legg, at Minikahda club, Minneapolis, Aug. 17.
 United North and South—Tom McNamara, at Pinehurst, N. C., April 1.
 Western Interscholastic—Harold Ridgely, Bowen high school, at Idlewild Country club, Flossmoor, Ill., June 26.

GOLF OFFICIALS.

United States Golf Association—President, Silas H. Strawn, Chicago, Ill.; vice-president, Josepha H. Clark, Philadelphia, Pa., and Milton Dargan, Atlanta, Ga.; secretary, R. C. Watson, 70 East 45th street, New York, N. Y.; treasurer, E. Fellowes Morgan, Springfield, N. J.
 Western Golf Association—President, John Cady, Moline, Ill.; secretary, Charles E. Willard, 914 McCormick building, Chicago, Ill.; treasurer, Bruce D. Smith, Northern Trust company, Chicago.

BASKET BALL.

CONFERENCE CHAMPIONSHIP.

Wisconsin and Purdue were tied for the conference college basketball championship in the series of 1912, both finishing during the season without a defeat. Standing of the clubs:

Club.	W. L. Pet.	Club.	W. L. Pet.
Wisconsin	11 0 1.000	Illinois	5 7 .417
Purdue	10 0 1.000	Indiana	1 9 .103
Chicago	7 5 .583	Northwestern	0 9 .000
Minnesota	6 6 .500		

EASTERN INTERCOLLEGIATE LEAGUE.

Columbia won the eastern intercollegiate league basket ball championship series of 1912 with eight victories and two defeats. Standing of the clubs at the close of the season, March 2:

Club.	W. L. Pet.	Club.	W. L. Pet.
Columbia	8 2 .800	Cornell	5 5 .500
Dartmouth	7 3 .700	Princeton	3 7 .300
Pennsylvania	6 4 .600	Yale	1 9 .100

MINOR COLLEGE CHAMPIONSHIP.

Beloit college won the minor college basket ball championship of the middle west by going through the 1912 season without a defeat. Following was the final standing:

Club.	W. L. Pet.	Club.	W. L. Pet.
Beloit	6 0 1.000	Monmouth	2 5 .285
Lake Forest	6 2 .750	Armour	1 7 .125
Knox	3 4 .428		

CHICAGO CHAMPIONSHIP.

In the basket ball tournament played under the auspices of The Daily News for the unlimited weight championship of Chicago the winning team was the Armour Square Hamburgs. The contest ended Saturday evening, April 6, 1912, at the Bartlett gymnasium, the Hamburgs defeating the Evansston M. C. A. Reds by a score of 23 to 14. The winning players were awarded the championship team trophy and seven gold medals.

TENNIS.

WESTERN CHAMPIONSHIPS.

The twenty-fifth annual western tennis championship tournament was held on the courts of the Onwentsia club at Lake Forest, Ill., July 20-29, 1912. In the final round of the men's doubles W. T. Hayes and J. H. Winston defeated Alex Squalr and A. L. Green, Jr., 6-1, 6-3, 6-2. In the men's consolation doubles Drummold Jones and Joe Armstrong defeated C. G. Comstock, Jr., and C. M. Vail, 6-1, 6-2. In the women's doubles, final round, Miss May Sutton and Miss C. B. Neely defeated Miss Mary K. Browne and Mrs. F. H. Seymour, 6-1, 6-3. In the women's singles, final round, Miss May Sutton defeated Miss Mary K. Browne, 6-0, 6-3. In the final of the men's singles T. C. Bundy of Los Angeles, Cal., defeated Fred Inman of New York, 5-7, 2-6, 6-1, 6-1, 6-2. In the challenge match Maurice McLoughlin of San Francisco, Cal., defeated Bundy, 8-10, 6-1, 6-4, 6-4.

EASTERN CHAMPIONSHIPS.

The eastern tennis championships in singles and doubles were decided at the tournament at the Longwood Cricket club, Boston, July 15-24, 1912. In the finals of the singles Maurice E. McLoughlin of San Francisco, Cal., defeated William J. Clothier of Philadelphia, 7-5, 8-6, 6-4. In the challenge match McLoughlin defeated E. P. Larned of Summit, N. J., 6-4, 6-2, 6-4. The victory carried with it the Longwood cup, which had been in the Larned family ten years. In the doubles William J. Clothier and George P. Gardner, Jr., of Boston were the victors, defeating Craig Biddle and R. W. Williams of Philadelphia, 6-2, 11-13, 8-6, 6-4.

SOUTHERN CHAMPIONSHIPS.

In the southern tennis championship tournament held in Atlanta, Ga., July 1-6, 1912, Carleton Y. Smith of Atlanta won in the singles by defeating C. M. Charest, also of Atlanta, 6-0, 6-3, 6-2. The doubles championship was taken by Nat Thornton and Carleton Y. Smith.

NORTHWESTERN CHAMPIONSHIPS.

The twenty-third annual tennis tournament for the northwestern championships took place on the Deep Haven courts at Lake Minnetonka, Minn., July 15-25, 1912. In the finals of the singles Selford Stellwegen of Minneapolis defeated Ward C. Burton of the same city, 6-2, 3-6, 6-4, 1-6, 6-2. The challenge match was not played, L. H. Waldner not appearing to defend the title. In the doubles J. J. Armstrong and J. W. Adams won the championship by defeating S. Stellwegen and Trafford Jayne, 7-5, 6-2, 6-1.

PACIFIC NORTHWEST CHAMPIONSHIPS.

In the Pacific northwest championship tennis tournament at Seattle, Wash., ending Aug. 19, 1912, William Johnston of San Francisco defeated Melville H. Long in the finals of the singles, 6-3, 6-4, 6-4. In the doubles Jonnston and E. Pottrell defeated Russell and Richardson, 6-2, 6-2, 6-3. Miss May Sutton won the women's singles championship from her sister, Florence, 6-1, 6-1.

NATIONAL CHAMPIONSHIPS.

The tournament to decide the national tennis championships of the United States took place on the Casino courts at Newport, R. I., Aug. 19-26, 1912. In the singles the final round was between Maurice E. McLoughlin of San Francisco and Wallace F. Johnson of Philadelphia, the former winning by the score of 3-6, 2-6, 6-3, 6-4, 6-2. W. A. Larned, holder of the title, defaulted on account of illness and McLoughlin became the national champion of 1912.

The preliminary matches for the national championship in doubles were played on the Onwentsia club courts at Lake Forest, Ill., July 30-31. On the first day Walter T. Hayes and J. H. Winston, the western champions, defeated William J. Clothier and George P. Gardner, the eastern champions, 6-4, 5-7, 8-10, 6-4, 6-4, and Maurice E. McLoughlin and Thomas C. Bundy, the Pacific coast champions, defeated Nat Thornton and C. Y. Smith, the southern champions, 6-2, 6-1, 6-1. On the second day McLoughlin and Bundy defeated Hayes and Wins-

ton, 6-0, 7-5, 6-3. In the challenge match at Newport Aug. 21 McLoughlin and Bundy defeated Raymond D. Little and Gustave F. Touchard, the title holders, 3-6, 6-2, 6-1, 7-5.

NATIONAL TENNIS CHAMPIONS.

1881—R. D. Sears.	1897—R. D. Wrenn.
1882—R. D. Sears.	1898—M. D. Whitman.
1883—R. D. Sears.	1899—M. D. Whitman.
1884—R. D. Sears.	1900—M. D. Whitman.
1885—R. D. Sears.	1901—W. A. Larned.
1886—R. D. Sears.	1902—W. A. Larned.
1887—H. W. Slocum.	1903—H. L. Doherty.
1888—H. W. Slocum.	1904—H. Ward.
1889—H. W. Slocum.	1905—B. C. Wright.
1890—O. S. Campbell.	1906—W. J. Clothier.
1891—O. S. Campbell.	1907—W. A. Larned.
1892—O. S. Campbell.	1908—W. A. Larned.
1893—R. D. Wrenn.	1909—W. A. Larned.
1894—R. D. Wrenn.	1910—W. A. Larned.
1895—F. H. Hovey.	1911—W. A. Larned.
1896—R. D. Wrenn.	1912—M. E. McLoughlin.

BISTATE AT LOUISVILLE.

In the bistate tennis tournament held on the grounds of the Louisville Country club July 8-13, 1912, the championship in singles was won by W. S. McElroy of Pittsburgh, who defeated Ricardo Palmer of New York in the challenge match, 6-4, 5-7, 4-6, 6-4, 6-4. In the men's doubles Richard Palmer and J. T. Armstrong of St. Paul won in the finals over T. W. Stephens and W. S. McElroy of Pittsburgh. In the women's singles Miss May Sutton of Los Angeles defeated Miss Mary Browne, also of Los Angeles, 6-2, 6-2. In the challenge round Miss Sutton defeated Miss Helen McLoughlin of Cincinnati, 6-1, 6-2. In the women's doubles Miss Sutton and Mrs. G. Touchard of New York defeated Miss Mary Browne of Los Angeles and Miss Mary S. Lyons of Louisville, 6-3, 6-8, 6-2.

TRISTATE AT CINCINNATI.

In the tristate tennis tournament held in Cincinnati, O., June 29-July 8, 1912, Gustave Touchard of New York defeated R. A. Holden, Jr., of Cincinnati in the finals of the singles, 6-4, 6-2, 5-7, 7-5. In the challenge round Touchard defeated Richard Palmer of New York, 6-2, 6-1, 7-5. In the women's singles Miss May Sutton of Los Angeles defeated Miss Mary Browne, also of Los Angeles, 6-1, 6-2. Miss Sutton defaulted the challenge match to Marjorie Dodd of Cincinnati. In the women's doubles Miss Browne and Miss Moyes defeated Miss Sutton and Mrs. Touchard, 6-3, 6-3.

MIDDLE STATES TOURNAMENT.

In the middle states tennis tournament held at Mountain Station, N. J., and ending July 7, 1912, W. F. Johnson of Philadelphia defeated W. M. Hall of New York in the challenge match, 10-12, 1-6, 7-5, 6-1, 6-3. In the mixed doubles Mrs. B. C. Edgar and Lidley Dundam defeated Mrs. R. B. Neff and Spencer Miller, Jr., 6-3, 3-6, 6-4. Mrs. C. N. Beard won the women's singles title by defeating Miss Polly Sheldon, 5-7, 6-4, 6-2. In the finals of the men's doubles H. H. Hackett and L. E. Mahan defeated Holcombe Ward and G. H. Miles, 6-1, 6-2, 6-1.

MISSOURI VALLEY TOURNAMENT.

In the Missouri valley tennis tournament held at Kansas City, Mo., ending Aug. 19, 1912, Jack Cannon of Kansas City won in the finals of the singles, defeating Herbert Jones of the same city, 6-1, 6-1, 6-2. In the doubles the winners were Jack Cannon and Heath Moore, who defeated Herbert Jones and John T. Bailey, 4-6, 6-4, 6-1.

SOUTHWESTERN INTERSTATE.

In the southwestern interstate tournament at St. Joseph, Mo., ending Aug. 31, 1912, Herbert S. Jones of Kansas City successfully defended his title as champion by defeating Poteet of Kansas City in the challenge round of the singles. Jones and Cannon retained the championship in doubles by defeating Poteet and Campbell.

CENTRAL STATES TOURNAMENT.

In the central states tennis tournament at St. Louis, Mo., ending July 15, 1912, Drummold Jones of St. Louis won the championship in singles by

defeating Roland Hoerr, also of St. Louis, in the finals, 6-3, 6-1, 8-6. In the doubles Jones and Hoerr were the victors, defeating Cannon and Hercules in the finals, 6-1, 6-4, 6-3.

MIDWEST TOURNAMENT.

In the midwest tennis tournament ending Aug. 26 at Omaha, Neb., Joe Armstrong of St. Paul, Minn., won in the singles by defeating W. J. Hayes, the title holder, 9-7, 6-0, 6-0. In the doubles Hayes and Ray Branson defeated Walter Crunden and Cub Potter, 2-6, 6-4, 6-3, 6-2.

DAVIS CHALLENGE CUP.

The Davis international tennis challenge cup was again won by Australia in 1911. The matches for the trophy were played at Christchurch, New Zealand, Jan. 1 and 2. In the singles Norman E. Brookes, Australian, defeated Beals Wright, American, 6-4, 2-6, 6-3, 6-3, and Tod Heath, Australian, defeated Maurice McLoughlin, American, 2-6, 6-1, 7-5, 6-2. In the doubles Brookes and Dunlop, the Australian team, defeated Wright and McLoughlin, 6-4, 5-7, 7-5, 6-4.

MEADOW CLUB CUP.

In the Meadow club cup tournament at Southampton, N. Y., ending Aug. 17, 1912, Nathaniel W. Niles of Massachusetts defeated W. E. Johnson of Pennsylvania in the singles, 7-5, 6-2, 4-6, 6-4. In the doubles M. E. McLoughlin and T. C. Bundy of California defeated E. J. Clotier and G. P. Gardner, Jr., the eastern champions, 6-4, 6-2, 6-4.

CHICAGO CHAMPIONSHIPS.

The second annual tennis tournament for the championship of Chicago was held on the grounds of the Kenwood Country club July 14-20, 1912. In the men's singles Walter T. Hayes was the winner, defeating Heath Byford, 2-6, 6-1, 8-6, 6-1. In the women's singles Miss May Sutton of California defeated Miss Carrie B. Neely, 7-5, 6-0, 6-4. In the men's doubles Burdick and Bailey defeated Squair and Green, 4-6, 6-4, 4-6, 6-4, 6-0.

METROPOLITAN CHAMPIONSHIPS.

The metropolitan lawn tennis championship titles in singles and doubles were decided June 22, 1912, on the turf courts of the West Side Tennis club, New York, N. Y. In the finals of the singles Raymond D. Little defeated Arthur S. Dabney, 6-4, 6-1, 6-3. In the doubles finals Hackett and Hall defeated Little and Touchard, 0-6, 2-6, 6-3, 7-5, 6-4.

STATE CHAMPIONSHIPS.

ILLINOIS.

The annual championship tennis tournament of Illinois was held on the courts of the Aztec club, Chicago, July 6-13, 1912. In the finals of the men's singles Walter T. Hayes defeated Albrecht Ludke, 1-6, 6-3, 6-1, 1-6, 6-1. In the men's doubles Ludke and Heath Byford defeated Burdick and Scheffler, 6-4, 6-2, 6-4. In the women's singles Miss Carrie B. Neely defeated Miss Miriam Steever, 6-4, 6-4. In the women's doubles Miss Neely and Mrs. Robert Williams won from Miss Edith Hoyt and Miss Miriam Steever, 8-6, 2-6, 6-3.

WISCONSIN.

In the Wisconsin state tennis tournament at Milwaukee Aug. 10-17, 1912, Alexander A. Squair of the University of Chicago retained his title of state champion by defeating Albert L. Green of the same institution in the challenge round by a score of 6-3, 6-1, 5-7, 5-7, 7-5. In the doubles the honors went to Johnston and Hamilton of Milwaukee, who defeated Squair and Stewart of Chicago, 7-5, 5-7, 6-3, 6-3.

NEW YORK.

M. E. McLoughlin and T. C. Bundy of California won the doubles in the New York state tennis championship tournament at New York, N. Y., Aug. 6-10, 1912, defeating Karl H. Behr and F. C. Inman, 6-4, 6-4, 2-6, 6-4. In the finals of the singles M. E. McLoughlin defeated R. N. Williams of Pennsylvania, 6-2, 6-2, 5-7, 4-6, 6-4.

CENTRAL NEW YORK.

The annual tournament of the Central New York Tennis association at Utica came to a close July

20, 1912, with the challenge match for the Frisbie cup. It was won by F. H. Harris of Boston, who defeated W. S. McElroy of Pittsburgh, 6-0, 6-3, 2-6, 6-2.

CENTRAL CALIFORNIA.

Maurice E. McLoughlin retained his title as champion by defeating Herbert Long in the central California tennis tournament at Stockton June 2 by the score of 6-1, 6-2. Miss Florence Sutton won in the women's singles.

MINNESOTA.

In the Minnesota state tennis tournament at Minneapolis ending Aug. 13, 1912, Adams and Armstrong won the championship in doubles by defeating Jayne and Stellwagen in the finals, 4-6, 8-10, 6-3, 6-4. In the finals of the singles J. H. Adams defeated Seldford Stellwagen, 6-4, 6-4, 6-4. In the challenge round Adams defeated the holder of the title, J. J. Armstrong, 5-7, 6-0, 6-1.

WESTERN INTERCOLLEGIATE.

In the western intercollegiate tennis championship tournament held in Chicago and ending June 1, 1912, Joseph Armstrong of the University of Minnesota won the championship in singles by defeating Alexander L. Squair of the University of Chicago, 6-3, 5-7, 6-2, 1-6, 10-8. In the doubles Armstrong and S. Stellwagen of the University of Minnesota defeated Squair and A. L. Green of the University of Chicago, 6-1, 6-7, 6-3, 6-3.

EASTERN INTERCOLLEGIATE.

In the eastern intercollegiate tennis championship tournament held on the grounds of the Merion Cricket club, Philadelphia, ending Sept. 9, 1912, G. M. Church of Princeton won the singles titles by defeating J. G. Nelson of Dartmouth, 6-4, 5-7, 5-7, 6-6, 6-1. In the doubles G. M. Church and J. H. Mace of Princeton won the championship by defeating E. H. Whitney and W. M. Washburn of Harvard in the finals, 8-10, 10-8, 6-2, 8-2.

WOMEN'S CHAMPIONSHIPS.

NATURAL.

The women's national tennis championship tournament of 1912 was held on the grounds of the Philadelphia Cricket club June 10-15. Miss Mary Browne of California, in the finals of the singles, defeated Miss Eleanora Sears of Boston, 6-4, 6-2. In the challenge round she took the championship title from Mrs. Hazel Hotchkiss Wightman, who defaulted. In the finals of the doubles Miss Browne and Miss Dorothy Green of Philadelphia defeated Mrs. Barger Wallach of New York and Mrs. Frederick Schmitz of Englewood, N. J., 6-3, 5-7, 6-0. In the final round of the mixed doubles Miss Green and R. N. Williams, Jr., of Philadelphia defeated Miss Sears and W. J. Clothier of Philadelphia, 4-6, 6-1, 11-9.

WISCONSIN.

Miss Katherine Waldo of Chicago won the women's tennis championship of Wisconsin in a tournament in Milwaukee ending July 29, 1912. In the finals of the singles she defeated Miss Mary Romadka, 6-1, 6-1, and in the challenge round she defeated the holder of the title, Miss Alice Hibbard, 4-6, 6-2, 7-5.

FLORIDA CHAMPIONSHIPS.

At Palm Beach, Fla., March 7 and 8, 1912, Miss Adelaide Chatfield Chatfield-Taylor of Chicago and Miss Alice Cunningham won the finals in the doubles of the women's championships of Florida, defeating Miss Constance Roberson and Mrs. Frederick Gallatin, Jr., of New York, 6-4, 6-4. In the finals of the singles Miss Cunningham defeated Miss Chatfield-Taylor, 6-4, 6-3.

CLAY COURT CHAMPIONSHIPS.

The clay court tennis tournament for the championship of the United States took place at Pittsburgh, Pa., ending July 1. R. Norris Williams of Philadelphia was the winner in the singles, defeating Walter T. Hayes of Chicago, holder of the title, 6-4, 6-1, 8-6. Miss May Sutton won the women's championship by defeating Miss Mary Browne, 6-4, 6-2. In the mixed doubles Miss May Sutton and Frank H. Harris were the winners, defeating Miss Mary Browne and R. M. Williams, 6-3, 2-6, 6-2.

COURT TENNIS.

Jay Gould, national amateur court tennis champion, successfully defended his title at the New York Tennis and Racquet club, New York, N. Y., April 13, 1912, defeating Joshua Crane of Boston three games straight, 6-3, 6-1, 6-0. It was the seventh time in succession that Mr. Gould won the title.

SQUASH TENNIS CHAMPIONSHIP.

Dr. Alfred Stillman, Jr., again won the national squash championship by defeating John W. Prentiss at the annual tournament in New York, N. Y., March 9, 1912, by a score of 15-8, 15-10 and 15-9. The championship record:
1911—Dr. Alfred Stillman, Jr.
1912—Dr. Alfred Stillman, Jr.

INDOOR TENNIS.

In a match for the national doubles championship in indoor tennis at New York, Feb. 16, 1912, S. B. Alexander and T. R. Fell defeated Wyle C. Grant and L. M. Burt, 9-7, 6-4, 6-0.

TENNIS OFFICIALS.

Western Lawn Tennis Association—President, Everts Wrenn, Chicago; secretary and treasurer, L. H. Waldner, 1651, 175 West Jackson boulevard, Chicago; directors, E. M. Ashcraft, Jr.; Jewett E. Ricker, Jr.; John C. Neely, Jr.; Victor Elting. United States Lawn Tennis Association—President, Robert D. Wrenn, New York, N. Y.; vice-president, Henry W. Slocum, New York, N. Y.; secretary, A. L. Hoskins, Belmont Cricket club, Walnut and 5th streets, Philadelphia, Pa.; treasurer, Richard Stevens, 1 Newark street, Hoboken, N. J.

YACHTING.

THE LIPTON CUP.

The eleventh contest for the silver cup donated by Sir Thomas Lipton to the Columbia Yacht club of Chicago, to be competed for annually by 21 foot cabin class yachts, took place Aug. 15, 16 and 17, 1912, on Lake Michigan at Chicago. The first race was over a triangular course of six miles twice around; the second over a windward and leeward course of twelve miles, and the fourth over a quadrangular course of twelve miles. Summary:

FIRST RACE.

Yacht.	Start.	Finish.	Elapsed time.	Pct.
Susan II.....	2:30	4:49:47	2:34:47	100.0
Chevron.....	2:30	4:52:00	2:36:00	88.9
Jackson Park.....	2:30	4:52:55	2:36:55	77.8
Cherry.....	2:30	4:57:54	2:42:54	66.7
Spray.....	2:30	4:59:27	2:44:27	55.6
New Illinois.....	2:30	4:59:40	2:44:40	44.4
Columbia.....	2:30	5:08:38	2:45:38	33.3
Ste. Claire.....	2:30	5:01:30	2:46:00	22.2
Bug.....	2:30	Did not finish.		

SECOND RACE.

Susan II.....	2:30	4:55:37	2:25:37	200.0
Spray.....	2:30	4:58:23	2:28:23	144.5
Jackson Park.....	2:30	4:59:53	2:29:53	155.6
Chevron.....	2:30	5:02:00	2:32:00	155.6
Cherry.....	2:30	5:11:03	2:40:57	122.3
Columbia.....	2:30	5:11:26	2:41:20	77.7
Ste. Claire.....	2:30	5:13:45	2:43:59	55.5
New Illinois.....	2:30	Disabled.		

THIRD RACE.

Spray.....	2:30	4:46:14	2:16:14	244.5
Susan II.....	2:30	4:50:50	2:20:50	288.9
Cherry.....	2:30	4:50:55	2:20:55	200.1
Jackson Park.....	2:30	4:57:05	2:27:05	222.3
Chevron.....	2:30	4:57:25	2:27:25	211.2
Ste. Claire.....	2:30	4:59:09	2:29:09	96.9
Columbia.....	2:30	4:59:55	2:29:55	111.0
New Illinois.....	2:30	Did not start.		55.5

RECORD OF WINNERS.

1902—La Rita, Chicago.	1908—Chicago, Chicago.
1903—La Rita, Chicago.	1909—Spray, Chicago.
1904—Ste. Claire, Detroit.	1910—Spray, Chicago.
1905—Ste. Claire, Detroit.	1911—Columbia, Chicago.
1906—Cherry Circle, Chicago	1912—Susan II., Chicago.
1907—Cherry Circle, Chicago	

GREAT LAKES CHAMPIONSHIP.

The Patricia of the Royal Canadian Yacht club of Toronto, Ont., and the Michicago of the Chicago Yacht club contended for the O. S. Richardson International cup and the championship of the great lakes on Lake Michigan, off Chicago, Aug. 10, 12, 13 and 14, 1912. The Michicago won the first race of the series and then the Patricia took three in succession, making the sailing of a fifth race unnecessary. The first and third races were over a ten and one-half mile equilateral triangle covered twice, making the distance twenty-one miles; the second and fourth races were to windward and leeward, sailed twice over, with four and a half miles to the leg, making the total distance eighteen miles. Summary:

FIRST RACE.

	Start.	Finish.	Elapsed time.
Michicago.....	11:15	2:02:20	2:47:20
Patricia.....	11:15	2:02:42	2:47:42

SECOND RACE.

Patricia.....	11:00	2:24:20	3:24:20
Michicago.....	11:00	2:25:54	3:25:54

THIRD RACE.

Patricia.....	11:15	2:48:10	3:33:10
Michicago.....	11:15	2:48:19	3:33:19

FOURTH RACE.

Patricia.....	11:15	3:29:52	4:14:52
Michicago.....	11:15	3:38:27	4:23:27

SIR JOHN NUTTING CUP.

The sixth contest for the Sir John Nutting cup took place on Lake Michigan, off Chicago, Aug. 1-3, 1912. The competing yachts were of the twenty-one foot raceabout class, having a sail area of not more than 600 square yards, a weight of not less than 5,900 pounds and a crew of from three to five men. The invader of the Chicago Yacht club won all the three races sailed, though handicapped by being placed on scratch. The course was a twelve mile triangular one. Summary:

FIRST RACE (START 2:30 P. M.)

Invader.	Finish.	Elapsed time.	Corrected time.
Invader, Chicago Y. C.....	4:28:34	1:58:34	1:58:34
Raven III., Macatawa.....	4:34:35	2:04:35	2:04:16
Aloha, Chicago Y. C.....	4:37:53	2:07:52	2:04:54
Vandal, Columbia Y. C.....	4:37:54	2:07:54	2:06:47

SECOND RACE (START 2:30 P. M.)

Invader, Chicago Y. C.....	4:45:12	2:15:12	2:15:12
Raven III., Macatawa.....	4:55:18	2:25:18	2:24:59
Vandal, Columbia Y. C.....	4:56:12	2:26:12	2:25:05
Aloha, Chicago Y. C.....	Disabled.		

THIRD RACE (START 3:00 P. M.)

Invader, Chicago Y. C.....	4:58:35	1:58:35	1:58:35
Raven III., Macatawa.....	5:10:30	2:10:30	2:10:11
Vandal, Columbia Y. C.....	Disabled.		

RECORD OF WINNERS.

1906—Pegudol.	1910—Invader.
1907—Pegudol.	1911—Invader.
1908—No race.	1912—Invader.
1909—Sand Dal.	

THE LIPTON TROPHY.

The third race for the special trophy donated by Sir Thomas Lipton was sailed over a triangular course of fifteen miles on Lake Michigan at Chicago Sept. 21, 1912. Fred A. Price's sloop Michicago was the winner, covering the course in 2:45:05, corrected time. Record of event:

Winner.	Time.	Winner.	Time.
1910—Valmore.....	3:24:10	1912—Michicago.....	2:45:05
1911—Valmore.....	2:35:28		

THE AMERICA'S CUP.

RECORD OF RACES TO DATE.

1851—Aug. 22. In this the year of the great exhibition in London the Royal Yacht Club of England offered a cup to the winner of a yacht race around the Isle of Wight. The course was 60 miles in length and was won by the schooner yacht America, designed by George Steers for John C. Stevens of the New York Yacht club. The America was 94 feet over all, 88 feet on the water line, 22½ feet beam and 11½ feet draft. There was no time allowance and the compet-

ing yachts ranged in size from a three-masted 392-ton schooner, the *Brilliant*, to the 47-ton cutter, the *Aurora*, which came in second in the race. The time of the *Aurora* was 10 hours and 24 minutes; that of the *Aurora* was 24 minutes slower. The cup after that became known as the *America's cup* and has now been successfully defended for fifty-eight years.

1870—Aug. 8, New York Yacht club course: *Magic*, 3:58:21; *Cambria*, 4:37:38.

1871—Oct. 16, New York Yacht club course: *Columbia*, 6:19:41; *Livonia*, 6:46:46. Oct. 18, 20 miles to windward off Sandy Hook and return: *Columbia*, 3:07:43; *Livonia*, 3:13:15. *Columbia* disabled in third race Oct. 19. Oct. 21, 20 miles to windward off Sandy Hook and return: *Sappho*, 5:39:02; *Livonia*, 6:09:23. Oct. 23, New York Yacht club course: *Sappho*, 4:16:17; *Livonia*, 5:11:55.

1876—Aug. 11, New York Yacht club course: *Madeleine*, 5:23:54; *Countess of Dufferin*, 5:34:53. Aug. 12, 20 miles to windward off Sandy Hook and return: *Madeleine*, 7:18:46; *Countess of Dufferin*, 7:46:00.

1881—Nov. 9, New York Yacht club course: *Mischief*, 4:17:00; *Atlanta*, 4:45:39. Nov. 10, 16 miles to leeward off Sandy Hook and return: *Mischief*, 4:54:53; *Atlanta*, 5:33:47.

1885—Sept. 14, New York Yacht club course: *Puritan*, 6:06:05; *Genesta*, 6:22:24. Sept. 16, 20 miles to leeward off Sandy Hook light and return: *Puritan*, 5:03:14; *Genesta*, 5:04:52.

1886—Sept. 9, New York Yacht club course: *Mayflower*, 5:26:41; *Galatea*, 5:38:43. Sept. 11, 20 miles to leeward off Sandy Hook light and return: *Mayflower*, 6:49:10; *Galatea*, 7:18:09.

1887—Sept. 27, New York Yacht club course: *Volunteer*, 4:53:13; *Thistle*, 5:12:43. Sept. 30, 20 miles to windward off Scotland light and return: *Volunteer*, 5:42:56; *Thistle*, 5:54:45.

1893—Oct. 7, 15 miles to windward off Sandy Hook light and return: *Vigilant*, 4:05:47; *Valkyrie*, 4:11:35. Oct. 9, triangular 30-mile course, first leg to windward: *Vigilant*, 3:25:01; *Valkyrie*, 3:35:36. Oct. 13, 15 miles to windward off Sandy Hook light and return: *Vigilant*, 3:24:39; *Valkyrie*, 3:25:19.

1895—Sept. 7, 15 miles to windward and return, east by south off Point Seabright, N. J.; *Defender*, 4:57:55; *Valkyrie III*, 5:08:44. Sept. 11, triangular course, 10 miles in each leg: *Valkyrie*, 3:55:09; *Defender*, 3:55:56; won by *Defender* on a foul. Sept. 13, *Defender* sailed over course and claimed cup and race; claim allowed.

1899—Oct. 16, 15 miles to windward and return, off Sandy Hook: *Columbia*, 4:53:53; *Shamrock*, 5:04:07. Oct. 17, triangular course, 10 miles to a leg: *Columbia*, 3:37:00; *Shamrock* snapped its topmast. Oct. 20, 15 miles to leeward and return: *Columbia*, 3:38:09; *Shamrock*, 3:43:26.

1901—Sept. 23, 15 miles to windward and return, off Sandy Hook: *Columbia*, 4:30:24; *Shamrock II*, 4:31:44. Oct. 3, triangular course: *Columbia*, 3:12:35; *Shamrock II*, 3:16:10. Oct. 4, 15 miles to leeward and return: *Columbia*, 4:32:57; *Shamrock II*, 4:33:38.

1903—Aug. 22, 15 miles to leeward and return, off Sandy Hook: *Reliance*, 3:31:17; *Shamrock III*, 3:41:17. Aug. 25, triangular course, 10 miles to a leg: *Reliance*, 3:14:54; *Shamrock III*, 3:18:10. Sept. 3, 15 miles to windward and return: *Reliance*, 4:28:04; *Shamrock III*, did not finish.

THE EMPEROR'S CUP.

The first international ocean yacht race for a cup offered by the emperor of Germany was sailed in 1905. The course was from Sandy Hook, N. J., to the Lizard, England, a distance of approximately 2,000 miles. The *Atlantic*, which was sailed by Capt. Charles Barr, won the race, arriving at the Lizard at 9:16 p. m., May 29, and beating the best previous record, made by the *Endymion*, by one day and sixteen and one-half hours. The actual elapsed time was twelve days and four hours, and the best day's run was 341 miles. The *Hamburg* came in second May 30 and the *Valhalla* third May 31.

RACE TO HARBOR SPRINGS, MICH.

The Chicago Yacht club's ninth annual long distance race was sailed July 13-15, 1912, the goal be-

ing Harbor Springs, Mich., 305 miles from Chicago, instead of Mackinac island as in former years. The contest began in a calm and ended in a gale which compelled most of the seven sloops and two yawls which started to take shelter. James O. Heyworth's *Polaris* was the winner, arriving at Harbor Springs just before midnight July 15. Its time was 53 hours 15 minutes. Roy Barcal's sloop *Illinois* was second, arriving at the goal at 3:20 p. m. July 16. It took 69 hours to make the trip. Winners of the event to date:

1904—Vencedor.	1909—Valmore.
1905—Mistral.	1910—Valmore.
1906—Vanadis.	1911—Mavourneen.
1907—Vencedor.	1912—Polaris.
1908—Valmore.	

The best record to Mackinac Island, 28:21:51 for the 331 miles, was made by the *Mavourneen* in 1911.

HERBST TROPHY RACE.

Mavourneen, 1911 winner of the Herbst trophy, offered by S. C. Herbst of Milwaukee to the winner of an annual cruise from Chicago to Milwaukee, was again the winner in 1912, with an elapsed time of 20:54:46. The yachts taking part were those starting for Harbor Springs, Mich., July 13 and passing Milwaukee July 14.

FELKER CHALLENGE CUP.

The twenty-seventh annual race for the Felker challenge cup took place on Lake Winnebago at Oshkosh, Wis., Aug. 17, 1912, and was once more won by Kathryn II. of the *Butte Des Morts* Yacht club. Summary:

Yacht.	Start.	Finish.
Kathryn II.	2:30:15	5:39:14
Menasha	2:40:08	5:40:22
Gretchen II.	2:30:43	5:49:57
Troubadour II.	2:30:10	5:52:37
Glydwr II.	2:30:25	5:54:56
Geneva	2:30:24	6:00:09
Manion Jean.	2:30:18	6:01:34
Thelma	2:30:38	6:09:07

INLAND LAKES REGATTA.

In the Inland Lakes Yachting association regatta, held on Lake Winnebago at Oshkosh, Wis., Aug. 19-23, 1912, the championship in class A was won by Kathryn II. of the *Butte Des Morts* Yacht club, Oshkosh. Shillalah of the Lake Geneva Country club was the winner in class C. *Cubanola* of the White Bear club won in class B. The Valentine cup was won by Kathryn II. and the O. L. Schmidt cup by Marlon Jean of Minnetonka.

MICHIGAN CITY RACE.

Distance, 32.1 nautical miles.

The *Columbia* Yacht club's annual race from Chicago to Michigan City was sailed June 15, 1912. The time prize was won for the third time by the *Invader*, a 21 foot raceabout, in 3:27:33 corrected time. Its elapsed time was 4:41:43. The *Polaris*, a 55 foot sloop, starting from scratch, was second in 3:28:15. The class winners with time of each follow:

20 foot sloops—	<i>Bandit</i> , Jackson, 3:35:42.
25 foot sloops—	<i>Wenonah II</i> , Jackson, 3:29:36.
30 foot (B) sloops—	<i>Thetis</i> , Jackson, 4:08:58.
30 foot (A) sloops—	<i>Chloris</i> , Jackson, 3:30:56.
21 foot raceabouts—	<i>Invader</i> , <i>Columbia</i> , 3:27:33.
21 foot (cabin) sloops—	<i>Susan II</i> , Jackson, 3:30:02.
35 foot sloops—	<i>Illinois</i> , Chicago, 5:30:41.
55 foot sloops—	<i>Polaris</i> , Chicago, 3:28:15.
Medium yawls—	<i>Kayoshk</i> , <i>Columbia</i> , 4:31:10.

MANHASSETT BAY CUP.

The yacht *Michigaco* won the Manhasset bay challenge cup in a series of races off Greenwich, Conn., June 24-26, 1912. The *Michigaco*, sailing under the colors of the Chicago Yacht club, took first place in the first race, second place in the next and fourth in the last, giving it eleven points or enough to win the contest.

NORTHWESTERN REGATTA.

The annual regatta of the Northwestern Yachting association took place on Delavan lake, Wisconsin, Aug. 6-10, 1912. The Marlon Jean of the Lake Minnetonka Yacht club won the championship in class A, winning three cups in all. *Handy Andy IV*, of

the Oconomowoc Lake Yacht club was second. In class B the Invader of the Geneva Yacht club won the championship cup, with Modern Eve of Oconomowoc in second place. Cygnets of Lake Minnetonka won the championship cup in class C.

Delavan lake was awarded the regatta again for 1913 by the executive committee of the association.

INDEPENDENCE DAY REGATTA.

J. O. Heyworth's yawl Polaris won the race for large sloops and yawls in the open Independence day regatta July 3, 1912, under the auspices of the Chicago Yacht club, covering the ten mile course in 1:14:48. The Illinois was the winner in the 35 foot class in 1:16:57; the Columbia in the 21 foot cabin class in 1:40:45; La Rita in the 30 foot A sloops in 1:47:23; the Gloria in the 30 foot B sloops in 1:53:50; the Aloha in the 18 foot sloops in 1:42:37 and the Invader in the 21 foot raceabouts in 1:41:12.

LOS ANGELES-HONOLULU RACE.

The fourth biennial ocean race from Los Angeles harbor to Honolulu was won by the schooner yacht Lurline of the San Diego Yacht club in 1912. It arrived at the goal June 30, having made the run of about 2,600 miles in 13 days 23 hours 16 minutes.

THE PURITAN CUP.

The Puritan cup was won July 2, 1912, by the sloop Avenger in the annual regatta of the Eastern Yacht club off Marblehead, Mass. In the schooner class the Elena defeated the Irolita.

CHICAGO TO GARY.

The Chicago Yacht club's first annual race from Chicago to Gary, Ind., twenty miles, took place June 30, 1912, and was won by Dr. W. L. Baum's schooner Amorita in 4:32:58 corrected time. The Polaris was second in 4:43:10.

CHICAGO TO MICHIGAN CITY, ST. JOSEPH AND RETURN.

Fred A. Price's sloop Michigan won the annual triangular yacht race from Chicago to Michigan City, St. Joseph and return Aug. 31-Sept. 2, 1912. Mayvornee was second in the contest.

NEW YORK YACHT CLUB SERIES.

Winners of some of the more important events on the programme of the New York Yacht club in 1912 were:

Astor Gold cup—Won by Morton F. Plant's schooner Elena over a 42 mile course off Newport, R. I., Aug. 13.

Astor cup for sloops—Won by George M. Pinchon's Istalena over 42 mile course off Newport, R. I., Aug. 14.

King George V. cup—Won by E. T. Hall's Winsome over a 34½ mile course off Newport, R. I., Aug. 15.

ROWING.

INTERUNIVERSITY RACES.

UNIVERSITY EIGHT-OARED.

In 1898 the race took place on Saratoga lake over a three-mile course; the other contests were on the four-mile course at Poughkeepsie, N. Y.

June 26, 1896—(1) Cornell, 19:59; (2) Harvard, 20:08; (3) Pennsylvania, 20:18; (4) Columbia, 21:25.

June 25, 1897—(1) Cornell, 20:34; (2) Yale, 20:44; (3) Harvard, 21:00.

July 2, 1897—(1) Cornell, 20:47%; (2) Columbia, 21:20%; (3) Pennsylvania, swamped.

July 2, 1898—(1) Pennsylvania, 15:51½; (2) Cornell, 15:06; (3) Wisconsin, 16:10; (4) Columbia, 16:21.

June 27, 1899—(1) Pennsylvania, 20:04; (2) Wisconsin, 20:05½; (3) Cornell, 20:13; (4) Columbia, 20:29.

June 30, 1900—(1) Pennsylvania, 19:44%; (2) Wisconsin, 19:46%; (3) Cornell, 20:04%; (4) Columbia, 20:08%; (5) Georgetown, 20:19%.

July 2, 1901—(1) Cornell, 18:53½; (2) Columbia, 18:58; (3) Wisconsin, 19:06%; (4) Georgetown, 19:21; (5) Syracuse, distanced; (6) Pennsylvania, distanced.

June 21, 1902—(1) Cornell, 19:05%; (2) Wisconsin, 19:13%; (3) Columbia, 19:18%; (4) Pennsylvania, 19:26; (5) Syracuse, 19:31%; (6) Georgetown, 19:32.

June 26, 1903—(1) Cornell, 18:57; (2) Georgetown, 19:27; (3) Wisconsin, 19:29%; (4) Pennsylvania, 19:30%; (5) Syracuse, 19:36%; (6) Columbia, 19:54.

June 28, 1904—(1) Syracuse, 20:22%; (2) Cornell, 20:31%; (3) Pennsylvania, 20:34%; (4) Columbia, 20:45%; (5) Georgetown, 20:52%; (6) Wisconsin, 21:01%.

June 28, 1905—(1) Cornell, 20:29%; (2) Syracuse, 21:47%; (3) Georgetown, 21:49; (4) Columbia, 21:53%; (5) Pennsylvania, 21:59%; (6) Wisconsin, 22:06%.

June 23, 1906—(1) Cornell, 19:36%; (2) Pennsylvania, 19:43%; (3) Syracuse, 19:45%; (4) Wisconsin, 20:13%; (5) Columbia, 20:18%; (6) Georgetown, 20:35%.

June 26, 1907—(1) Cornell, 20:02%; (2) Columbia, 20:04; (3) Navy, 20:13%; (4) Pennsylvania, 20:33%; (5) Wisconsin (no time); (6) Georgetown (no time); (7) Syracuse (shell sunk).

June 27, 1908—(1) Syracuse, 19:34%; (2) Columbia, 19:35%; (3) Cornell, 19:39; (4) Pennsylvania, 19:52%; (5) Wisconsin, 20:00%.

July 2, 1909—(1) Cornell, 19:02; (2) Columbia, 19:04%; (3) Syracuse, 19:15%; (4) Wisconsin, 19:24%; (5) Pennsylvania, 19:32%.

June 26, 1910—(1) Cornell, 20:42%; (2) Pennsylvania, 20:44%; (3) Columbia, 20:54%; (4) Syracuse, 21:13; (5) Wisconsin, 21:15%.

June 27, 1911—(1) Cornell, 20:10%; (2) Columbia, 20:16%; (3) Pennsylvania, 20:33; (4) Wisconsin, 20:34; (5) Syracuse, 21:03%.

June 29, 1912—(1) Cornell, 19:21%; (2) Wisconsin, 19:25; (3) Columbia, 19:41%; (4) Syracuse, 19:47; (5) Pennsylvania, 19:55; (6) Stanford, 20:25.

FOUR-OARED RACES.

Poughkeepsie course, two miles.

July 2, 1901—(1) Cornell, 11:39%; (2) Pennsylvania, 11:45%; (3) Columbia, 11:51%.

June 26, 1902—(1) Cornell, 10:43%; (2) Pennsylvania, 10:54%; (3) Columbia, 11:08.

June 26, 1903—(1) Cornell, 10:34; (2) Pennsylvania, 10:35%; (3) Wisconsin, 10:55%; (4) Columbia, 11:14.

June 28, 1904—(1) Cornell, 10:53%; (2) Columbia, 11:12%; (3) Pennsylvania, 11:15%; (4) Wisconsin, 11:18%; (5) Georgetown, 11:34%.

June 28, 1905—(1) Syracuse, 10:15%; (2) Cornell, 10:17%; (3) Pennsylvania, 10:33%; (4) Columbia, 10:45; (5) Wisconsin, 10:52.

June 28, 1906—(1) Cornell, 10:34; (2) Syracuse, 10:48%; (3) Columbia, 10:55%; (4) Pennsylvania, 11:06%.

June 26, 1907—(1) Syracuse, 10:37%; (2) Cornell, 10:40; (3) Pennsylvania, 10:49; (4) Columbia, 10:59%.

June 27, 1908—(1) Syracuse, 10:52%; (2) Columbia, 11:06%; (3) Pennsylvania (disqualified for foul), 10:57%.

July 2, 1909—(1) Cornell, 10:01; (2) Syracuse, 10:10; (3) Columbia, 10:12; (4) Pennsylvania, 10:27.

June 26, 1910—(1) Cornell, 11:37%; (2) Syracuse, 11:43%; (3) Columbia, 11:48%; (4) Pennsylvania, 12:22.

June 27, 1910—(1) Cornell, 12; (2) Syracuse; (3) Columbia; (4) Pennsylvania. No official time taken.

June 29, 1912—(1) Cornell, 10:34%; (2) Columbia, 10:41%; (3) Syracuse, 10:58%; (4) Pennsylvania, 11:23%.

UNIVERSITY FRESHMAN EIGHTS.

Poughkeepsie course, two miles.

June 20, 1900—(1) Wisconsin, 9:45%; (2) Pennsylvania, 9:54%; (3) Cornell, 9:55%; (4) Columbia, 10:08.

July 2, 1901—(1) Pennsylvania, 10:20%; (2) Cornell, 10:23; (3) Columbia, 10:36%; (4) Syracuse, 10:44.

June 21, 1902—(1) Cornell, 9:34%; (2) Wisconsin, 9:42%; (3) Columbia, 9:49; (4) Syracuse, 9:53; (5) Pennsylvania, 10:05.

June 26, 1903—(1) Cornell, 9:18; (2) Syracuse, 9:22%; (3) Wisconsin, 9:32; (4) Columbia, 9:41; (5) Pennsylvania, 9:45.

June 28, 1904—(1) Syracuse, 10:01; (2) Cornell, 10:12%; (3) Pennsylvania, 10:18%; (4) Columbia, 10:28%.

June 28, 1905—(1) Cornell, 9:35%; (2) Syracuse, 9:49; (3) Columbia, 9:53; (4) Pennsylvania, 9:58%.

June 23, 1906—(1) Syracuse, 9:51%; (2) Cornell, 9:55; (3) Wisconsin, 9:55%; (4) Columbia, 10:07%; (5) Pennsylvania, 10:13%.

June 26, 1907—(1) Wisconsin, 9:58; (2) Syracuse, 10:03; (3) Pennsylvania, 10:04; (4) Columbia, 10:05%; (5) Cornell, 10:07%.

June 27, 1908—(1) Cornell, 9:29%; (2) Syracuse,

9:38%; (3) Columbia, 9:43; (4) Wisconsin, 9:55%;
 (5) Pennsylvania, 10:42.
 July 2, 1909—(1) Cornell, 9:07%; (2) Syracuse, 9:14%;
 (3) Pennsylvania, 9:21; (4) Wisconsin, 9:22%; (5)
 Columbia, 9:28.
 June 26, 1910—(1) Cornell, 10:40%; (2) Columbia,
 10:53%; (3) Syracuse, 10:53%; (4) Pennsylvania,
 11:09%; (5) Wisconsin, 11:15%.
 June 27, 1911—(1) Columbia, 10:13%; (2) Cornell;
 10:20%; (3) Syracuse, 10:23%; (4) Pennsylvania,
 10:24%; (5) Wisconsin, 10:38.
 June 29, 1912—(1) Cornell, 9:31%; (2) Wisconsin, 9:35%;
 (3) Syracuse, 9:42%; (4) Pennsylvania, 9:46%; (5)
 Columbia, 9:47.

HARVARD-YALE RACES.

UNIVERSITY EIGHTS.

Year.	Winner.	Time.	Loser's time.
1876	Yale	22:02	22:32
1877	Harvard	24:36	24:44
1878	Harvard	20:44½	21:29
1879	Harvard	22:15	23:58
1880	Yale	24:27	25:09
1881	Yale	22:13	22:19
1882	Harvard	20:47	20:50½
1883	Harvard	24:26	25:59
1884	Yale	20:31	20:46
1885	Harvard	25:15½	26:30
1886	Yale	20:41½	21:05½
1887	Yale	22:56	23:14½
1888	Yale	20:10	21:24
1889	Yale	21:30	21:55
1890	Yale	21:29	21:40
1891	Harvard	21:23	21:57
1892	Yale	20:48	21:40
1893	Yale	25:01½	25:15
1894	Yale	22:47	24:40
1895	Yale	21:30	25:15
1899	Harvard	20:52½	21:13
1900	Yale	21:12½	21:37½
1901	Yale	23:37	23:45
1902	Yale	20:20	20:33
1903	Yale	20:19½	20:29½
1904	Yale	21:40½	22:10
1905	Yale	22:53½	22:36
1906	Harvard	21:10	22:11
1907	Harvard	24:10	21:13
1908	Harvard	21:50	22:10
1910	Harvard	20:46½	21:04
1911	Harvard	22:44	23:40
1912	Harvard	21:43½	22:04

*Time not taken. Yale stroke oar collapsed at end of 2½ miles.

Of the above races the first two were rowed on the Springfield (Mass.) course and the remainder on the New London course, which is four miles straightaway. There were no dual races in 1896, 1897 and 1898. The Harvard-Yale freshmen and four oared races are rowed at the same time and place as the eight oared races.

HARVARD-YALE FRESHMAN EIGHTS.

Two miles.

Year.	Winner.	Time.	Loser's time.
1901	Yale	10:37½	10:58
1902	Dead heat	10:13	10:13
1903	Yale	9:42½	9:48¾
1904	Yale	10:20	10:20½
1905	Harvard	9:59	10:04
1906	Yale	10:39½	10:41
1907	Harvard	11:15	11:19
1908	Harvard	9:38½	9:47½
1909	Harvard	1:32	12:09
1910	Harvard	11:54½	12:02
1911	Yale	11:53	11:59½
1912	Harvard	10:52	10:54½

HARVARD-YALE FOUR-OARED RACE.

Year.	Winner.	Time.	Loser's time.
1901	Harvard	11:49½	12:02½
1902	Harvard	11:19½	11:25½
1903	Yale	10:59½	11:10½
1904	Harvard	12:12	12:15
1905	Harvard	11:22	11:27
1906	Yale	12:15	12:21
1907	Yale	12:33	13:15
1908	Yale	10:33½	10:43
1909	Harvard	13:14	13:23
1910	Harvard	13:02½	13:18
1911	Harvard	13:37½	13:52
1912	Harvard	11:24	11:55

HARVARD-YALE SECOND FOURS.

The Harvard second four-oar crew defeated the Yale second four-oar crew in a race over a mile course on the Thames river at New London, Conn., June 15. Winners' time, 5:22; losers' time, 5:36. June 25, the Yale substitute freshmen four defeated the Harvard freshmen substitute four. Harvard graduates defeated Yale graduates in an eight-oared race by two lengths.

CORNELL-HARVARD-PRINCETON.

The university and freshmen crews of Cornell, Harvard and Princeton met on the Charles river course of 1½ miles at Boston, May 23. In the varsity race Cornell was the winner by three lengths over Harvard, which led Princeton by 10 feet. Time: Cornell, 9:26½; Harvard, 9:35; Princeton, 9:36. In the freshmen race Cornell won by a full length over Harvard. Time: Cornell, 9:59; Harvard, 10:03.

PACIFIC INTERCOLLEGIATE.

Leland Stanford, Jr., university won the intercollegiate rowing championship of the Pacific coast at Oakland, Cal., April 13, 1912, covering the course of 3 miles in 16:10. University of Washington eight was second and the University of California third. Only half a length separated Stanford and Washington.

NAVY VS. PENNSYLVANIA.

The United States Naval academy eight defeated the University of Pennsylvania crew in a race over the 2 mile outer course on the Severn river at Annapolis, Md., May 4, 1912. The middies won by more than five lengths in 10:22.

SYRACUSE VS. NAVY.

Syracuse university defeated the Naval academy crew at Annapolis, Md., May 18, 1912, by three-quarters of a length. The time of the winning crew was 10:16½.

NATIONAL ROWING REGATTA.

The fortieth annual regatta of the National Association of Amateur Oarsmen was held on Peoria lake at Peoria, Ill., Aug. 9-10, 1912. Winners and time:

Senior single sculls, 1¼ miles—A. F. Culver, Winnipeg Rowing club; 7:26.
 Senior International four oared shells, 1¼ miles—Winnipeg Rowing club; 6:33.
 Intermediate double sculls, 1¼ miles—Punshen and Phinney, Winnipeg Rowing club; 7:03½.
 Intermediate eight oared shells, 1¼ miles—Duluth Boat club; 6:16 (world's record).
 Six oared barge, ¼ mile—Southwestern association; no time taken.
 Intermediate four oared shell, 1¼ miles—Grand Rapids Boat and Canoe club; 7:04.
 Intermediate single sculls, 1¼ miles—R. H. Phinney, Winnipeg Rowing club; 7:42½.
 Senior eight oared shells, 1¼ miles—Winnipeg Rowing club; 6:37½.
 Senior double sculls—Winnipeg Rowing club; 7:57.
 Senior single shells, ¼ mile—E. B. Butler, Argonaut Rowing club, Toronto, Ont.; 1:35.
 Senior four oared shells, 1¼ miles—Winnipeg Rowing club; 7:22.
 Senior quadruplet sculls, 1¼ miles—New York Athletic club; 8:37½.
 Championship senior sculls, 1¼ miles—E. B. Butler, Argonaut Rowing club, Toronto, Ont.; 8:22½.
 Consolation eight oared shells, 1¼ miles—St. Louis Rowing club; 6:55.

AMERICAN ROWING REGATTA.

The tenth annual regatta of the American Rowing association took place May 25, 1912, over the Henley distance, 1 mile 550 yards, on the Schuylkill river, Philadelphia, Pa. Winners and time in principal events:

Special Interclub second eight oared shells—Won by University Barge club of Philadelphia. Time, 6:51½.
 Second single sculls—Won by George Allison, West Philadelphia Boat club. Time, 8:13½.
 First eight oared shells, stewards' cup—Won by Columbia university. Time, 6:36½.
 First double sculls, Schuylkill cup—Won by Philadelphia Barge club. Time, 8:05.

First single sculls, Farragut cup—Won by Walter Stokes of Philadelphia. Time, 8:34½.
 Interscholastic eight oared shells, Franklin cup—Won by Central high school, Philadelphia. Time, 7:02.
 Junior collegiate eight oared shells, New England cup—Won by Harvard. Time, 6:46½.
 First four oared shells, Puritan cup—Won by University Barge club. Time, 7:40.
 First four oared sculls—Won by Union Boat club, Boston. Time, 7:15.

CENTRAL STATES REGATTA.

The sixth annual regatta of the Central States Amateur Rowing association took place on Peoria lake at Peoria, Ill., Aug. 5-6, 1912. Summary of principal events:

Junior six oared barges, ¾ mile—Won by St. Louis Rowing club No. 1; 4:07½.
 Junior single scull shells, ¾ mile and return—Won by Kortlander of Grand Rapids Boat and Canoe club; 10:13½.
 Junior pair oared shells, 1¼ miles—Won by Kaufman and Nicolay, Western Rowing club, St. Louis; 10:32½.
 Junior double scull shells, 1¼ miles—Won by Gordon and Ewertson, Lincoln Park Boat club, Chicago; 9:31½.
 Single scull shells, ¼ mile—Won by Kortlander, Grand Rapids Boat and Canoe club; 1:20½.
 Junior eight oared shells, 1¼ miles—Won by Detroit Rowing club; 6:23.
 Four oared shells, open, ½ mile—Won by Mound City Rowing club, St. Louis; 2:50½.
 Senior single scull shells, 1¼ miles—Won by H. Floerke, Central Rowing club, St. Louis; 11:30½.
 Senior double sculls, 1¼ miles, with turn—Won by North Side Boat club, Quincy, Ill.; 10:01.
 Senior six oared barges, ¾ mile—Won by St. Louis Rowing club; 4:20½.
 Senior four oared shells, 1¼ miles—Won by Mound City Rowing club, St. Louis; 10:39½.
 Junior four oared shells, 1¼ miles—Won by Grand Rapids Boat and Canoe club; 10:24.

SOUTHWESTERN REGATTA.

The regatta of the Southwestern Amateur Rowing association took place on Peoria lake at Peoria, Ill., Aug. 7-8, 1912. The winners and time in the principal events were:

Senior single sculls, 1¼ miles, with turn—Won by Oscar Wolff, Western Rowing club, St. Louis; 10:22.
 Senior six oared barges, ¾ mile—Won by Central Rowing club, St. Louis; 4:10½.
 Senior four oared shells, 1¼ miles, with turn—Won by Lincoln Park Boat club, Chicago; 9:05½.
 Senior double sculls, 1¼ miles, with turn—Won by Grand Rapids Boat and Canoe club; 9:19.
 Senior pair oared scull shells, 1¼ miles—Won by Beechestobill and Gossling of the Central Boat club, St. Louis; 10:00½.
 Senior eight oared shells, 1¼ miles straightaway—Won by Detroit Boat club; 6:25.
 Four oared shells, open, 1¼ miles—Won by Winnipeg Boat club; 6:50½.
 Junior single scull shells, 1¼ miles—Won by Stiles, Grand Rapids Boat and Canoe club; 10:17½.
 Junior four oared shells, 1¼ miles—Won by Mound City Rowing club, St. Louis; 9:23.
 Junior double scull shells, 1¼ miles—Won by Stiles and Werfel, Grand Rapids Boat and Canoe club; 9:47.
 Junior pair oared scull shells, 1¼ miles—Won by Rose and Nies, Central Rowing club, St. Louis; 11:13½.
 Single scull shells, ¼ mile—Won by Floerke, Central Rowing club, St. Louis; 1:27½.
 Junior six oared barges, ¾ mile straightaway—Won by Central Rowing club, St. Louis; 4:14.

HENLEY REGATTA (ENGLAND).

The Henley royal regatta took place July 3-6, 1912. The main events were the contests for the Grand Challenge cup and the Thames Challenge cup. The former was won by the Sydney Rowing club of New South Wales in 7:06 and the latter by the Rowing Club de Paris in 7:33. The crews beaten in the finals of these events were Leander and St. John's college, Oxford, respectively. New

college, Oxford, defeated the Thames Rowing club for the Stewards' Challenge cup in 7:56. E. W. Powell of the Vikings club won the Diamond Challenge sculls from Alexander McCulloch of the Leanders in 8:49.

CANADIAN HENLEY.

The annual regatta of the Canadian Association of Amateur Oarsmen was held on the Henley course, Lake Ontario, at Port Dalhousie, Ont., Aug. 2-3, 1912. Winners and time in principal events:

Intermediate doubles—Don Rowing club, Toronto; 9:47½.
 Junior fours—Argonaut Rowing club, Toronto; 9:22½.
 Intermediate singles—Robert Dibble, Don R. C.; 10:50½.
 Senior eights (140 lbs.)—Argonaut R. C.; 7:35.
 Intermediate fours—Don R. C.; 9:16½.
 Senior eights—Argonaut R. C.; 7:16½.
 Senior singles—Robert Dibble, Don R. C.; 10:10½.
 Senior doubles—Don R. C.; no time given.
 Junior eights—Argonaut R. C.; 7:25.
 Senior fours—Ottawa Boat club; 9:17½.

OXFORD-CAMBRIDGE RECORD.

Course from Putney to Mortlake, London.

Year.	Winner.	Time.
1880.....	Oxford	21:23
1881.....	Oxford	21:51
1882.....	Oxford	20:12
1883.....	Oxford	21:08
1884.....	Cambridge	21:39
1885.....	Oxford	21:36
1886.....	Cambridge	22:29½
1887.....	Cambridge	20:52½
1888.....	Cambridge	20:48
1889.....	Cambridge	20:14
1890.....	Oxford	22:03
1891.....	Oxford	21:48
1892.....	Oxford	19:21
1893.....	Oxford	18:47
1894.....	Oxford	21:39
1895.....	Oxford	20:50
1896.....	Oxford	20:01
1897.....	Oxford	19:12
1898.....	Oxford	22:15
1899.....	Cambridge	21:04
1900.....	Cambridge	18:47
1901.....	Oxford	22:31
1902 (March 22).....	Cambridge	19:09
1903 (April 1).....	Cambridge	19:32½
1904 (March 25).....	Cambridge	21:36
1905 (April 1).....	Oxford	20:35
1906 (April 7).....	Cambridge	19:25
1907 (March 16).....	Cambridge	20:36
1908 (April 4).....	Cambridge	19:19
1909 (April 3).....	Oxford	19:50
1910 (March 23).....	Oxford	20:14
1911 (April 1).....	Oxford	18:29
1912 (April 1).....	Oxford	22:05

NOTE—The race of 1912 was the sixty-ninth in the history of the event. The first contest took place in 1845.

SCULLING.

Ernest Barry of England defeated Richard Arnst of Australia in a race over the Thames course of ¼ miles, London, England, July 29, 1912. The contest was for a purse of \$5,000 and the championship of the world. For the first half of the distance the contest was close, but after that the English champion pulled ahead and won by twenty lengths. Barry's time was 23:08. The championship cup had been held by Arnst for several years. In a race with Edward H. Durnan of Toronto, Ont., on the Thames course in London, England, Oct. 14, 1912, Ernest Barry was the victor by two lengths in 22:31.

ROWING RECORDS.

¼ mile—*:57, single scull, straightaway, Edwin Henley, Newark, N. J., July 11, 1901.
 ½ mile—*:23½, single scull, straightaway, Edwin Henley, Newark, N. J., July 11, 1893.
 1 mile—4:28, single scull, straightaway, James Stansbury, with tide, Thames river, England, July 11, 1896; *4:48, single scull, straightaway, Rupert Guinness, Thames river, England, 1893.
 2 miles—*:9:18, eight oars, straightaway, Cornell freshmen, Poughkeepsie, N. Y., June 26, 1903,

- 3 miles—*14:27½, eight oars, straightaway, Cornell university, New London, Conn., June 25, 1891.
 4 miles—*18:55½, straightaway, eight oars, Cornell university, Poughkeepsie, N. Y., July 2, 1901.
 *Performance by amateurs.

SWIMMING.

NATIONAL A. A. U. CHAMPIONSHIPS.

- The National Amateur Athletic union's championship swimming contests in 1912 resulted as follows:
 50 yard swim—Won by Phil Mallen, C. A. A., at Chicago, March 12. Time, 25.
 100 yard swim—Won by Count Kahanamoku, Hawaii, at Chicago March 13. Time, 57½.
 150 yard back stroke—Won by Harry Hebner, I. A. C., at Chicago March 12. Time, 1:55½.
 200 yard breast stroke—Won by Michael McDermott, C. A. A., at Chicago March 13. Time, 2:39.
 220 yard swim—Won by Perry McGivray, I. A. C., at Pittsburgh Feb. 22. Time, 2:34½.
 500 yard swim—Won by J. H. Kelly, N. Y. A. C., at Pittsburgh, Pa., Feb. 24. Time, 6:32½.
 ¼ mile swim—Won by R. E. Frizelle, N. Y. A. C., at New York Aug. 31. Time, 5:56½.
 ½ mile swim—Won by L. B. Goodwin, N. Y. A. C., at New York Sept. 14. Time, 12:42.
 1 mile swim—Won by L. B. Goodwin, N. Y. A. C., at Chicago Aug. 31. Time, 25:25.
 10 mile swim—Won by Clarence Heath, Missouri A. C., at St. Louis Aug. 17. Time, 1:39:02½.
 Fancy diving—Won by J. F. Dunn, N. Y. A. C., at New York Sept. 14. Points, 713.
 400 yard interclub relay—Won by City Athletic club team of New York at New York March 2. Time, 3:09½.
 Water polo—Won by Chicago A. A. from Missouri A. C., at Pittsburgh March 16. Score, 5 to 0.

CENTRAL A. A. U. CHAMPIONSHIPS.

INDOOR.

- The Central Amateur Athletic union's championship swimming contests in 1912 resulted as follows:
 880 yard swim—Won by H. J. Handy, C. A. A., in the I. A. C. tank, Chicago, March 13. Time, 13:00.
 Fancy diving—Won by George Gaidzik, C. A. A., in C. A. A. tank, Chicago, March 13. Points, 278.
 Plunge for distance—Won by G. A. Johnson, C. A. A., in C. A. A. tank, Chicago, March 13. Distance 60 feet, in 24½.
 50 yard swim—Won by K. Huszagh, C. A. A., in C. A. A. tank, Chicago, March 20. Time, 24½.
 220 yard breast stroke—Won by M. McDermott, C. A. A., in C. A. A. tank, March 20. Time, 2:54½.
 440 yard swim—Won by J. G. Morris, Evanston, in C. A. A. tank, March 20. Time, 5:57½.
 100 yard swim—Won by K. Huszagh, C. A. A., in C. A. A. tank, March 27. Time, 57.
 1 mile swim—Won by J. G. Morris, Evanston, in C. A. A. tank, March 27. Time, 26:03½.
 220 yard swim—Won by Perry McGivray, I. A. C., in I. A. C. tank, April 27. Time, 2:28½.
 100 yard back stroke—Won by Harry Hebner, I. A. C., in I. A. C. tank, April 27. Time, 1:11½.

OUTDOOR.

- 100 yard swim—Won by P. McGivray, I. A. C., at Chicago, Aug. 19. Time, 59.
 200 yard breast stroke—Won by M. McDermott, unattached, at Chicago, Aug. 19. Time, 9:53½.
 400 yard relay race—Won by I. A. C. team, at Chicago, Aug. 19. Time, 2:30.
 Fancy diving—Won by Duke, I. A. C., at Chicago, Aug. 19. Points, 83.
 440 yard swim—Won by A. C. Rathel, I. A. C., at Chicago, Aug. 14. Time, 8:29½.
 50 yard swim—Won by Perry McGivray, I. A. C., at Chicago, Aug. 16. Time, 40½.
 100 yard back stroke—Won by H. W. Buckland, Milwaukee A. C., at Chicago, Aug. 16. Time, 2:05.
 220 yard swim—Won by Perry McGivray, I. A. C., at Chicago Aug. 16. Time, 3:04.
 High diving—Won by Heyn, C. A. A., at Chicago, Aug. 16. Points, 176.
 1 mile swim—Won by L. A. Ferguson, C. A. A., at Chicago, Aug. 16. Time, 44:32.

CHICAGO RIVER SWIM.

The fifth annual Chicago river swim, under the auspices of the Illinois Athletic club, took place Aug. 10, 1912, over a course of approximately 2½

miles from a point in the lake opposite the Chicago Yacht club to the Jackson boulevard bridge. (The distance of the course used prior to 1912 was about 1½ miles.) William R. Vosburgh of the University of Illinois was the winner in 1:03:22. Following was the order of the finish and time of the first five contestants:

- 1—Wm. R. Vosburgh, University of Illinois, 1:03:22
- 2—W. S. Merriam, Illinois Athletic club, 1:05:06
- 3—M. Kaiser, unattached, 1:05:27
- 4—J. S. Steuer, Chicago Athletic club, 1:05:43
- 5—R. G. Boyle, Pittsburgh Swimming club, 1:06:12

Record of the event:

Year and winner.	Time.
1908—S. C. Jensen, I. A. C.	44:41½
1909—H. J. Handy, I. A. C.	36:12½
1910—Perry McGivray, I. A. C.	38:03
1911—Joseph Steuer, unattached.	43:21
1912—W. R. Vosburgh, Univ. of Illinois.	1:03:22

LAKE "MARATHON" SWIM.

Leslie Chilville of the Illinois A. C. won the annual 2½ mile swimming race from the Lake View crib to Wilson beach, Chicago, July 27, 1912, in 1:00:46½; A. Steuer was second. Winners of event to date:

Year and winner.	Time.
1906—H. J. Handy, I. A. C.	1:09:00
1907—L. Chilville, Y. M. C. A.	1:17:00
1908—H. J. Handy, I. A. C.	1:12:00
1909—W. S. Merriam, M. C. Indianapolis.	52:25
1910—M. McDermott, C. Y. M. C. A.	1:06:25
1911—M. McDermott, C. A. A.	1:04:27
1912—L. Chilville, I. A. C.	1:00:46½

BRITISH LONG DISTANCE CHAMPIONSHIP.

J. H. Taylor won the long distance amateur swimming championship of England on the Thames Aug. 17, 1912, covering 5 miles 60 yards in 1:05:07½.

AMERICAN SWIMMING RECORDS.

- 50 yards—23½, Kenneth Huszagh, C. A. A.
 100 yards—56, C. M. Daniels, N. Y. A. C.
 220 yards—2:25½, C. M. Daniels, N. Y. A. C.
 440 yards—5:23½, E. McGivray, I. A. C.
 880 yards—11:44½, C. M. Daniels, N. Y. A. C.
 1 mile—23:40½, C. M. Daniels, N. Y. A. C.
 10 miles (Mississippi river)—1:30:52, L. B. Goodwin, New York Athletic club.
 100 yards on back—1:15½, H. J. Handy, I. A. C.
 100 yards, breast stroke—1:17½, H. J. Handy, I. A. C.
 160 yards, relay—1:18½, I. A. C. team (H. J. Hebner, P. McGivray, A. C. Rathel, T. Winans).
 200 yards, breast stroke—2:39, Michael McDermott, C. A. A.
 500 yards, relay—5:09½, I. A. C. team (H. J. Hebner, Perry McGivray, William Vosburgh, R. E. Frizelle, H. J. Handy).
 400 yards, relay—3:51½, I. A. C. team (A. C. Rathel, Perry McGivray, T. W. Winans, H. Hebner).
 500 yards, relay—4:52½, I. A. C. team (A. C. Rathel, Perry McGivray, H. Hebner, T. W. Winans, R. Foster).
 Plunge for distance (1 minute time limit)—80 feet, S. B. Willis, Pennsylvania.
 Under water swim—320 feet, E. P. Swatek, I. A. C.

CENTRAL A. A. U. RECORDS.

- 40 yards—1:94, P. W. McGivray, I. A. C.
 100 yards—56½, K. Huszagh, C. A. A.
 220 yards—2:31, P. McGivray, I. A. C.
 440 yards—6:50, H. J. Handy, I. A. C.
 880 yards—12:04½, H. J. Handy, I. A. C.
 1 mile—24:42½, H. J. Handy, I. A. C.
 1 mile, back stroke—1:11½, H. J. Hebner, I. A. C.
 100 yards, breast stroke—1:17½, H. J. Handy, I. A. C.
 Plunge for distance—65 feet 10 inches, C. L. Brown, I. A. C.
 Under water swim—320 feet, E. P. Swatek, I. A. C.
 160 yards, relay—1:18½, I. A. C. team (H. J. Hebner, P. McGivray, A. C. Rathel, T. Winans).
 100 yard medley swim—1:10½, H. J. Hebner, I. A. C.
 Fancy diving—F. A. Bornemann, C. A. A., and G. Gaidzik, C. A. A.

RECORDS MADE IN 1912.

(Unofficial.)

- 40 yards—Made in :19½ by Frank Winans, Illinois Athletic club, Chicago, in Milwaukee, Wis., Feb. 2; equals world's record

Plunge for distance (1 minute time limit)—76 feet 6 inches, made by Capt. Willis of the University of Pennsylvania in Philadelphia, Pa., Feb. 10.
 50 yards—Made in :23½ by Kenneth Huszagh in the Illinois A. C. tank, Chicago, Feb. 15; world's record.
 150 yards, back stroke—Made in 1:52 by Harry Heibner in the Illinois A. C. tank, Feb. 15; world's record.
 100 yards—Made in :56½ by K. Huszagh in the Illinois A. C. tank, Feb. 15; Central A. A. U. record.
 220 yards—Made in 2:31 by Perry McGillivray in the Illinois A. C. tank, Feb. 15; Central A. A. U. record.
 50 yards—Made in :23½ by Kenneth Huszagh in the I. A. C. tank, Chicago, March 12; world's record.
 200 yards, breast stroke—Made in 2:39 by Michael McDermott, C. A. A., in C. A. A. tank, Chicago, March 13; world's record.
 100 meters, back stroke—Made in 1:16 by Harry Heibner, I. A. C., in I. A. C. tank, Chicago, April 5, 1912; world's record.
 160 yards, relay—Made in 1:38½ by Illinois Athletic club quartet (A. C. Rathel, T. Winans, H. Heibner and P. McGillivray), in I. A. C. tank, Chicago, April 5, 1912; world's record.

FLY AND BAIT CASTING.

[Compiled by Fred N. Peet, 710 West Madison street, Chicago, Ill.]

NATIONAL ASSOCIATION RECORDS.

Following are the records made under the rules of the National Association of Scientific Angling clubs:

All around championship fly and bait casting—L. E. DeGarmo, first, 45 demerits, Chicago, Aug. 15-17, 1912.
 All around championship fly and bait casting—T. H. Bellows, second, 73 demerits, Chicago, Aug. 15-17, 1912.
 Salmon casting—W. H. Ball, 140 feet 6 inches (rod 15 feet), Chicago, Aug. 19, 1910.
 Long distance fly—Fred N. Peet, 117 feet (rod unlimited), Chicago, Aug. 20, 1910, and C. McCarthy, Chicago, Aug. 15-17, 1912.
 Long distance fly—C. McCarthy, 114 feet (5 ounce rod), Chicago, Aug. 15-17, 1912.
 Dry fly delicacy and accuracy at buoys 35, 40 and 45 feet—Fred N. Peet, 99.7-30%, Racine, Wis., Aug. 15, 1907.
 Distance and accuracy at buoys 50, 55 and 60 feet—T. A. Forsythe, 99.13-15%, Chicago, Aug. 13, 1910.
 Dry fly accuracy at buoys 20, 27½, 35, 42½, 50 feet—T. H. Bellows, 99.6-15% (5 ounce rod), Chicago, Aug. 15-17, 1912.
 ½ ounce accuracy bait at buoys 60, 70, 80, 90 and 100 feet—D. F. Beatty, 99.5-10%, Chicago, Aug. 20, 1910.
 ¼ ounce accuracy bait at buoys 60, 65, 70, 75 and 80 feet—W. H. Ball, 99.5-10%, Chicago, Aug. 19, 1910.
 ½ ounce long distance bait—B. F. Flegel, 214 feet 4 inches (average 5 casts), Chicago, Aug. 15-17, 1912.
 ¼ ounce long distance bait—C. E. Lingenfelter, 169 feet 9 inches (average 5 casts), Chicago, Aug. 15-17, 1912.
 Two handed surf casting, 2½ ounce—F. B. Rice, 269½ feet, New York, Aug. 21, 1909.

AMERICAN RECORDS.

Salmon casting, professional—John Enright, 152 feet, rod 20 feet, 48 ounce; Central park, New York, Oct. 12, 1906.
 Switch fly casting—H. W. Hawes, 102 feet, Central park, New York, 1887.
 Long distance fly casting, heavy rod—W. D. Mansfield, 134 feet; rod 11 foot, 10 ounces; San Francisco, 1902.
 Long distance fly casting (5 ounce rod)—W. D. Mansfield, 129 feet 6 inches; San Francisco, 1902.
 Dry fly casting for delicacy and accuracy at buoys 25, 40 and 45 feet—Fred N. Peet, 99.5-15%, at Kalamazoo, Mich., Aug. 3, 1906.
 Long distance bait casting, ¼ ounce, longest cast—C. E. Lingenfelter, 169 feet 9 inches; Chicago, Aug. 15-17, 1912.
 Long distance bait, ¼ ounce, longest cast—B. F. Flegel, 231 feet 6 inches; Chicago, Aug. 15-17, 1912.

ICE SKATING.

CHAMPIONSHIP MEETINGS IN 1912.

WESTERN (INDOOR).

Place and date—St. Paul, Minn., Feb. 2 and 3.
 ¼ mile—Won by Robert McLean, Chicago; time, :39½.
 ½ mile—Won by Harry Kaad, Chicago; time, 1:24½.
 1 mile—Won by McLean; time, 3:10.
 2 miles—Won by McLean; time, 6:11½.
 5 miles—Won by McLean; time, 16:05½.

NATIONAL (INDOOR).

Place and date—Boston, Mass., Feb. 15 and 16.
 220 yards—Won by O. R. Bush, Vancouver, B. C.; R. McLean, Chicago, second; F. J. Robson, Toronto, third. Time, :20½.
 440 yards—Won by H. Kaad, Chicago; Lot Roe, Toronto, second; W. H. Burkholder, New York, third. Time, :41½.
 880 yards—Won by McLean; Kaad, second; Burkholder, third. Time, 1:23½.
 1 mile—Won by McLean; Bush, second; Kaad, third. Time, 2:53½.
 2 miles—Won by McLean; Bush, second; Kaad, third. Time, 6:30½.

NATIONAL (INDOOR).

Place and date—New York, N. Y., Feb. 17.
 ¼ mile—Won by Robert McLean; P. J. Kearney, New York, second; A. J. O'Sickey, Cleveland, third. Time, :42½.
 1 mile—Won by McLean; Fred Wheeler, Montreal, second; P. J. Kearney, third. Time, 3:11½.

INTERNATIONAL (OUTDOOR).

Place and date—Saratoga Lake, N. Y., Feb. 19 and 20.
 220 yards—Won by Lot Roe, Toronto; C. A. Fisher, Milwaukee, second; W. H. Jackson, Montreal, third. Time, :21½.
 440 yards—Won by Wheeler; W. E. Gunderson, Chicago, second; Kaad, third. Time, :41½.
 1 mile—Won by Robert McLean, Chicago; Jack Horning, Cleveland, second; Jack Walker, Saratoga, third. Time, 3:18.
 2 miles—Won by R. L. Wheeler, Montreal; Fisher, Milwaukee, second; Harry B. Kaad, Chicago, third. Time, 7:17.
 3 miles—Won by McLean; Fisher, second; Kaad, third. Time, 10:35.

EASTERN (INDOOR).

Place and date—Syracuse, N. Y., Feb. 22.
 220 yards—Won by C. B. Bush, Vancouver, B. C.; R. McLean, Chicago, second. Time, :22½.
 440 yards—Won by Bush; McLean, second. Time, :44½.
 ½ mile—Won by McLean; W. Gunderson, Chicago, second; W. Burkholder, New York, third. Time, 1:30½.
 1 mile—Won by McLean; Burkholder, second; R. L. Wheeler, Montreal, third. Time, 3:12½.
 2 miles—Won by McLean; H. Kaad, second; Wheeler, third. Time, 7:07½.

MIDDLE WESTERN (INDOOR).

Place and date—Cleveland O., Feb. 23 and 24.
 220 yards—Won by R. McLean, Chicago; Roe, Toronto, second; Wheeler, Montreal, third. Time, :26½.
 ½ mile—Won by McLean; Wheeler, second; Roe, third. Time, 1:25½.
 1 mile—Won by McLean; Wheeler, second; Kaad, Chicago, third. Time, 3:00.
 ¼ mile—Won by McLean; Wheeler, second. Time, :39½.
 ¾ mile—Won by McLean; Wheeler, second. Time, 2:14½.
 1½ miles—Won by McLean; Wheeler, second. Time, 4:22½.

CHAMPION AMATEUR SKATER.

Robert McLean of Chicago won the international amateur skating championship of 1912 by a wide margin. The following table, compiled by Julian T. Fitzgerald, secretary of the Western Skating association, shows the standing of the leading contenders for championship honors. Under the rules first place counts for thirty points, second place twenty and third ten.

	1st.	2d.	3d.	Pts.
Robert McLean, Chicago, Ill.....	15	4	..	530
R. L. Wheeler, Montreal, Que....	3	6	2	230
Harry B. Kaad, Chicago, Ill.....	1	2	8	150
Oakley B. Bush, Vancouver, B. C.	3	2	..	130
Lot Roe, Toronto, Ont.....	1	2	1	80
Chas. T. Fisher, Milwaukee, Wis. ..	3	..	..	60

Wm. Burkholder, New York, N. Y.	1	4	60
Phil Kearney, New York, N. Y.	1	1	30
John Hoernig, Cleveland, O.	1	20	
Walter E. Gunderson, Chicago, Ill.	1	20	
Fred J. Robson, Toronto, Ont.	1	10	
Anton J. O'Sickey, Cleveland, O.	1	10	
W. H. Jackson, Montreal, Que.	1	10	
Jack Walker, Saranac Lake, N. Y.	1	10	

PROFESSIONAL MATCHES.

Edmund Lamy and Morris Wood, professionals, met in a series of skating races at various distances on Saranac Lake, New York, Jan. 30-31, 1912. Lamy won four out of six events and was declared the victor in the match. Lamy won the half-mile in 1:57 $\frac{1}{2}$, the three-quarters mile in 2:33 $\frac{1}{2}$, the mile in 3:35 and the two mile race in 6:35 $\frac{1}{2}$. Wood won the 220 yard race in 2:00 $\frac{1}{2}$ and the 440 yard event in 3:39 $\frac{1}{2}$.

At Saranac Lake Jan. 1, 1912, Edmund Lamy made 100 yards in 39 from a standing start in an exhibition trial. The former record was :09 $\frac{1}{2}$, held by Morris Wood, who was an amateur when he made it.

BACKWARD LEAP.

S. Herman Leweck of Chicago made a backward leap of 3 feet 6 inches over hurdles at Humboldt park, Chicago, Feb. 4, 1912. This is a world's record.

WORLD'S ICE SKATING RECORDS.

Compiled by Julian T. Fitzgerald, secretary Western Skating association.

50 yards—:05 $\frac{1}{2}$, Morris Wood,* Pittsburgh, Pa., 1907.	
75 yards—:08, Fred J. Robson,* Toronto, Ont., 1907.	
100 yards—:07, Harley Davidson† and Howard F. Mosher,† Red Bank, N. J., 1895; with wind and flying start.	
100 yards—:09 $\frac{1}{2}$, Morris Wood,* Verona Lake, N. J., Jan. 24, 1903.	
120 yards—1:1 $\frac{1}{2}$, John S. Johnson,† Minneapolis, Minn., May 1, 1893.	
150 yards—1:14 $\frac{1}{2}$, George D. Phillips,* New York, N. Y., Dec. 26, 1885.	
150 yards—1:14 $\frac{1}{2}$, S. D. See,† New York, N. Y., Feb. 21, 1885.	
200 yards—:17 $\frac{1}{2}$, John S. Johnson,† Minneapolis, Minn., Feb. 26, 1893.	
200 yards—:16 $\frac{1}{2}$, J. C. Hemmet,* New York, N. Y., Jan. 24, 1895.	
220 yards—1:18, Fred J. Robson,* Boston, Mass., February, 1911.	
300 yards—:31 $\frac{1}{2}$, George D. Phillips,* Van Cortland, N. Y., Dec. 30, 1893.	
300 yards—:23 $\frac{1}{2}$, Harley Davidson,† Red Bank, N. J., Jan. 24, 1895; with wind in trial record.	
440 yards—:28 $\frac{1}{2}$, Norval Baptie,† Minneapolis, Minn., Jan. 10, 1903; flying start and with wind in record trial.	
440 yards—:36 $\frac{1}{2}$, Morris Wood,* Pittsburgh, Pa., Feb. 23, 1907.	
600 yards—:55 $\frac{1}{2}$, O. Rudd,† Minneapolis, Minn., May 5, 1893.	
660 yards—:59 $\frac{1}{2}$, Morris Wood,* Pittsburgh, Pa., Feb. 2, 1904.	
$\frac{1}{2}$ mile—1:00 $\frac{1}{2}$, Norval Baptie,† Minneapolis, Minn., Jan. 10, 1903; flying start with wind in record trial.	
$\frac{1}{2}$ mile—1:16 $\frac{1}{2}$, Norval Baptie,† Fort William, Ont., Feb. 10, 1908.	
$\frac{1}{2}$ mile—1:16 $\frac{1}{2}$, Charles Rankin,† Cleveland, O., Feb. 10, 1910.	
$\frac{3}{4}$ mile—1:54 $\frac{1}{2}$, O. Rudd,† Minneapolis, Minn., Jan. 25, 1895.	
$\frac{3}{4}$ mile—2:04 $\frac{1}{2}$, Edmund Lamy,* Cleveland, O., Jan. 1, 1910.	
1 mile—2:08, Norval Baptie,† Minneapolis, Minn., Jan. 11, 1903; with wind in record trial.	
1 mile—2:35 $\frac{1}{2}$, John S. Johnson,† Montreal, Que., Jan. 28, 1899.	
$\frac{1}{4}$ miles—3:43, John S. Johnson,† Minneapolis, Minn., Feb. 26, 1894.	
$\frac{1}{4}$ miles—4:10, Lot Roe,* Pittsburgh, Pa., Jan. 29, 1890.	
$\frac{1}{2}$ miles—5:14, John S. Johnson,† Minneapolis, Minn., Feb. 26, 1895.	
2 miles—5:33 $\frac{1}{2}$, John Nilsson,† Montreal, Que., Feb. 4, 1900.	
$\frac{2}{3}$ miles—7:32, John S. Johnson,† Montreal, Que., Feb. 26, 1894.	
3 miles—8:41 $\frac{1}{2}$, John Nilsson,† Montreal, Que., Feb. 4, 1900.	

$\frac{3}{4}$ miles—10:39, John S. Johnson,† Montreal, Que., Feb. 26, 1894.	
4 miles—12:00 $\frac{1}{2}$, John Nilsson,† Montreal, Que., Feb. 5, 1897.	
$\frac{4}{5}$ miles—13:51, John S. Johnson,† Montreal, Que., Feb. 26, 1894.	
5 miles—14:24, O. Rudd,† Minneapolis, Minn., Feb. 20, 1896.	
10 miles—31:11 $\frac{1}{2}$, John S. Johnson,† Montreal, Que., Feb. 26, 1894.	
15 miles—49:17 $\frac{1}{2}$, A. D. Smith,† St. Paul, Minn., Jan. 26, 1894; made in 20 mile race.	
20 miles—1:06:36 $\frac{1}{2}$, A. D. Smith,† St. Paul, Minn., Jan. 26, 1894.	
25 miles—1:39:29, J. F. Donohue,† Stamford, Conn., Jan. 26, 1893.	
50 miles—3:15:59 $\frac{1}{2}$, J. F. Donohue,† Stamford, Conn., Jan. 26, 1893.	
100 miles—7:11:38 $\frac{1}{2}$, J. F. Donohue,† Stamford, Conn., Feb. 26, 1893.	
High jump, flying start—4 feet 3 inches, William H. Quinn,* Boston, Mass., February, 1911.	
High jump, flying start backward, over a hurdle—3 feet 6 inches, S. Herman Leweck,† Chicago, Ill., Feb. 4, 1912.	
Broad jump forward—25 feet 2 inches, Edmund Lamy,* Saranac Lake, N. Y., February, 1911.	
*Amateur. †Professional.	

WORLD'S METER RECORDS.

Compiled by Allen I. Blanchard.

Meters.	
200—:19 $\frac{1}{2}$, Oakley Bush, 1910.	
500—:41 $\frac{1}{2}$, J. S. Johnson, 1895.	
600—:59 $\frac{1}{2}$, Morris Wood, 1904.	
1,000—1:31 $\frac{1}{2}$, P. Oestlund, 1910.	
1,500—2:20 $\frac{1}{2}$, P. Oestlund, 1910.	
1,500—2:20 $\frac{1}{2}$, Oscar Mathiesen, 1912.	
2,200—4:08, J. K. McCulloch, 1897.	
2,600—4:45, J. K. McCulloch, 1897.	
3,000—5:32, J. K. McCulloch, 1897.	
5,000—8:37 $\frac{1}{2}$, J. Eden, 1894.	
10,000—17:46 $\frac{1}{2}$, Oscar Mathiesen, 1912.	

CHAMPION FIGURE SKATERS.

List compiled by Allen I. Blanchard.

NATIONAL.

1863-64—Jackson Haines, Troy, N. Y.	
1866-66—W. H. Fuller, Boston, Mass.	
1867—E. T. Goodrich, Chicago.	
1868—W. H. Bishop (Frank Swift), New York.	
1869-78—Callie Curtis, Chicago.	
1879—James B. Story, New York.	
1887—Frank P. Good, Brooklyn.	
1888-89—Louis Rubenstein, Montreal.	
1891—Rubenstein and Phillips, tied.	
1892-93—George D. Phillips, New York.	
1896—Herbert S. Evans, Boston.	
1897—George D. Phillips, New York.	
1898-1902—Arthur G. Keane, New York.	
1904—W. F. Duffy, New York.	
1905—Arthur G. Keane, New York.	
1906—Irving Brokaw, New York.	
1907—Edward Basset, New York.	
1909—Arthur G. Williams, Newark, N. J.	

WESTERN.

1867-69—Eugene W. Pratt, Chicago.	
1870—William H. Willard, Battle Creek, Mich.	
1871—James Allison, Chicago.	
1873-77—Gus A. Blumh, Chicago.	
1878—Allen I. Blanchard, Chicago.	
1890—William Blandow, Chicago.	
1891—R. A. Norris, Chicago.	
1896—John N. Sandblom, Chicago.	
1898—Edwin S. Woods, Chicago.	
1899—J. D. Bruce, Minneapolis.	
1900—C. H. Robertson, Minneapolis.	

SKATING ASSOCIATIONS.

Western Skating Association—President, Peter B. Olsen; first vice-president, Dr. H. H. Hayes; second vice-president, H. H. Erland; third vice-president, John C. Semon, Cleveland; fourth vice-president, George C. Sudheimer, St. Paul; secretary-treasurer, Julian T. Fitzgerald, 511 Western Union building, Chicago.

International Skating Union of America—President, Allen I. Blanchard, Chicago, Ill.; secretary-treasurer, Louis Rubenstein, 41 West Craig street, Montreal, Que.

POWER-BOAT RACING.**HARMSWORTH CUP.**

Maple Leaf IV., representing the Royal Motor Yacht club of England, won the annual motor boat contest for the international trophy known as the Harmsworth cup Aug. 31 and Sept. 3 and 4, 1912. The races took place on a thirty mile course on Huntington bay, Long Island. The first contest was won by J. F. Blackton's Baby Reliance II., which covered the course in 42:29, or at the rate of 42.68 miles an hour. Maple Leaf IV. was second in 49:32. In the second race Maple Leaf IV. was first in 1:06:25. It was also first in the last and decisive race in 47:46. Baby Reliance III. was second. Prior to 1912 American power boats had won the cup seven times.

MISSISSIPPI VALLEY REGATTA.

The fifth annual regatta of the Mississippi Valley Power Boat association took place at Davenport, Iowa, July 4-6, 1912. Results in principal events: 20 foot class, 15 miles—Won by Baby Reliance I. Time, 34:16½. 32 foot class, 20 miles—Won by Baby Reliance I. Time, 35:00. 40 foot class, 20 miles—Won by Baby Reliance III. Time, 34:23½. 60 mile cruising race—Won by the Alamo of Clinton, Iowa. Time, 5:26. 5 mile handicap—Won by Leading Lady of Galena. Time, 22:38.

The 1913 regatta will be held at Keokuk, Iowa.

WRIGLEY TROPHY.

The trophy offered by William Wrigley, Jr., and valued at \$22,000, which was contested for by hydroplanes at the Chicago water carnival in August, 1912, was won by Baby Reliance II., owned by J. S. Blackton of New York, N. Y. With the trophy went the title of the free-for-all championship of America. The only other real contender was James A. Pugh's Disturber III., which was given two heats out of five by the judges. Mr. Pugh claimed to have taken three heats and was therefore the winner of the contest, but his claim was not allowed. Baby Reliance II. also won the Adam Weekler and Clark trophies. In the course of the meet the motor boats Kitty Hawk II. and Baby Reliance sank in the lake. Both were recovered.

CHICAGO-MICHIGAN CITY RACE.

June 15, 1912. Distance, 32.1 nautical miles.

Boat.	Starting time.	Finishing time.	Elapsed time.	Position.
Florence II.	11:28:32	3:16:51	3:48:19	1
Frolic	11:04:25	3:26:58	4:22:36	2
Sterling	11:40:04	3:29:58	3:49:54	3
Avis	11:12:18	3:58:41	4:26:23	4
Erlina	11:04:25	3:53:09	4:28:44	5
Pearl	11:15:44	3:55:05	4:19:21	6
Marguerite	12:00:00	3:41:14	3:41:14	7
Francesca	10:58:07	3:42:58	4:49:51	8

PHILADELPHIA TO BERMUDA.

The motor boats Dream and Kathema raced from Philadelphia to Hamilton, Bermuda, July 27, 1912, the former arriving at the goal at 7:20 p. m. July 31 and the latter at 6:02 p. m. Aug. 1. The elapsed time of the Dream was 104:29:05. The trip of 719 nautical miles was a rough one and the crews arrived in an exhausted condition. The Dream also won the return race by 5:26:00 on time allowance. The Kathema arrived at Atlantic City, N. J., at 3 a. m. Aug. 10 and the Dream at 10:04 a. m. The allowance of the latter boat was 12 hours 30 minutes.

NIAGARA RIVER RACES.

In the motor boat races on the Niagara river at Buffalo, N. Y., Sept. 12-14, 1912, the principal event, the race for the 35 mile international championship and the E. R. Thomas trophy, was taken by Baby Reliance II., owned by J. S. Blackton of Brooklyn. Its time was 45:20, or 46.15 miles per hour. Neptune II. of Detroit was second in 48:30.

GOLD CHALLENGE CUP.

The gold challenge cup of the American Power Boat association, contested for over a 32 mile

course on Alexandria bay, New York, was won Aug. 1-3, 1912, by the P. D. Q., owned by J. Mills of New York, with 22 points. Baby Reliance was second with 21 points.

CADILLAC RACES.

Kitty Hawk II. took most of the honors at the Cadillac motor boat races at Detroit, Mich., July 23-26, 1912. It defeated Baby Reliance in an 8 mile race, won the 40 mile free-for-all championship contest and took the Clement Studebaker, Jr., trophy for the fastest measured mile made on the Detroit river. Its time in the last event was 1:11½, or 50.42 miles per hour, the best official record on the great lakes.

BOWLING.**AMERICAN BOWLING CONGRESS.**

Leading winners in the twelfth annual tournament of the American Bowling congress, held in Chicago, Ill., March 2-23, 1912:

FIVE-MAN TEAMS.

Team and city.	Score.	Prize.
Brunswick All Stars, New York	2,904	\$750
Terry's Mountains, Milwaukee	2,870	650
Lipmans, Chicago	2,848	550
Brunswick-Balks, Chicago	2,847	475
Germanias, Fort Wayne	2,845	415
Spacke Machines, Indianapolis	2,841	370
Klondikes, Toledo	2,823	325
Newarks, Newark, N. J.	2,813	285
Weeghmans, Chicago	2,810	250
Chalmers Motors, Chicago	2,809	220
Seng's Springs, Chicago	2,807	185
Henslers, Peoria	2,807	185
Union Bag, Chicago	2,805	160
Mission Fives, Marion, O.	2,786	150
Beck's Select, Buffalo	2,778	140
Alexandria Stars, Des Moines	2,771	130
Queen of Nelsons, Louisville	2,775	120
N. C. T. V., Cincinnati	2,772	107
Curtin-Cadillacs, Columbus	2,772	107
Manhattan, Washington, D. C.	2,771	100
O'Learys, Chicago	2,767	95
Bingos, Chicago	2,766	90
Techs, Pittsburgh	2,757	85
Bensinger-Monroes, Chicago	2,754	80
Jiruskas, Chicago	2,753	75

TWO-MAN TEAMS.

Team and city.	Score.	Prize.
Owen-Sutton, Louisville	1,259	\$425
Welsh-Mauzer, Youngstown, O.	1,256	375
Blouin-Roife, Chicago	1,241	325
Rippen-Boye, St. Louis	1,236	275
Neuman-Munson, Canton, Ill.	1,227	225
Swanson-Sallander, Chicago	1,226	200
Pritchett-Goodwin, Indianapolis	1,220	175
Hart-Richard, South Bend, Ind.	1,216	150
O'Connell-Whitmarsh, Detroit	1,213	125
Vandertunk-Martin, St. Paul	1,212	95
McKnew-Krauss, Washington, D. C.	1,212	95

SINGLES.

Larry Sutton, Rochester, N. Y.	679	\$260
M. Hotchkiss, Detroit	674	225
W. Elwert, Toledo	664	200
E. Shepherd, Kansas City	662	175
C. Thies, Cleveland	659	150

ALL EVENTS.

P. Sutton, Louisville	1,843	\$150
A. Sallander, Chicago	1,838	125
J. Rosendal, Chicago	1,833	100
J. Sell, Canton, O.	1,830	90
R. Roife, Chicago	1,828	80

CHAMPIONSHIP RECORD.**Five-Man Teams.**

Year.	Team and city.	Score.
1901—	Standards, Chicago.	2,720
1902—	Fidelias, New York.	2,792
1903—	O'Learys, Chicago.	2,819
1904—	Ansons, Chicago.	2,737
1905—	Gunthers No. 2, Chicago.	2,795
1906—	Centurys No. 1, Chicago.	2,794
1907—	Furniture Citys, Grand Rapids.	2,775
1908—	Bonds, Columbus, O.	2,927
1909—	Lipmans, Chicago.	2,962
1910—	Cosmos, Chicago.	2,880
1911—	Flenners, Chicago.	2,924
1912—	Brunswick All Stars, New York.	2,904

TWO-MAN TEAMS.

1901—Voorhees-Starr, New York.....	1,203
1902—McLean-Steers, Chicago.....	1,237
1903—Collins-Selbach, Columbus.....	1,227
1904—Kraus-Spies, Washington.....	1,184
1905—Stretch-Rolfe, Chicago.....	1,213
1906—Hamilton-Husey, Philadelphia.....	1,268
1907—Richter-Bigley, Louisville.....	1,164
1908—Kiene-Chalmers, Chicago.....	1,254
1909—Schwoegler Brothers, Madison, Wis.....	1,304
1910—Daiker-Wetterman, Cincinnati.....	1,231
1911—Hartley-Seller, East Liverpool, O.....	1,246
1912—Owen-Sutton, Louisville, Ky.....	1,259

SINGLES

1901—Frank Brill, Chicago.....	648
1902—Fred Strong, Chicago.....	649
1903—David A. Jones, Milwaukee.....	683
1904—Martin Kern, St. Louis.....	647
1905—C. Anderson, St. Paul.....	651
1906—Frank T. Favour, Oshkosh.....	669
1907—M. Levey, Indianapolis.....	624
1908—A. Wengler, Chicago.....	699
1909—Larry Sutton, Rochester, N. Y.....	691
1910—Thomas Hale, Detroit.....	704
1911—J. Bloun, Chicago.....	681
1912—Larry Sutton, Rochester, N. Y.....	679

American Bowling Congress Officials (1912-1913)—
President, George B. Howard, Chicago; secretary, A. L. Langtry, Milwaukee, Wis.; treasurer, F. L. Padeloup, Chicago.

NATIONAL BOWLING ASSOCIATION.

In the sixth annual tournament of the National Bowling association, held in Paterson, N. J., and ending March 30, 1912, the Grand Centrals of Rochester, N. Y., won the five-man team event with the world's record total of 2,997. The doubles event was won by Charles Johnson and Mortimer Lindsey of New Haven, Conn., with 1,301 points, and Leo Lucke of Brooklyn took the individual championship with a total of 699. Mortimer Lindsey won the all around championship with a world's record of 2,031 for nine games. Event winners to date:

FIVE-MAN TEAMS.

Score.

1907—Corinthians, New York.....	2,814
1908—Brunswick, New York.....	2,893
1909—Corinthians, N. Y., New York.....	2,893
1910—Chalmers, Detroit.....	2,917
1911—Bonds, Cleveland.....	2,969
1912—Grand Centrals, Rochester.....	2,997

TWO-MAN TEAMS.

1907—Tathill-Nelson, Brooklyn.....	1,220
1908—McGuirk-Grady, Paterson.....	1,218
1909—Satterthwaite-Rodgers, Philadelphia.....	1,298
1910—Burdine-Eckstein, Washington, D. C.....	1,305
1911—Kelsie-Johnson, New Haven, Conn.....	1,355
1912—Johnson-Lindsey, New Haven, Conn.....	1,301

INDIVIDUALS.

1907—Frank Sauer, New York.....	657
1908—Fred Schwartje, Brooklyn.....	697
1909—E. Thompson, Brooklyn.....	699
1910—Tony Prio, Brooklyn.....	705
1911—Joseph West, London, Ont.....	694
1912—Leo Lucke, Brooklyn.....	699

INTERNATIONAL BOWLING ASSOCIATION.

In the International Bowling association tournament in St. Paul, Minn., ending Feb. 22, 1912, the Americans of St. Paul won the five-man event with a score of 2,996, the highest in the record of the organization. The two-man event was won by E. Lee and A. De Vos of Milwaukee with 1,222 points, while F. L. Trainer of Sioux City won the singles with a score of 642. L. C. Bonning of St. Paul won the all events championship with a total of 1,821. Summary of winners to date:

FIVE-MAN TEAMS.

1903—Aces, St. Paul.....	2,726
1904—Capitols, St. Paul.....	2,694
1905—Courts, St. Paul.....	2,820
1906—Capitols, St. Paul.....	2,746
1907—Paterson, St. Paul.....	2,781
1908—Ahrens-Buschel, St. Paul.....	2,789
1909—Doris, St. Paul.....	2,653
1910—Chalmers-Detroit, Chicago.....	2,760
1911—Capitols, St. Paul.....	2,849
1912—Americans, St. Paul.....	2,905

TWO-MAN TEAMS.

1903—Olness-Woolley, Minneapolis.....	1,213
1904—Hansen-Parker, Minneapolis.....	1,174
1905—Woolley-Garland, Minneapolis.....	1,277
1906—Gosewich-Muggey, St. Paul.....	1,160
1907—Listy-Ferguson, Duluth.....	1,196
1908—Moshofsky-Hinderer, St. Paul.....	1,246
1909—Yost-Miller, St. Paul.....	1,195
1910—Martin-Vandertunk, St. Paul.....	1,246
1911—Martin-Vandertunk, St. Paul.....	1,308
1912—Lee-De Vos, Milwaukee.....	1,222

INDIVIDUALS.

1903—Skorish, St. Paul.....	674
1904—Olness, Minneapolis.....	698
1905—Kampman, St. Paul.....	636
1906—Werner, Winona.....	639
1906—G. Olson, Duluth.....	589
1907—Woolley, Minneapolis.....	617
1908—Campbell, Duluth.....	622
1909—Dolan, Minneapolis.....	636
1910—Johnson, Minneapolis.....	618
1911—Con Sandblom, St. Paul.....	693
1912—F. L. Trainer, Sioux City.....	642

ILLINOIS STATE CHAMPIONSHIP.

The fifteenth annual Illinois state bowling tournament was held in Chicago April 20-May 11, 1912. The five-man event was won by the Bruck's league team with a score of 2,884. The two-man event was won by Harry Ruth and Fred Collins with a score of 1,256 and the individual event by George Haug with 671. Fred Collins was the leader in all events with a score of 1,826. Record in each event to date:

FIVE-MAN TEAMS.

Score.

1898—Interclub league, Chicago.....	2,425
1899—Interclub league, Chicago.....	2,581
1900—Chicago league, Chicago.....	2,574
1901—Chicago league, Chicago.....	2,544
1902—Chicago league, Chicago.....	2,900
1903—South Chicago league, Chicago.....	2,875
1904—Chicago league, Chicago.....	2,853
1905—West Side Business Men's league, Chicago.....	2,855
1906—Bensingers, Chicago.....	2,882
1907—Lake View league, Chicago.....	2,920
1908—Howard Majors, Chicago.....	2,857
1909—Lincolns No. 1, Chicago.....	2,960
1910—Lipmans, Chicago.....	2,977
1911—Chalmers-Detroit.....	2,865
1912—Bruck's league, Chicago.....	2,884

TWO-MAN TEAMS.

1904—O. W. Schmidt-H. Steers.....	1,269
1905—P. Ward-D. McGuire.....	1,216
1906—C. H. Wood-F. Bartsch.....	1,270
1907—F. Bomer-G. Bomer.....	1,223
1908—Jack Hoffenkamp-H. Glassner.....	1,339
1909—J. J. Zust-W. P. Gomph.....	1,249
1910—Phil Wolf-Jack Reilly.....	1,213
1911—Louis Levine-Fred Bliss.....	1,269
1912—Harry Ruth-Fred Collins.....	1,256

INDIVIDUALS.

1898—W. B. Hanna, Chicago.....	*172 5-6
1899—H. E. Shepard, Chicago.....	*190
1900—W. V. Thompson, Interclub.....	*197 11-12
1901—Fred Worden, Ansonia.....	*201 7-9
1902—J. E. Berlin, Sheridan.....	*201 7-9
1903—Fred Worden, Star.....	642
1904—Andrew Hall, Chicago.....	630
1905—R. Wienold, Monroe.....	711
1906—James Foley, Union.....	662
1907—C. Heitschmidt, Lake View.....	649
1908—Dan Ward, Tossettis.....	687
1909—Otto A. Kupfer, Southwest.....	678
1910—Andrew Hall, Chicago.....	725
1911—Arthur Anderson, Lake View.....	665
1912—George Haug, Chicago.....	671

BEST AVERAGE NINE GAMES.

1904—H. Steers, Chicago.....	1,803
1905—A. Toemmel, Chicago.....	1,769
1906—D. Woodbury, Chicago.....	1,826
1907—August Trapp, Chicago.....	1,851
1908—Edie Meyer, Minneapolis.....	1,831
1909—Sylvester A. Murray, Chicago.....	1,841
1910—Phil Wolf, Chicago.....	1,836
1911—W. V. Thompson, Chicago.....	1,882
1912—Fred Collins, Chicago.....	1,826

*Averages.

CHAMPIONSHIP OF CHICAGO.

Leading winners and scores in the Chicago bowling championship season ending Dec. 8, 1911:

FIVE-MAN TEAMS.	
Goodfriends	2,990
Lipmans	2,982
Ashlands	2,976
Howard Majors	2,952
Geroux	2,923
Seng's Springs	2,897
O'Leary No. 1	2,889
W. J. Moxleys	2,866
Deacon Howleys	2,865
First Regiment	2,863
Colonnas	2,862
South Chicago	2,823
Conf'l and Com'rc	2,823
Engineers	2,804
Bull Frogs	2,796
Diocesan Union	2,794

TWO-MAN TEAMS.	
Blouin-Rolfe	1,312
Kupfer-Pudewa	1,280
Ringwald-Jenkins	1,274
Marwede-Shiel	1,260
Lippert-Steinmiller	1,233
Smith-Thilmann	1,233
Ward-Graf	1,231
Rosendal-Stevens	1,223
Danek-Hradek	1,220
Holmberg-Closman	1,219

INDIVIDUALS.	
N. Nelson	711
W. Spencer	697
L. Levine	690
R. Rolfe	682
J. Kurch	678
E. Schneider	657
M. Omsberg	672
P. Wolf	670
M. Faetz	667
G. Zimmerman	664

CHAMPIONSHIP RECORDS.

Five-Man.	
1904-5—Hofmanns	2,885
1905-6—Kloempkens	2,874
1906-7—Quirk No. 1	2,890
1907-8—Eclipse	2,827
1908-9—Lederers	2,865
1909-10—Roller Planos	2,961
1910-11—Seng's Springs	2,899
1911 (December)—Goodfriends	2,990

Two-Man.	
1904-5—Meyer-Peterson	1,283
1905-6—Faetz-Schneider	1,221
1906-7—Woodbury-Stolke	1,246
1907-8—Ehlman-Weeks	1,240
1908-9—Peiffer-Steers	1,250
1909-10—Fleuer-Cor	1,293
1910-11—Nelson-Metcalf	1,303
1911 (December)—Blouin-Rolfe	1,312

Individuals.	
1904-5—George A. Rost	671
1905-6—Robert Wienold	659
1906-7—James Hartwell	673
1907-8—Charles Nelson	684
1908-9—E. D. Peifer	659
1909-10—H. A. Walker	697
1910-11—R. Kirch	676
1911 (December)—Ned Nelson	711

All Events.	
1905—Eddie Meyer	1,845
1906—Matt Faetz	1,876
1907—D. Woodbury	1,957
1908—James Blouin	1,912
1909—Charles Langmayer	1,892
1910—H. A. Walker	1,942
1911—A. Toemmel	1,902
1911 (December)—Ned Nelson	1,870

ROLLER SKATING.

AMERICAN RECORDS.

100 yards—10, Henry Becker, Chicago, 1910.
$\frac{3}{4}$ mile—36, Fred Tyrrell, Chicago, 1909.
$\frac{1}{2}$ mile—1:15, Allie Moore, Chicago, 1908.
$\frac{1}{4}$ mile—2:25, Clarence Hamilton, Chicago, 1912.
1 mile—5:04 $\frac{1}{2}$, John Flannery, Chicago, 1908.
3 miles—7:55 $\frac{1}{2}$, Allie Moore, Chicago, 1908.
10 miles—33:20, L. Bierwirth, San Francisco, 1909.

AMATEUR CHAMPIONSHIP.

Leon Kimm of Grand Rapids, Mich., won the world's one mile amateur championship roller skating race at Riverview rink, Milwaukee, Wis., March 31, 1912, in 3:04 $\frac{1}{2}$. Carl Carlson of Chicago was second and Emil Eichstedt of Milwaukee third.

PROFESSIONAL CHAMPIONSHIPS.

Harley Davidson of St. Paul, Minn., won the one mile professional roller skating championship at the Riverview rink, Milwaukee, Wis., April 17, 1912, in 3:02 $\frac{1}{2}$, and also the ten mile championship at the same place, April 21, in 32:31 $\frac{1}{2}$. The five mile race was won by Jesse Carey of Reading, Pa., April 21, in 16:05 $\frac{1}{2}$.

BILLIARDS.

AMATEUR 18-2 CHAMPIONSHIP.

NATIONAL.

In the national amateur 18-2 billiard tournament held in New York city Jan. 29-Feb. 10, 1912, Morris Brown of Brooklyn was the winner. Final standing:

Player.	W.	L.	H. R.	H. A.	G. A.
Brown	1	88	12	4-33	8 184-276
Poggenburg	4	2	85	11 26-34	9 55-245
Collins	4	2	77	13 23-29	9 41-241
Mayer	3	3	85	10 20-38	8 142-256
Conklin	3	3	65	12 16-22	10 82-215
Douglas	1	5	61	10 26-34	7 163-225
Uffenheimer	1	5	64	11 15-29	7 103-219

Until 1908 the amateur billiard championship was decided at the 14-2 balkline game of 300 points. In that year it was changed to the 18-2 game of 400 points now played. Following is the championship record since the tournaments were started:

1901—A. R. Townsend, New York.
1902—Edward W. Gardner, Montclair, N. J.
1903—W. P. Foss, Haverstraw, N. Y.
1904—J. F. Poggenburg, New York.
1905—C. F. Conklin, Chicago.
1906—Edward W. Gardner, Montclair.
1907—Calvin Demarest, Chicago.
1908—Calvin Demarest, Chicago.
1909—H. A. Wright, San Francisco.
1910—Edward W. Gardner, Montclair.
1911—J. F. Poggenburg, New York.
1912—Morris Brown, Brooklyn.

INTERNATIONAL.

The third international amateur 18-2 balkline billiard tournament was played in New York Feb. 12-20, 1912. J. F. Poggenburg was the winner, defeating C. F. Conklin in the playoff of the tie for first place by 400 to 191. The standing before the playoff was:

Player.	W.	L.	H. R.	H. A.	G. A.
Poggenburg	1	92	16		11 162-166
Conklin	4	1	95	14 22-27	10 111-186
Mayer	2	3	84	10 12-26	9 134-180
Gardner	2	3	60	11 4-36	8 32-223
Mial	2	3	63	12 4-33	7 164-210
	1	4	64	11 11-24	8 199-201

Championship record:

1908—Calvin Demarest, Chicago.
1911—C. F. Conklin, Chicago.
1912—J. F. Poggenburg, New York.

In an international 18-2 amateur balkline billiard tournament in Paris, France, the standing at the close April 2, 1912, was:

Player.	W. L.	Player.	W. L.
Mortier, France	3 1	Roudil, France	5 4
Darantier, France	6 3	Poggenburg, America	3 6
Maura, Belgium	5 4	Labourel, France	2 7
Agassiz, Switzerland	5 4	De Dree, France	1 8
Poengsen, Germany	5 4		

PROFESSIONAL 18-2 CHAMPIONSHIP.

In a game for the professional championship in 18-2 balkline billiards, played in New York city Feb. 7, 1912, Willie Hoppe of New York defeated George Sutton of Chicago by a score of 500 to 280. Summary:

Hoppe—12, 57, 36, 25, 3, 0, 33, 1, 4, 0, 96, 14, 88, 2, 46, 5, 73.
Total, 500. Average, 29 1-17. High runs, 99, 88, 78.
Sutton—1, 16, 47, 0, 67, 0, 0, 21, 1, 0, 12, 26, 5, 0, 3, 50, 21. Total, 280. Average, 16 8-17. High runs, 67, 50, 47.

In a contest for the 18-2 professional billiard championship of the world, played in New York, N. Y., April 11, Willie Hoppe defeated Calvin Demarest of Chicago by a score of 500 to 440. Summary:

Hoppe—5, 24, 24, 9, 17, 14, 0, 2, 1, 1, 0, 13, 0, 6, 66, 14, 54, 27, 1, 6, 4, 34, 0, 25, 8, 2, 28, 0, 1, 0, 15, 45, 52, 0, 3. Total, 500. Average, 14 10-35. High runs, 66, 54, 52.
Demarest—0, 8, 14, 7, 47, 40, 6, 10, 1, 2, 0, 45, 2, 0, 3, 2, 3, 23, 2, 1, 0, 98, 11, 0, 5, 51, 0, 2, 2, 43, 5, 1, 3. Total, 440. Average, 12 32-34. High runs, 98, 61, 47.

Referee—Albert Cutler of Boston.

In Philadelphia, Pa., June 4, Hoppe defeated Harry Cline by a score of 500 to 396.

PROFESSIONAL 18-1 CHAMPIONSHIP.

In a game for the professional 18-1 balkline billiard championship of the world, played in New York city March 15, 1912, George Sutton of Chicago defeated Willie Hoppe of New York, holder of the title, by a score of 500 to 374. Score in detail: Sutton—0, 13, 14, 0, 2, 6, 1, 31, 104, 6, 7, 9, 3, 0, 0, 0, 11, 8, 0, 0, 17, 12, 20, 10, 12, 0, 13, 0, 0, 0, 17, 0, 10, 2, 0, 14, 0, 25, 2, 0, 30, 1, 23, 69, 7, 3, 2, 19, 3. Total, 500. Average, 10. High runs, 104, 69, 30. Hoppe—28, 8, 0, 1, 6, 2, 1, 0, 67, 3, 0, 26, 0, 26, 1, 0, 8, 0, 0, 6, 5, 2, 4, 25, 0, 4, 3, 1, 3, 0, 5, 1, 1, 1, 13, 9, 2, 1, 34, 2, 0, 5, 9, 2, 37, 1, 13, 7, 1. Total, 374. Average, 7.31-49. High runs, 67, 37, 34.

Referee—Harry Cline of Philadelphia.

Ora C. Morningstar of Pittsburgh defeated George Sutton of Chicago for the title in Chicago May 13, 1912, by a score of 500 to 463, as follows:

Morningstar—0, 2, 0, 0, 6, 0, 0, 13, 6, 2, 9, 1, 4, 8, 11, 1, 0, 6, 7, 0, 0, 21, 4, 8, 8, 4, 1, 0, 25, 6, 0, 40, 10, 1, 16, 0, 3, 1, 22, 22, 0, 18, 29, 12, 56, 9, 0, 0, 6, 4, 4, 14, 8, 0, 16, 7, 0, 10, 0, 41, 1. Total, 500. Average, 8-4-62. High run, 56.

Sutton—0, 2, 0, 13, 0, 11, 51, 10, 1, 15, 39, 1, 1, 0, 23, 22, 1, 11, 0, 2, 4, 2, 1, 0, 4, 2, 64, 3, 8, 3, 12, 0, 2, 0, 1, 0, 0, 1, 0, 4, 0, 0, 36, 13, 6, 9, 0, 1, 4, 13, 2, 16, 0, 0, 28, 3, 2, 1, 0, 15, 0. Total, 463. Average, 7-36-61. High run, 64.

Referee—Fred Conklin of Chicago.

THREE CUSHION BILLIARDS.

NATIONAL LEAGUE SERIES.

The National Billiard league's three cushion season, ending April 13, resulted in a tie for first place between Chicago and Kansas City, each having won 29 and lost 13 games. The standing of the clubs was:

	W. L.		W. L.
Chicago	29 13	Philadelphia	20 22
Kansas City	29 13	Brooklyn	19 23
New York	22 20	St. Louis	16 26
Pittsburgh	21 21	Boston	12 30

In playing off the tie Chicago won, taking three games out of four.

THREE CUSHION CHAMPIONSHIP.

John Horgan of St. Louis won the title of world's three cushion billiard champion March 14, 1912, by defeating Joe Carney of San Francisco, Cal., in a match contest of 150 points at Denver. The final score was: Horgan, 150; Carney, 127.

In St. Louis April 25-27, Horgan defeated John Daly of New York by a final score of 150 to 132.

In a 150 point game played in blocks of fifty points each in Denver, Col., Jan. 10-12, 1912, for the 18-2 three cushion billiard championship of the world Joseph Carney of San Francisco defeated Alfred de Oro of New York by the final score of 150 to 148.

POCKET BILLIARD CHAMPIONSHIP.

Edward Ralph of Hightstown, N. J., won the national pocket billiard match at Philadelphia, Pa., April 6, 1912, by defeating James Maturo in the final round of the tournament. The standing of the players at the close was:

	W. L.		W. L.
Ralph	7 0	Weston	3 4
Maturo	6 1	Wilson	2 5
De Oro	5 2	King	1 6
Sherman	4 3	De Langh	0 7

Alfredo de Oro challenged Ralph for the world's championship and the contest took place in Trenton, N. J., June 12-14, 1912. De Oro was the winner by a score of 600 to 408.

SKI JUMPING.

NATIONAL TOURNAMENT.

The annual national ski tournament of the United States took place at Cary, Ill., Jan. 27-28, 1912. In the professional class Lars Haugen of Chippewa Falls, Wis., was the winner with jumps of 121 and 123 feet, giving him 262 points. Sigurd Hansen of Fergus Falls, Minn., was second with 259½ points, his jumps being 112 and 113 feet. Ole Feiring of Duluth made the longest jumps—124 and 128 feet—but failed to keep his feet on the second jump, thereby losing thirty points. The standing long jump was won by Sigurd Hansen with 119 feet.

SCORES OF PROFESSIONALS.

	Feet.	Feet.	Points.
Lars Haugen	121	123	262
S. Hansen	112	113	259½
E. Landvik	111	115	257½
O. Feiring	124	128	246½
A. Nordby	107	106	243
B. Riley	110	107	242½
L. Bugaard	105	102	235
F. Kempe	94	105	228
A. Haugen	114	115	221½
D. Ek	92	99	219½
T. H. Schoyen	99	97	211
J. Gjerstad	110	109	210

Carl Solberg of St. Paul won the amateur championship with jumps of 111 and 113 feet, giving him 257½ points. T. Jensen was second with two jumps of 107 feet each, his score being 243½ points.

SCORES OF AMATEURS.

	Feet.	Feet.	Points.
C. Solberg	111	113	257½
T. Jensen	107	107	243½
R. Omtvedt	107	108	243
S. Bergersen	96	108	228½
I. Sands	101	95	223
A. Olson	97	94	221½
J. Blegen	103	103	219½
E. Herstad	96	92	219
S. Welhaven	102	96	217½
H. Hansen	90	91	212
A. Sletner	84	86	209½
N. Floan	104	97	200

The national tournament of 1913 will be held at Ironwood, Mich. The officers of the National Ski association are: President, Dr. C. H. Mason of Superior; vice-president, N. A. Nelson of Stillwater, Minn.; secretary, Askel Holter of Ashland, Wis.; treasurer, H. H. Borgen of Duluth.

SKI MEETING AT BELOIT.

At the dedication of the Beloit Ski club's new slide Jan. 31, 1912, Sigurd Hansen of Fergus Falls, Minn., made a jump of 144 feet, the longest of the season. In the professional class Jacob Gestad of Stoughton, Wis., won first prize. In the amateur class Carl Solberg of St. Paul, Minn., was first.

ILLINOIS AMATEUR CHAMPIONSHIP.

Ragnar Omtvedt, representing the Norge Ski club of Chicago, won the Illinois state ski championship at the tournament held at Cary, Ill., Feb. 18, 1912. Following were the prize winners and their records:

	Trial.	1st.	2d.	Points.
R. Omtvedt	120	118	123	244½
E. Anderson	106	108	99	233½
A. Sletner	102	98	98	231
E. Schenke	111	100	214	
T. Jensen	120	121	120	212½
E. Jensen	105	102	99	200½

AMERICAN RECORD TIED.

At a tournament in Ironwood, Mich., Feb. 18 Sigurd Hansen (professional) of Fergus Falls, Minn., made a leap of 152 feet, equaling the American record. James Prosthuis, amateur, of Ishpeming jumped 156 feet, but fell in alighting.

SHOOTING.

RIFLE COMPETITION.

SEAGIRT TOURNAMENT.

The twenty-second annual Interstate shooting tournament of the New Jersey State Rifle association took place at Seagirt, N. J., Aug. 24-Sept. 7, 1912. The president's match, carrying with it the military championship of the United States, was won by Corporal Cedric M. Long of the 5th Massachusetts regiment. The match was shot in two stages, one consisting of a skirmish run of 20 shots, 10 shots at 200 yards, surprise fire, and 10 shots at 600 yards, slow fire, and the other consisting of 10 shots at 100 yards, slow fire. Corporal Long's score was 235. Sergt. King was second with 231. Winners of other principal events:

Hayes match—Won by Sergt. F. H. Kean, Massachusetts; score, 50.

Swiss match—Won by Capt. Richards, Ohio; score, 17 bull's-eyes.

Nevada trophy match—Won by Sergt. Schofield; score, 140.
 Columbia trophy match—Won by team from 2d regiment, New Jersey; score, 763.
 Gould individual rapid fire match—Won by Sergt. Jackson, U. S. M. C.; score, 140.
 Tyro match—Won by Private Barnes, U. S. M. C.; score, 136.
 Interstate regimental team match—Won by 53d Iowa; score, 818.
 Championship regimental team match—Won by 1st Infantry, District of Columbia; score, 754.
 Leach cup—Won by Sergt. Kean of Massachusetts; score, 104.
 Sadler match—Won by Massachusetts state rifle team; score, 1,701.
 Dryden trophy match—Won by Massachusetts with a score of 1,104 out of a possible 1,200. The District of Columbia was second with 1,085.
 Seagirt championship of 1912—Won by Sergt. Frank Kean of Massachusetts with a score of 194 out of a possible 200.
 Press match—Won by A. E. Gartz, Wisconsin; score, 48.
 Wimbledon cup match—For long range championship of the United States, 20 shots at 1,000 yards; won by A. L. Briggs, U. S. Infantry; score, 97.
 Spencer match—Fifteen shots at 1,200 yards; won by Corporal E. H. Major; score, 69.

THE PALMA TROPHY.

In a contest for the Palma trophy at Ottawa, Ont., Sept. 14, the rifle team representing the United States won with a score of 1,720 to 1,712 for the Canadian team. The match was fifteen shots at ranges of 800, 900 and 1,000 yards, with two sighters allowed. The best individual score was made by Sergt. G. W. Russell of Ottawa, who made 222 out of a possible 225, a world's record. Score of match:

	800	900	1,000	
	Yds.	Yds.	Yds.	Total.
United States team.....	800	900	1,000	
Lieut.-Col. Tewes.....	74	72	68	214
Capt. Casey.....	75	72	69	216
Maj. Martin.....	74	69	70	213
J. W. Hessian.....	74	73	69	216
Musician Chosley.....	73	71	68	212
Capt. Eddy.....	73	72	71	216
Sergt. Keough.....	75	71	71	217
Sergt. Kean.....	72	71	73	216
Total.....	590	571	559	1,720
Canadian team—				
Q. M. S. McInnis.....	75	69	70	214
Capt. N. Smith.....	74	73	71	218
Sergt. Russell.....	75	74	73	222
Lieut. Morris.....	75	72	69	216
Sergt. Freborn.....	74	69	68	211
Sergt. Kelly.....	73	62	70	205
Lieut. Steck.....	73	73	60	215
Sergt. W. A. Smith.....	74	69	68	211
Total.....	593	561	558	1,712

Record of event:

Year.	Country.	Score.	Year.	Country.	Score.
1876—United States.....	1902—Britain.....	1,447			
1877—United States.....	1903—United States.....	1,570			
1880—United States.....	1907—United States.....	1,712			
1901—Canada.....	1912—United States.....	1,729			

COMPETITION IN ARGENTINA.

In an international rifle shooting competition held in Buenos Aires, Argentine Republic, ending May 30, 1912, the team representing the United States carried off the chief prize with a score of 4,729 points. The Argentine team was second with 4,598 points. Capt. S. W. Wise of the Massachusetts national guard had the best individual score, 283 points. Senor Fernandez of Argentina was second with 280 points.

BISLEY MEETING.

The king's prize at the Bisley meeting, England, ending July 20, 1912, was won by Private A. G. Fulton of the queen's Westminsters with a total score of 335 points. Chaplain J. G. Penn of the 5th Essex was second with 334 points. In addition to the king's prize of \$1,250, Private Fulton won the National Rifle association's gold medal and a gold badge. Lieut.-Col. H. A. Mann won the St.

George's challenge vase, the dragon cup and gold cross with 118 points. The Queen Mary prize for class B territorials was won by Corporal B. H. D. Hurst, 1st Wessex R. E., with a score of 164.

REVOLVER AND PISTOL SHOOTING.

AT SEAGIRT TOURNAMENT, AUG. 24-SEPT. 7, 1912.

Revolver match for teams of five—50 yards, 15 shots deliberate, fire 1 shot a minute and 15 shots in three strings of 5 and 10 seconds for each string; won by Manhattan Rifle and Revolver club of New York with 1,034; second, first squadron, 1st cavalry of New York, 1,021.

All comers' squadron military revolver match—15 shots deliberate fire at 50 yards; won by A. P. Lane of New York with 131.

All comers' squadron rapid fire match—Three strings of five shots each, 10 seconds for each string at 50 yards; won by J. H. Snook of Ohio with 124.

All comers' squadded revolver match—15 shots, deliberate fire; won by E. G. Reising, Connecticut, with 137.

J. H. Snook of Ohio was the winner of the grand aggregate prize in the squadded pistol events, open throughout the tournament.

TRAP SHOOTING.

GRAND AMERICAN HANDICAP.

The thirteenth annual Grand American handicap shoot at inanimate targets took place at Springfield, Ill., July 18-21, 1912. The winner of the main event, the handicap, was W. E. Phillips of Chicago. He and H. D. Duckham of Kenton, O., were tied with a score of 96 each. In the shoot-off the former had a score of 17 out of 20, while the latter got only 15 out of 20. Both shot from the 19 yard mark. Following were the high guns having a score of more than 92 each:

	Score.	Prize.
W. E. Phillips.....	96	\$1,000.00
H. D. Duckham.....	96	287.30
M. Knuessel.....	95	255.35
W. S. Hoon.....	94	191.50
M. L. Lippott.....	94	191.50
A. Meaders.....	94	191.50
L. Eichhorn.....	93	75.80
H. E. Snyder.....	93	75.80
Mark Arle.....	93	75.80
A. C. Connor.....	93	75.80
R. F. Appelman.....	93	75.80
W. Baggerman.....	93	75.80
J. A. Campbell.....	93	75.80
C. F. Moore.....	93	75.80

W. S. Hoon of Jewell, Iowa, won the preliminary handicap from the 19 yard line with a score of 94. He was tied with Lee R. Stockley of Chicago, James G. Gray of Bloomington, Ill., and C. E. Orr of Alton, Ill., and in the shoot-off he won with 18 out of 20. Those making 93 or better in the preliminary handicap were:

	Score.	Prize.
W. S. Hoon.....	94	\$129.00
J. G. Gray.....	94	109.65
Lee Stockley.....	94	109.65
C. E. Orr.....	94	90.30
A. C. Connor.....	93	47.30
F. Campbell.....	93	47.30
R. H. Bruns.....	93	47.30
C. H. Peck.....	93	47.30
L. Halversen.....	93	47.30
A. Skinner.....	93	47.30

The national amateur championship on singles, 200 targets, was won by E. W. Warner of Adams, Neb., who made a score of 192. He was tied with W. S. Hoon of Jewell, Iowa, and won in the shoot-off when he made 19 out of 20. Other high guns were:

A. F. MacLachlan.....	191	Mark Arle.....	188
C. B. Eaton.....	190	H. W. Kahler.....	188
G. T. Hall.....	189	R. Gestell.....	188
F. G. Fuller.....	188	G. Volk.....	188

The amateur championship on doubles was won by Mark Arle of Thomasboro, Ill., with a score of 89 out of 100. The professional championship on double targets was won by Fred Gilbert with a score of 84, after he had shot off ties with Ed O'Brien, J. S. Day and Walter Huff.

The national professional championship, 200 single targets, was won by W. E. Crosby of O'Fallon, Ill., with a score of 198. The six high guns were:

	Score.	Prize.
W. R. Crosby.....	198	\$152.00
H. O. Heikes.....	195	106.40
Fred Gilbert.....	195	106.40
J. S. Day.....	192	66.85
Ed O'Brien.....	192	66.85
W. H. Heer.....	191	48.65
F. C. Riehl.....	190	30.40
H. D. Freeman.....	189	30.40

The Consolation handicap was won by Dr. J. R. Leib of Springfield, Ill., with a score of 94 and 20 straight in shooting off a tie with C. A. Galbraith of Bay City, Mich.

Grand American handicap winners to date:

Year.	Winner.	Score.	Year.	Winner.	Score.
1900	E. O. Heikes.....	91	1907	J. J. Blanks.....	96
1901	E. C. Griffith.....	95	1908	F. Harlow.....	92
1902	C. W. Floyd.....	94	1909	Fred Shattuck.....	96
1903	M. Dieffenderfer.....	94	1910	R. Thompson.....	100
1904	R. D. Guptill.....	96	1911	Harvey Dixon.....	99
1905	R. R. Barber.....	99	1912	W. E. Phillips.....	96
1906	S. E. Rogers.....	94			

WESTERN HANDICAP.

The seventh annual handicap shooting tournament under the auspices of Interstate association took place at Kansas City, Mo., Aug. 13-15, 1912. The main event was won by Frank Campbell of Wauke, Iowa, with a score of 94 from 20 yards. The largest aggregate score for the three days made by an amateur was 391 by C. B. Eaton, and the largest aggregate score by a professional was 395 by William Heer. Winners of Western handicap to date:

Year.	Winner.	Score.	Year.	Winner.	Score.
1906	W. R. Crosby.....	97	1910	J. E. Dickey.....	96
1907	T. E. Graham.....	99	1911	William Ridley.....	99
1908	B. F. Elbert.....	97	1912	F. Campbell.....	94
1909	F. H. Bailey.....	97			

EASTERN HANDICAP.

The seventh annual Eastern handicap shooting tournament under the auspices of the Interstate association was held at Bradford, Pa., July 9-11, 1912. C. D. Henline and F. Korner of Bradford, Pa., shooting at 20 yards distance, and T. J. Wallis of Sharon, Pa., shooting from the 16 yard mark, tied with a score of 96 out of a possible 100 targets. In the shoot-off Henline won by making a score of 19 out of 20. Wallis was second and Korner third.

Fred Gilbert of Spirit Lake, Iowa, holder of the Hazard Double Target Challenge Championship trophy, retained possession of it by defeating Fred G. Bilis of Chicago, challenger, by a score of 180 to 152. The men shot at 100 double targets. Winners of the Eastern handicap to date:

Year.	Winner.	Score.	Year.	Winner.	Score.
1906	H. E. McMurthey.....	93	1910	C. H. Newcomb.....	97
1907	R. H. Bowser.....	93	1911	H. L. David.....	96
1908	G. L. Lyon.....	91	1912	C. D. Henline.....	96
1909	H. E. Lyth.....	98			

PACIFIC COAST HANDICAP.

The seventh Pacific Coast handicap took place at Portland, Ore., Aug. 27-29, 1912. The winner of the handicap shoot was Dr. M. M. Bull of Eugene, Ore. He and R. H. Bungay were tied with 93 each. The men divided the purse and in the shoot-off Dr. Bull scored 19 out of a possible 20, while Mr. Bungay made 18. The Chingren Challenge trophy was won by Fred Moeller with a score of 96.

GRAND CHICAGO HANDICAP.

The third annual Grand Chicago handicap shoot took place at the traps of the Chicago Gun club June 15-16, 1912. Henry Carstens of Lowell, Ind., won by defeating Lee Stockley of Chicago, 18 to 16, in the shoot-off of a tie, each man having made 93 out of a possible 100. Carstens shot from the 16 yard mark and Stockley from the 18 yard mark. The scores of contestants making more than 89 points follow:

Contestants.	Handi- cap.	1.	2.	3.	4.	5.	Total sc.
H. Carstens.....	16	19	18	19	18	19	92
L. Stockley.....	18	18	19	20	19	17	93
P. J. Graham.....	19	19	18	18	18	18	91
A. F. MacLachlan.....	20	18	17	19	19	18	91

Contestants.	Handi- Event numbers.					Total
	cap. 1.	2.	3.	4.	5. sc.	
W. Wettlaef.....	21	19	17	20	18	90
C. B. Helm.....	18	16	19	18	19	90
W. E. Phillips.....	13	18	17	18	19	90
A. Vance.....	18	18	19	15	19	90
P. J. Kruger.....	16	19	18	19	17	90
B. L. Kammerer.....	16	18	19	19	17	90
J. E. Lane.....	16	18	19	17	19	90
F. A. Graper.....	16	20	17	17	19	90
E. N. Gregg.....	17	16	19	18	19	90
G. Roll.....	20	18	19	17	18	89

Among the professionals J. R. Taylor of Columbus, O., was high gun with a score of 93. He shot from the 22 yard mark.

Grand Chicago handicap winners to date:

1910	Albert Southard, Peconica, Ill.....	94
1911	W. F. Riley, Chicago, Ill.....	93
1912	Henry Carstens, Lowell, Ind.....	93

DENVER HANDICAP.

The Denver handicap tournament, held under the auspices of the Rocky Mountain Interstate Sportsmen's association, took place at Denver, Col., Sept. 10-13, 1912. The preliminary handicap was won by Harry Whitney with a score of 98 out of 100 from 19 yards. In this event W. R. Crosby broke 98 targets out of 100 from the 23 yard mark, establishing a new world's record. The Denver handicap was won by C. B. Eaton with a score of 97 out of 100 from 23 yards, making 20 straight and 19 out of 20 in the shoot-off. Charles G. Spencer was high for all targets with a score of 769 out of a possible 800. The high amateur for all targets was S. H. Huntley with a score of 760 out of a possible 800.

AMATEUR TRAP CHAMPIONSHIP.

The amateur trap shooting championship of the United States was won by B. M. Higginson of New York, N. Y., at the annual national tournament, held at Travers Island, New York, April 4, 1912. His score was 185. The leading amateur and professional scores were:

Amateurs—B. M. Higginson, New York, A. C., 185; J. H. Hendrickson, Jamaica, L. I., 184; E. A. Randall, Portland, Me., 183; A. B. Richardson, Dover, Del., 182; F. A. Hodgman, N. Y. A. C., 181; A. Nell, Allentown, Pa., 181; Stuart Scott, Larchmont, N. Y., 181; H. W. Kahler, Philadelphia, 180; C. H. Newcombe, Philadelphia, 180; E. E. Reed, Boston, 178; A. L. Ivins, Red Bank, N. J., 175.

Professionals—L. S. German, Aberdeen, Md., 183; G. L. Lyon, Durham, N. C., 183; J. M. Hawkins, Baltimore, 183; J. T. Skelly, Wilmington, Del., 182; H. S. Welles, New York, 181; Neaf Apgar, Plainfield, N. J., 177; H. H. Stevens, Roselle Park, N. J., 175.

The winner in 1911 was Harry W. Kahler of Philadelphia, who made a score of 173.

WEST HOGAN SHOOT.

In the annual West Hogan shoot, held at Atlantic City, N. J., Sept. 17-21, 1912, the singles championship was won by Charles H. Newcombe, who defeated J. B. McHugh after they had tied with a score of 99 out of a possible 100. The doubles championship was won by Allen Heil with a score of 91 out of 100. Newcombe won the high general average, defeating Harry Buckwalter, 24 to 23, after a tie of 431 out of 450. Lester S. Hogan won the high professional average with 437 out of 450.

MISCELLANEOUS TOURNAMENTS.

New York state tournament, held at Syracuse, N. Y., June 11-13, 1912. The Greater New York cup was won by Onondaga team No. 1 with a score of 134 out of 200. The Audubon club won the Dean Richmond cup.

New Jersey state tournament, held at Newark, N. J., June 6-8, 1912. The three-man team shoot, 50 targets per man, was won by the Orange team with a score of 137. Smith team No. 1 was second with 127. W. H. Kahler, amateur, broke 431 targets out of 450.

Maine state shoot, held at Haines Landing, Me., June 4-6. The best average was made by L. W. Colquitt of East Orange, N. J., 550 out of 600.

The five-man team championship was taken by the Portland Gun club's team No. 1 with a score of 416. New York won the intercity team contest with a score of 453.

Alabama state shoot, held at Birmingham Aug. 6-7. W. T. Laslie of Tuskegee, Ala., won the championship event with a score of 99 at 100 single targets. J. K. Warren had the highest amateur average, 282.

Wisconsin and upper Michigan peninsula state shoot, held Aug. 3-4 at Green Bay, Wis. F. G. Fuller and F. J. Dreyfus tied for the championship with scores of 97 out of 100. Fuller winning the shoot-off with 25 to 24 for Dreyfus.

Minnesota state shoot, held at Warroad July 25-26. M. A. Nashold was high man among the amateurs with a score of 270 out of 300. R. R. Barber led the professionals with 273 out of 300.

ARCHERY.

(By Dr. Edward B. Weston, Chicago.)

The National Archery association of the United States held its thirty-fourth annual meeting in Boston, Mass., Aug. 13, 14, 15, 16, 1912. The shooting took place in Soldiers' field, the Harvard athletic grounds. The men's championship was won by George Phillips Bryant of Boston and the women's by Mrs. Lillian Witwer Taylor of Chicago. The Boston archers won the men's and the women's team championships. The leading scores:

DOUBLE YORK ROUND.

	Hits.	Score.
G. P. Bryant, Boston.....	220	1,004
W. H. Wills, New York city.....	195	885
H. B. Richardson, Boston.....	196	860
Dr. R. P. Elmer, Wayne, Pa.....	176	712
H. S. Taylor, Chicago.....	159	693
H. L. Walker, Chicago.....	148	520

DOUBLE AMERICAN ROUND.

G. P. Bryant, Boston.....	177	1,153
Dr. R. P. Elmer, Wayne, Pa.....	174	1,064
H. B. Richardson, Boston.....	175	1,005
H. S. Taylor, Chicago.....	171	973
H. L. Walker, Chicago.....	168	884
W. H. Wills, New York city.....	156	830

DOUBLE NATIONAL ROUND.

Mrs. Witwer Taylor, Chicago.....	112	524
Miss Julia V. Sullivan, Chicago.....	103	477
Miss Florence M. Patrick, Oak Park, Ill.....	94	424
Miss M. A. Brownell, Brookline, Mass.....	98	388
Mrs. E. W. Frenz, Boston.....	90	380
Mrs. H. S. Taylor, Chicago.....	68	302

DOUBLE COLUMBIA ROUND.

Mrs. Witwer Taylor, Chicago.....	131	789
Miss M. A. Brownell, Brookline, Mass.....	128	694
Miss Julia V. Sullivan, Chicago.....	131	651
Miss Florence M. Patrick, Oak Park, Ill.....	116	598
Mrs. E. W. Frenz, Boston.....	122	564
Miss E. B. Spalding, Chicago.....	98	456

TEAM ROUNDS.

Boston men's team.....	324	1,618
Chicago men's team.....	307	1,419
Keystone men's team.....	242	1,022
Boston women's team.....	248	1,078
Chicago women's team.....	217	923

FLIGHT SHOOTING.

G. P. Bryant, Boston.....	229	yards
Mrs. G. P. Bryant, Boston.....	215	yards

The next meeting will be held in Boston. The officers are:

President—Burton Payne Gray, Tremont building, Boston, Mass.

Vice-Presidents—Cyrus E. Dallin, Arlington Heights, Mass.; Wallace Bryant, Boston, and Dr. O. L. Hertig, Pittsburgh, Pa.

Secretary-Treasurer—Ellis Spear, Jr., 650 Tremont building, Boston, Mass.

Executive Committee—The officers, with Dr. Edward B. Weston, Chicago; Dr. Robert P. Elmer, Wayne, Pa.; H. B. Richardson, Boston, and W. H. Wills, New York city.

WHIST.

TROPHY WINNERS SINCE 1901.

(In American Whist league.)

Trophy.	Winning club.
1901—A. W. L. Challenge.....	Minneapolis
Hamilton.....	Chicago
Minneapolis.....	Ypsilanti
1902—A. W. L. Challenge.....	Philadelphia
Hamilton.....	Cleveland
Minneapolis.....	Milwaukee
Brooklyn.....	New York
1903—A. W. L. Challenge.....	Baltimore
Hamilton.....	Cleveland
Minneapolis.....	Grand Rapids
Brooklyn.....	Michigan
1904—A. W. L. Challenge.....	Minneapolis and St. Paul
Hamilton.....	Racine, Wis.
Minneapolis.....	Scranton, Pa.
Brooklyn.....	Minnesota
1905—Hamilton.....	Chicago
Minneapolis.....	Chicago
Brooklyn.....	Chicago
1906—Hamilton.....	Brookline, Mass.
Minneapolis.....	Providence, R. I.
Brooklyn.....	New England Whist league
1907—Hamilton.....	Grand Rapids
Minneapolis.....	Chicago
Brooklyn.....	New England
1908—Hamilton.....	Boston
Minneapolis.....	Albany
Brooklyn.....	New England Whist league
1909—Hamilton.....	Boston
Minneapolis.....	Boston
Brooklyn.....	New England Whist league
1910—Hamilton.....	Chicago Whist club
Minneapolis.....	Knickerbocker Whist club, New York
Brooklyn.....	New England Whist league
1911—Hamilton.....	Scranton
Minneapolis.....	Detroit
Brooklyn.....	Atlantic Whist association
A. W. L. Challenge.....	Grand Rapids
1912—Hamilton.....	New York Bridge Whist club
Minneapolis.....	Huguenot Whist club, New York
Associate Members.....	Cincinnati

Officers of American Whist League—President, F. C. Thwaites, Milwaukee, Wis.; vice-president, C. L. Patton, New York, N. Y.; secretary, J. C. Beardslee, Cleveland, O.; corresponding secretary, H. C. Wallace, Scranton, Pa.; treasurer, E. G. Comstock, Milwaukee, Wis.

WOMAN'S WHIST CONGRESS.

The fifteenth annual congress of the Woman's Whist league took place in Philadelphia, Pa., April 30-May 2, 1912. The Washington trophy was won by the Cavendish club of Boston and the Cavendish trophy and Omaha cup by the Howell club of Boston. The Washington trophy is emblematic of the championship of the league.

Officers, 1912-1913—President, Mrs. Charles F. Bielman, Detroit, Mich.; treasurer, Miss Reed, Newark, N. J.; recording secretary, Mrs. Charles L. Taylor, Pittsburgh, Pa. The congress of 1913 will take place in Detroit.

ROQUE.

NATIONAL TOURNAMENT.

The annual tournament of the National Roque association took place at Norwich, Conn., Aug. 22-24, 1912. Eddie Clark of Springfield, Mass., retained his title of national champion by winning in the first division. L. S. Williamson of Washington, D. C., was first in the second division.

WESTERN TOURNEY.

L. H. Plummer of Chicago won the gold medal in the masters' division of a roque tourney held in Washington park, Chicago, and ending Aug. 12, 1912. As the games were not under the auspices of an incorporated body, championship honors were not official. In the second division of play C. C. Kendall of Omaha, Neb., was awarded a silver medal for the best performances in his class. The third class contests were not completed owing to rain and were called off.

Dr. W. S. Lyman of Topeka, Kas., is president and L. H. Plummer of Chicago secretary and treasurer of the Western Roque association.

PUGILISM.

Following is a list of the most noteworthy ring battles in the United States since 1882, the heavy weight championship contests being the first given:

Date.	Winner.	Loser.	Place.	Rounds.
Feb. 7, 1882.....	John L. Sullivan.....	Paddy Ryan.....	Mississippi City.....	9
July 8, 1889.....	John L. Sullivan.....	Jake Kilrain.....	Richburg, Miss.....	75
Jan. 14, 1891.....	Bob Fitzsimmons.....	Jack Dempsey.....	New Orleans, La.....	13
Sept. 7, 1892.....	James J. Corbett.....	John L. Sullivan.....	New Orleans, La.....	21
Jan. 25, 1896.....	James J. Corbett.....	Charles Mitchell.....	Jacksonville, Fla.....	3
Feb. 21, 1896.....	Bob Fitzsimmons.....	Peter Maher.....	Mexico.....	1
March 17, 1897.....	Bob Fitzsimmons.....	James J. Corbett.....	Carson City, Nev.....	14
June 9, 1899.....	James J. Jeffries.....	Bob Fitzsimmons.....	Coney Island, N. Y.....	11
Nov. 3, 1899.....	James J. Jeffries.....	Thomas J. Sharkey.....	Coney Island, N. Y.....	25
Nov. 15, 1901.....	James J. Jeffries.....	Gus Ruhlin.....	San Francisco, Cal.....	5
July 25, 1902.....	James J. Jeffries.....	Bob Fitzsimmons.....	San Francisco, Cal.....	8
Aug. 14, 1903.....	James J. Jeffries.....	James J. Corbett.....	San Francisco, Cal.....	10
Aug. 26, 1904.....	James J. Jeffries.....	Jack Monroe.....	San Francisco, Cal.....	2
July 4, 1897.....	Tommy Burns.....	Bill Squires.....	San Francisco, Cal.....	1
July 17, 1907.....	Jack Johnson.....	Bob Fitzsimmons.....	Philadelphia, Pa.....	2
Feb. 10, 1908.....	Tommy Burns.....	Jack Palmer.....	London, England.....	4
Dec. 26, 1908.....	Jack Johnson.....	Tommy Burns.....	Sydney, N. S. W.....	14
March 26, 1909.....	Stanley Ketchel.....	Jack O'Brien.....	New York, N. Y.....	10
July 5, 1909.....	Stanley Ketchel.....	Billy Papke.....	San Francisco, Cal.....	10
Sept. 9, 1909.....	Jack Johnson.....	Al Kaufman.....	San Francisco, Cal.....	10
Oct. 16, 1909.....	Jack Johnson.....	Stanley Ketchel.....	San Francisco, Cal.....	12
July 4, 1910.....	Jack Johnson.....	James J. Jeffries.....	Reno, Nev.....	15
Sept. 5, 1910.....	Al Kaufman.....	Bill Lang.....	Philadelphia, Pa.....	5
Feb. 21, 1911.....	Sam Langford.....	Bill Lang.....	London, England.....	6
Aug. 9, 1911.....	Bill Lang.....	Bill Squires.....	Sydney, N. S. W.....	5
Sept. 15, 1911.....	Jim Flynn.....	Carl Morris.....	New York, N. Y.....	10
April 8, 1912.....	Sam Langford.....	Sam McVey.....	Sydney, N. S. W.....	20
July 4, 1912.....	Jack Johnson.....	Jim Flynn.....	Las Vegas, N. M.....	9
April 30, 1901.....	Terry McGovern.....	Oscar Gardner.....	San Francisco, Cal.....	4
May 31, 1901.....	Terry McGovern.....	Aurelio Herrera.....	San Francisco, Cal.....	5
Nov. 25, 1901.....	Young Corbett.....	Terry McGovern.....	Hamford, Conn.....	2
Feb. 22, 1902.....	Terry McGovern.....	Dave Sullivan.....	Lehighville, Ky.....	15
May 23, 1902.....	Young Corbett.....	Kid Broad.....	Denver, Col.....	10
March 31, 1903.....	Young Corbett.....	Terry McGovern.....	San Francisco, Cal.....	11
July 4, 1903.....	George Gardner.....	Jack Root.....	Buffalo, N. Y.....	12
Nov. 25, 1903.....	Bob Fitzsimmons.....	George Gardner.....	San Francisco, Cal.....	20
Feb. 29, 1904.....	Young Corbett.....	Dave Sullivan.....	San Francisco, Cal.....	11
March 25, 1904.....	Jimmy Britt.....	Young Corbett.....	San Francisco, Cal.....	20
July 29, 1904.....	Battling Nelson.....	Eddie Hanlon.....	San Francisco, Cal.....	19
Feb. 28, 1905.....	Battling Nelson.....	Young Corbett.....	San Francisco, Cal.....	9
Sept. 9, 1905.....	Battling Nelson.....	Jimmy Britt.....	Colma, Cal.....	18
Sept. 3, 1906.....	Joe Gans.....	Battling Nelson.....	Goldfield, Nev.....	43
Jan. 1, 1907.....	Joe Gans.....	Kid Herman.....	Tonopa, Nev.....	2
July 31, 1907.....	Jimmy Britt.....	Battling Nelson.....	San Francisco, Cal.....	20
Sept. 9, 1907.....	Joe Gans.....	Jimmy Britt.....	San Francisco, Cal.....	5
Feb. 4, 1908.....	Rudolph Unholz.....	Battling Nelson.....	Los Angeles, Cal.....	10
April 11, 1908.....	Packey McFarland.....	Jimmy Britt.....	San Francisco, Cal.....	6
June 4, 1908.....	Stanley Ketchel.....	Billy Papke.....	Milwaukee, Wis.....	10
July 4, 1908.....	Battling Nelson.....	Joe Gans.....	San Francisco, Cal.....	17
Sept. 7, 1908.....	Billy Papke.....	Stanley Ketchel.....	Los Angeles, Cal.....	12
Sept. 9, 1908.....	Battling Nelson.....	Joe Gans.....	San Francisco, Cal.....	21
Jan. 15, 1909.....	Packey McFarland.....	Dick Hyland.....	San Francisco, Cal.....	10
Feb. 19, 1909.....	Jem Driscoll.....	Abe Attell.....	London, England.....	20
Feb. 22, 1909.....	Johnny Summers.....	Jimmy Britt.....	New York, N. Y.....	10
May 29, 1909.....	Battling Nelson.....	Dick Hyland.....	San Francisco, Cal.....	23
Feb. 22, 1910.....	Adolph Wolgast.....	Battling Nelson.....	San Francisco, Cal.....	40
Feb. 26, 1911.....	Johnny Coulon.....	Frankie Conley.....	New Orleans, La.....	20
July 4, 1911.....	Ad Wolgast.....	Owen Moran.....	San Francisco, Cal.....	13
Sept. 20, 1911.....	Matt Wells.....	Abe Attell.....	New York, N. Y.....	10
Jan. 11, 1912.....	Johnny Coulon.....	George Kitson.....	South Bend, Ind.....	3
Jan. 22, 1912.....	Johnny Coulon.....	Harry Forbes.....	Kenosha, Wis.....	3
Feb. 3, 1912.....	Johnny Coulon.....	Frank Conley.....	Los Angeles, Cal.....	20
Feb. 14, 1912.....	Packey McFarland.....	Eddie Murphy.....	South Bend, Ind.....	10
Feb. 18, 1912.....	Johnny Coulon.....	Frankie Burns.....	New Orleans, La.....	20
Feb. 22, 1912.....	Johnny Coulon.....	Abe Attell.....	Los Angeles, Cal.....	20
March 15, 1912.....	Packey McFarland.....	Kid Burns.....	Kenosha, Wis.....	8
April 26, 1912.....	Packey McFarland.....	Matt Wells.....	New York, N. Y.....	10
July 4, 1912.....	Ad Wolgast.....	Joe Rivers.....	Los Angeles, Cal.....	13
Oct. 23, 1912.....	Billy Papke.....	G. Carpentier.....	Paris, France.....	17

WRESTLING.

GOTCH VS. PLESTINA.

Frank Gotch, champion wrestler of the world, defeated Marvin Plestina at the Illinois A. C., Chicago, Feb. 3, 1912. Gotch had agreed to throw his opponent twice inside of thirty minutes and accomplished the feat with ease. He obtained the first fall in 15:33 and the second in 6:09 without exerting himself.

MAHMOUT VS. PEDERSEN.

Yussif Mahmout, Bulgarian, defeated Jess Pedersen, Dane, in a wrestling match at the Coliseum, Chicago, March 1, 1912. Mahmout took the first fall in 23:45 and the second in 8:10.

CHECKERS.

AMERICAN CHAMPIONSHIP.

In a tournament held at Cedar Point, O., Aug. 6-14, 1912, Hugh Henderson of Pittsburgh won the checker championship of America and a prize of \$300. Reynolds of Rochester, N. Y., was his opponent in the final games. Banks won first prize in the minor tourney, with Horr second and Ginsburg third.

Officers of American Checker association: President, A. W. Valentine, Rock Island, Ill.; secretary, W. M. D. Tietzel, Chatham, Ont.; treasurer, F. L. Scott, Toledo, O.

OLYMPIC GAMES OF 1912.

The sixth of the modern series of Olympic games took place in Stockholm, Sweden, June 23-July 22, 1912. The others were held in Athens, Greece, 1896; Paris, France, 1900; St. Louis, Mo., 1904; Athens, Greece, 1906; London, England, 1908. Counting by points in all events, the standing of the various countries at the close of the games was:

Country.	Points.	Country.	Points.
Sweden.....	133	Finland.....	52
America.....	129	Germany.....	47
Great Britain.....	76	France.....	32

Country.	Points.	Country.	Points.
Denmark.....	19	Australia.....	13
South Africa.....	16	Belgium.....	11
Hungary.....	16	Austria.....	6
Norway.....	16	Russia.....	6
Canada.....	13	Greece.....	4
Italy.....	13	Holland.....	3

Counting athletic field and track events only, the United States was victor by a large margin, as the following table will show:

Country.	Total points.	8,000 meter c. r. try	3,000 meter team	Javelin, both hands	Javelin, best hand	Pole vault	Hop, step and jump.	Standing broad jump	Running broad jump	Standing high jump.	Running high jump.	10,000 meter walk.	1,600 meter relay.	400 meter relay.	Decathlon.	Pentathlon.	Hammer throw.	Shot, both hands.	Shot, best hand.	Discus, both hands.	Discus, best hand.	110 meter hurdles.	Marathon race.	10,000 meter run.	5,000 meter run.	1,500 meter run.	800 meter run.	400 meter dash.	200 meter dash.	100 meter dash.
United States.....	85	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Britain*	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Russia†	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sweden	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
France	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Italy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Hungary	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Norway	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Greece	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Germany	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

*Includes Canada (7) and South Africa (5). †Points all made by Finland.

OLYMPIC DISTANCES.

1 centimeter.....	.3937 inch
1 meter.....	39.37 inches
100 meters.....	109 yards 13 inches
110 meters.....	120 yards 11 inches
200 meters.....	218 yards 2 feet 6 inches
400 meters.....	437 yards 16 inches
800 meters.....	874 yards 2 feet 9 inches
1,500 meters.....	1,640 yards 5 inches
1,600 meters.....	1,749 yards 18 inches
3,000 meters.....	1 mile 1,420 yards 10 inches
5,000 meters.....	5 miles 189 yards
10,000 meters.....	10 miles 378 yards
40,200 meters.....	24 miles 1,621 yards 13 inches

TRACK EVENTS.

100 meters—Won by R. C. Craig, Detroit Y. M. C. A.; A. T. Meyer, Irish-American A. C., second; D. F. Lippincott, University of Pennsylvania, third. Time, :10 $\frac{1}{2}$.

200 meters—Won by R. C. Craig, Detroit Y. M. C. A.; D. F. Lippincott, University of Pennsylvania, second; W. R. Applegarth, England, third. Time, :21 7-10.

400 meters—Won by Charles D. Reidpath, Syracuse university; Hans Braun, Germany, second; Edward F. Lindberg, Chicago A. A., third. Time, :48 $\frac{1}{2}$.

800 meters—Won by J. E. Meredith, Mercersburg academy; Melvin W. Sheppard, Irish-American A. C., second; Ira N. Davenport, University of Chicago, third. Time, 1:51 9-10.

1,500 meters—Won by A. N. S. Jackson, England; A. R. Kiviat, Irish-American A. C., second; N. S. Taber, Brown university, third. Time, 3:56 $\frac{1}{2}$.

5,000 meters—Won by H. Kolehmainen, Finland; J. Boutin, France, second; E. W. Hutson, England, third. Time, 14:36 $\frac{1}{2}$.

10,000 meters run—Won by H. Kolehmainen, Finland; Louis Tewanima, Carlisle, second; A. Stenroos, Finland, third. Time, 31:20 $\frac{1}{2}$.

10,000 meters walk—Won by George Goulding, Canada; E. J. Webb, England, second; F. Altimaui, Italy, third. Time, 46:28 $\frac{1}{2}$.

Marathon race (40,200 meters)—Won by K. K. McArthur, South Africa; C. G. Gitsham, South Africa, second; Gaston Strobino, South Paterson A. C., third. Time, 2:36:54 $\frac{1}{2}$.

110 meters high hurdles—Won by Fred W. Kelly, Los Angeles A. C.; James T. Wendell, New York A. C., second; Martin W. Hawkins, Multnomah A. C., third. Time, :15 $\frac{1}{2}$.

3,000 meters team race—Won by United States; France, second; England, third. Time, 8:44 $\frac{1}{2}$.

400 meters relay race—Won by Great Britain; Sweden, second; Germany, third. Time, :42 $\frac{1}{2}$.

1,600 meters relay race—Won by United States; France, second; England, third. Time, 3:16 $\frac{1}{2}$.

8,000 meters cross country—Won by H. Kolehmainen, Finland; H. Anderson, Sweden, second; J. Eke, Sweden, third. Time, 45:11 3-10.

8,000 meters cross country, team—Won by Sweden; Finland, second; England, third. No time given.

FIELD EVENTS.

Hammer throw—Won by M. J. McGrath, New York A. C., 54 meters 13 centimeters (177 feet 7 inches); D. Gillis, Canada, second, 43 meters 39 centimeters; C. C. Childs, New York A. C., third, 43 meters 17 centimeters.

Discus throw, best hand—Won by A. R. Taipale, Finland, 45 meter 21 centimeters (148 feet 3 9-10 inches); R. L. Byrd, Adrian college, second, 42 meters 32 centimeters; James H. Duncan, New York, N. Y., third, 42 meters 28 centimeters.

Discus throw, right and left hand—Won by A. R. Taipale, Finland, 82 meters 86 centimeters (271 feet 10 $\frac{1}{2}$ inches); E. Niklander, Finland, second, 77 meters 86 centimeters; E. Magnusson, Sweden, third, 77 meters 36 centimeters.

Putting weight—Won by P. J. McDonald, Irish-American A. C., 15 meters 34 centimeters (50 feet 4 inches); Ralph Rose, Olympic A. C., second, 15 meters 25 centimeters; L. A. Whitney, Boston A. C., third, 13 meters 93 centimeters.

Putting weight, right and left hand—Won by Ralph Rose, Olympic A. C., 27 meters 70 centimeters (90 feet 10 9-10 inches); P. J. McDonald, Irish-American A. C., second, 27 meters 47 centimeters; E. Niklander, Finland, third, 27 meters 13 centimeters.

Throwing javelin, best hand—Won by E. Lemming, Sweden, 60 meters 64 centimeters (198 feet 11 $\frac{1}{2}$ inches); J. J. Saaristo, Finland, second, 53 meters 66 centimeters; Miklos Kovacs, Hungary, third, 55 meters 50 centimeters.

Throwing javelin, right and left hand—Won by J. J. Saaristo, Finland, 109 meters 42 centimeters (358 feet 11½ inches); W. Sikanen, Finland, second; U. Polteenen, Finland, third.

Standing broad jump—Won by C. Tselitiras, Greece, 3 meters 37 centimeters (11 feet 5½ inch); Platt Adams, New York A. C., second, 3 meters 36 centimeters; B. W. Andrews, New York A. C., third, 3 meters 28 centimeters.

Running broad jump—Won by Albert C. Gutterson, Boston A. C., 7 meters 60 centimeters (24 feet 11½ inches); C. D. Bricker, Canada, second, 7 meters 21 centimeters; G. Aberg, Sweden, third, 7 meters 18 centimeters.

Standing high jump—Won by Platt Adams, New York A. C., 1 meter 63 centimeters (5 feet 4½ inches); Benjamin Adams, New York A. C., second, 1 meter 60 centimeters; C. Tselitiras, Greece, third, 1 meter 55 centimeters.

Running high jump—Won by Almer W. Richards, University of Utah, 193 centimeters (6 feet 4 inches); Herr Liesche, Germany, second, 191 centimeters; George L. Horne, Leland Stanford university, third, 190 centimeters.

100 meters, free style, for women—Won by Miss Fanny Durach, Australia; Miss Wilhelmina Wyllie, Australia, second; Miss Jennie Fletcher, England, third. Time, 1:22½.

400 meters, relay, for women—Won by England; Germany, second; Austria, third. Time, 5:52½.

DIVING.

High diving—Won by W. E. Adlerz, Sweden, 369 7-10 points; H. Johansson, Sweden, second; K. J. E. Jansson, Sweden, third.

High diving, for women—Won by Greta Johansson, Sweden, 39.9 points; Lisa Regnell, Sweden, second, 36.3 points; Belle Wright, England, third, 34 points.

WATER POLO.

Final game—England defeated Austria, 8 to 0.

SHOOTING.

International army rifle competition—Won by United States, 1,688 points; Britain, second, 1,600 points; Sweden, third, 1,575.

Pistol team shooting, 50 meters—Won by United States, 1,916 points; Sweden, second, 1,849; Britain, third, 1,804.

Clay bird shooting, teams—Won by the United States, 532 points; Britain, second, 511 points; Germany, third, 510 points.

Duel shooting, individual competition, 30 meters—Won by A. P. Lane, United States, score, 287; Palen, Sweden, second, 286; Vounolst, Sweden, third, 284.

Clay bird shooting, individual competition—Won by Jay R. Graham, Chicago, score, 96; Golden, Germany, second, 94; Blau, Russia, third, 91.

Miniature rifle shooting, individual, 40 shots at 50 meters—Won by Capt. F. L. Hird, Iowa; score, 194.

WINNERS MISCELLANEOUS EVENTS.

Fencing, foils, individual—N. Nadi, Italy.

Fencing, epee, teams—Belgium.

Fencing, epee, individual—P. Anspach, Belgium.

Fencing, saber, teams—Hungary.

Hop, step and jump—Won by G. Lindblom, Sweden, 14 meters 76 centimeters (48 feet 5½ inches); A. Aberg, Sweden, second; E. Almlof, Sweden, third.

Pole vault—Won by Harry S. Babcock, Columbia university, 3 meters 95 centimeters (12 feet 11½ inches); Frank T. Nelson, Harvard law school and Marc S. Wright, Dartmouth, tied for second place.

Tug of war—Stockholm policemen defeated London policemen in two straight pulls of 6 and 2 minutes each.

ALL AROUND CHAMPIONSHIPS.

Pentathlon, five events, running 200 and 1,500 meters, broad jump, throwing javelin and throwing discus—Won by James Thorpe of Carlisle Indian school; F. R. Bie, Norway, second; Avery Brundage, Chicago A. C., third.

Decathlon, ten events, races at 100, 400 and 1,500 meters; 110 meters hurdles, high jump, long jump, pole vault, weight, discus and javelin—Won by James Thorpe, Carlisle Indian school, 8,412 points; H. Wesslander, Sweden, second, 7,724; C. Lomberg, Sweden, third, 7,413.

Modern pentathlon, dual shooting, swimming 300 meters, fencing, riding, cross country running—Won by G. Lillehook, Sweden, 27 points; G. Asbrink, Sweden, second, 28 points; G. DeLaval, Sweden, third, 30 points.

SWIMMING.

100 meters, free style—Won by Duke Kahnanaomoku, Hawaii; C. Healy, Australia, second; K. Huzzag, Chicago A. A., third. Time, 1:03½.

200 meters, free style—Won by W. Bathe, Germany; W. Lutzw, Germany, second; P. Malisch, Germany, third. Time, 3:01½.

400 meters, breast stroke—Won by W. Bathe, Germany; S. L. Hennig, Sweden, second; P. Courtman, England, third. Time, 6:29½.

400 meters, free style—Won by George R. Hodgson, Canada; J. G. Hatfield, England, second; H. Hardwick, Australia, third. Time, 5:24½.

100 meters, back stroke—Won by Harry J. Hebner, Illinois A. C.; O. Fahr, Germany, second; P. Kellner, Germany, third. Time, 1:21½.

800 meters, team—Won by Australia; United States, second; England, third. Time, 10:11½.

1,500 meters, free style—Won by George R. Hodgson, Canada; J. G. Hatfield, England, second; H. Hardwick, Australia, third. Time, 22:00.

Fencing, saber, individual—J. Fuchs, Hungary.

Cycling, road race, 200 miles—R. Lewis, South Africa. Time, 10:42:39.

Football (association)—England.

Gymnastics (Swedish)—Sweden.

Gymnastics (other than Swedish)—Italy.

Gymnastics, team competition, free movements—Norway.

Gymnastics, individual competition—A. Braglie, Sweden.

Horse riding, military, teams—Sweden.

Horse riding, military, individual—Lieut. Nordlander, Sweden.

Prize riding—G. C. Bonde, Sweden.

Prize jumping (horse), individual—Capt. Carliou, France.

Prize jumping (horse), team—Sweden.

Tennis, covered court, men, singles—A. H. Gobert, France.

Tennis, covered court, women, singles—Mrs. Hannam, England.

Tennis, covered court, doubles, men—M. Gobert and M. Gernot, France.

Tennis, covered court, doubles, mixed—C. P. Dixon and Mrs. Hannam, England.

Tennis, open air, singles, men—C. L. Winslow, South Africa.

Tennis, open air, singles, women—Mdlle. Broquedis, France.

Tennis, open air, doubles, men—H. A. Kitson and C. W. Winslow, South Africa.

Tennis, open air, doubles, mixed—Frl. Koring and H. Schomburgk, Germany.

Rowing, eights, outriggers—Leander club, England.

Rowing, fours, outriggers—Ludwigshafen, Germany.

Rowing, fours, inriggers—Denmark.

Single sculls—W. D. Kinner, England.

Wrestling, Greco-Roman, feather—K. Koskela, Finland.

Wrestling, Greco-Roman, light—E. E. Ware, Finland.

Wrestling, Greco-Roman, middle A—C. E. Johanson, Sweden.

Wrestling, Greco-Roman, middle B—No first prize awarded.

Wrestling, Greco-Roman, heavy—U. Saarela, Finland.

Yacnting, 6 meters—G. Thube, France.

Yacnting, 8 meters—T. Glad, Norway.

Yacnting, 10 meters—N. Asp, Sweden.

Yacnting, 12 meters—A. W. G. Larsen, Norway.

Painting—C. Pellegrini, Italy.

Music—B. Barthelmi, Italy.

Literature—G. Hohrod, M. Eschbach, Germany.

Sculpture—W. Winans, United States.

Architecture—Monod and Laverriere, Switzerland.

PRINCIPAL OLYMPIAN RECORDS.

Olympian records to date are as follows:

60 meter run—.04, A. C. Kraenzlein, Archie Hahn (1904), W. Hogenson (1904).

100 meter run—.103, S. F. Lippincott (1912).

200 meter run—2:15, Archie Hahn, (1904).
 400 meter run—1:48, James E. Meredith (1912).
 1,500 meter run—3:56½, A. S. Jackson (1912).
 800 meter run—1:51 9-10, James E. Meredith (1912).
 2,500 meter steeplechase—7:34, G. W. Orton.
 4,000 meter steeplechase—12:58½, C. Reinmer, Eng-
 land.

Marathon race, 25 miles—2:36:54½, K. K. McArthur
 (1912).

1,600 meter relay—3:16½, America (1912).

110 meter hurdle race—15, F. C. Smithson (1908).

200 meter hurdle race—24¾, H. Hillman (1904).

400 meter hurdle race—55, C. J. Bacon (1908).

Running high jump—6 feet 4 inches, Alma W. Rich-
 ards (1912).

Running broad jump—24 feet 11¼ inches, L. Gutter-
 son (1912).

Standing high jump—5 feet 5 inches, Ray C. Ewry.

Standing broad jump—11 feet 4¾ inches, Ray C.
 Ewry (1904).

Standing triple jump—36 feet 1 inch, Peter O'Con-
 nor (1906).

Pole vault—12 feet 11 inches, Harry S. Babcock
 (1912).

Running hop, skip and jump—48 feet 11¼ inches,
 Ahearne, England (1908).

Putting 16 pound shot—50 feet 4 inches, P. J. Mc-
 Donald (1912).

Throwing 16 pound hammer—180 feet 5 inches, M.
 J. McGrath (1912).

Throwing discus (Greek style)—148 feet 1½ inches,
 A. R. Taipole (1912).

Throwing javelin (free style)—199 feet 11½ inches,
 E. V. Lemming (1912).

Throwing javelin (middle)—179 feet 10½ inches, E.
 V. Lemming (1908).

CURLING.

NORTHWESTERN BONSPIEL.

The annual bonspiel of the Northwestern Curling
 association took place at Duluth, Minn., Jan. 15-23,
 1912. The principal event was the contest for the
 international trophy between rinks representing
 Canada and the United States. The Americans
 took six out of eight games, the totals standing:
 Americans, 157; Canadians, 147. The 1913 bonspiel
 will take place in St. Paul, Minn.

VISIT OF SCOTCH CURLERS.

The Royal Caledonian curlers of Scotland made
 a visit to Canada and the United States in the
 winter of 1911-1912, playing a series of games in the
 larger cities on both sides of the line. At Detroit,
 Mich., Feb. 3, they defeated rinks from Windsor
 and Chatham, Ont., but lost to Sarnia and Petro-
 lia, Ont., and to Grand Rapids and Toledo, the
 total count for the day being 52 to 51 against
 them. In Chicago, where they played under favor-
 able ice conditions Feb. 5, they won two out of
 three games, taking one from and losing one to
 the Wanderers at the Parkside rink and taking one
 from the Chicago club at Washington park. The
 score for the day was 94 to 84 in their favor.

RIOTING IN ROCK ISLAND, ILL.

Rock Island, Ill., was the scene of serious riot-
 ing, resulting in the loss of life, March 26, 1912.
 The trouble grew out of a bitter quarrel between
 Mayor H. M. Schriver and John Looney, publisher
 and editor of a weekly paper. Mr. Looney had se-
 verely criticised the mayor and the latter gave the
 editor such a beating that he had to go to a hos-
 pital. Friends of the two men took up the quarrel
 and clashes were frequent. On the evening of
 March 25 a mob was dispersed by firemen throwing
 water on it. The following day the disorders were

defeating Harold F. McCormick of Chicago in the
 final match by scores 15-5, 15-6 and 17-15. Douglas,
 having won the championship three times, became
 the owner of the Clarence Mackay trophy.

RACQUETS.

NATIONAL TOURNAMENT.

Reginald R. Fincke of New York again won the
 national racquet championship tournament in New
 York city Feb. 20-25, 1912, defeating J. Gordon
 Douglas, also of New York, in the final match by
 scores of 15-7, 15-11, 11-15, 9-15, 15-3. Championship
 record:

1901—Quincy A. Shaw, Boston.
 1902—C. H. Mackay, New York.
 1903—Payne Whitney, New York.
 1904—George A. Brooke, Philadelphia.
 1905—Lawrence Waterbury, New York.
 1906—Percy D. Houghton, Boston.
 1907—Reginald R. Fincke, New York.
 1908—Quincy A. Shaw, Boston.
 1909—Harold F. McCormick, Chicago.
 1910—Quincy A. Shaw, Boston.
 1911—Reginald R. Fincke, New York.
 1912—Reginald R. Fincke, New York.

GOLD RACQUET TOURNAMENT.

J. Gordon Douglas again won the gold racquet
 tournament at Tuxedo Park, N. Y., Feb. 9-12, 1912,
 PROFESSIONAL CHAMPIONSHIP.

In a match for the professional racquet cham-
 pionship of America, played in New York, N. Y.,
 Jan. 6, 1912, Charles Williams of England, the
 world's champion, defeated George Standing of
 New York three games out of four.

SKAT.

The fifteenth annual tournament of the North
 American Skat league took place in Chicago May
 25-26, 1912. H. N. Mangelsen of Clinton, Iowa,
 won the first prize of \$1,000. He won 31 games and
 lost 5, giving him a net of 26. August Thies of
 Chicago was second with a total of 1,074 points.
 E. Kreuter of Sheboygan, Wis., was third with a
 spade solo against 10 matadors. H. M. Fellenz of
 Fond du Lac, Wis., was fourth with a net of 24
 games.

F. Hatzold of Chicago was fifth with a total of
 871 points. E. Voelker of Detroit, Mich., finished
 sixth with high play of 216 points and a grand
 total of 660 points. F. Armstrong of Chicago was
 seventh with a diamond tournee against 10 ma-
 tadors. C. Kuhlman of Cincinnati was eighth with
 a net score of 24. Albert Doosel of Chicago secured
 ninth place with a total of 563 points, and I. Cohn
 of Chicago was tenth with a club solo against
 9 matadors.

The congress of 1913 will be held at Cedar Point,
 O., about sixteen miles outside of Cleveland. T. C.
 Closse of Cleveland was elected president. Two
 hundred and seventy-five prizes were awarded and
 2,340 skat players from different sections of the
 country took part in the Chicago tourney.

NATIONAL GAME PRESERVES.

The following national game preserves situated
 within national forests have been designated under

Name.	National forest.	State.
Grand canyon.....	Coconino and Kaibab.....	Arizona
Wichita	Wichita.....	Oklahoma

special acts of congress for the protection of wild
 animals.

Act approved.	Proclamation effective.	Acres.
June 29, 1906 (34 Stat., 607).....	June 3, 1909	1,492,928
Jan. 24, 1905 (33 Stat., 614).....	June 2, 1905	57,120

AMATEUR ATHLETIC RECORDS.

CENTRAL WEST.

[Compiled by Martin B. Herbert.]

- 35-yard run—.04.* Clyde A. Blair, University of Chicago gymnasium, Feb. 22, 1902, and May 8, 1902; also University of Wisconsin gymnasium, Madison, Wis., March 16, 1902; also W. Hogenson, University of Chicago, and Frank Waller, University of Wisconsin, at University of Wisconsin gymnasium, Madison, Wis., March 18, 1905.
- 40-yard run—.04%. L. Gertinich, 1st regiment armory, Chicago, Jan. 25, 1898; James Wasson, Notre Dame, Ind., March 19, 1910 (equals world's record); .04%.* C. Bell and E. C. English, Notre Dame, Ind., March 9, 1901; William Borden, 1st regiment armory, Chicago, March 30, 1901; Clyde A. Blair, 1st regiment armory, Chicago, Feb. 6, 1902; Walter Eckersall, at 1st regiment armory, Chicago, Feb. 28, 1903; Archie Hahn, at Ann Arbor, Mich., May 15, 1902; also E. D. Staples, Notre Dame, Ind., at Notre Dame university gymnasium, March 15, 1902.
- 45-yard run—.05%. Clyde Blair and Victor Rice, at University of Chicago gymnasium, Feb. 13, 1904.
- 50-yard run—.05%.* C. Bell, Coliseum, St. Louis, Mo., March 8, 1902; Walter Eckersall, Cincinnati, O., Feb. 26, 1903; Victor Rice, at University of Chicago gymnasium, Feb. 20, 1904.
- 60-yard run—.06%. James Wasson, University of Notre Dame, Auditorium, Milwaukee, Wis., March 12, 1910.
- 75-yard run—.07%. Archie Hahn, Milwaukee A. C., at Milwaukee Exposition building, March 11, 1906, in trial and final heats.
- 100 yards—.09%. Wasson, Notre Dame university, at Notre Dame, Ind., May 11, 1912; .09%. J. H. Rush, C. A. A. Parkside field, Chicago, June 18, 1898; C. W. Stage, Cleveland A. C., at Cleveland, O., Sept. 2, 1893; J. V. Crum, Chicago A. A., at Chicago, June 15, 1895.
- 150 yards—.17. C. S. Borden, Tattersall's, Chicago, March 5, 1898.
- 220-yard run—.21%. G. C. Poage, University of Illinois field, straightaway path, Champaign, Ill., May 16, 1902.
- 300-yard run—.33%. Harry H. Bascom, Chicago Hyde Park high school, Tattersall's, Chicago, March 5, 1898.
- 440-yard run—.49%. G. C. Poage, University of Illinois field, third of a mile path, Champaign, Ill., May 16, 1902; .49%. Ed Merrill, Marshall field, quarter of a mile path, Chicago, Ill., June 1, 1901.
- 600 yard run—.1:15%. G. C. Holland, Coliseum, 63d street, Chicago, May 12, 1897.
- 880-yard run—1:57. J. D. Lightbody, University of Chicago, at Ann Arbor, Mich., May 20, 1905.
- 1,000-yard run—2:36. C. McCully, University of Illinois, Champaign, Dec. 14, 1902.
- 1-mile run—4:25. J. D. Lightbody, University of Chicago, at Marshall field, Chicago, June 3, 1905.
- 2-mile run—9:42%. T. N. Metcalf, Oberlin, at Lafayette, Ind., June 1, 1912.
- 1-mile walk—6:46%. W. B. Fetterman, Parkside field, Chicago, June 23, 1893; 7:00. J. Bredstein, Ravenswood field, Chicago, June 23, 1900.
- 40-yard hurdle race, 3 hurdles, 3 ft. 6 in. high—.05%. Fred G. Moloney, University of Chicago, at University of Chicago old gymnasium, Feb. 15, 1902; also M. B. Herbert, First Regiment A. A., at 1st regiment armory, March 29, 1902 (world's record).
- 45-yard hurdle race, 4 hurdles, 2 ft. 6 in.—.06%. Walter Steffen, at University of Chicago gymnasium, Feb. 27, 1904.
- 50-yard hurdle race, 3 hurdles, 3 ft. 6 in.—.06%. Mark Catlin, University of Chicago, at Bartlett gymnasium, March 4, 1905, on rubber mat; L. C. Bailey, Chicago Y. M. C. A., Cincinnati, O., March 10, 1906.
- 50-yard low hurdle race, 2 hurdles, 2 ft. 6 in. high—.06. Sidney Fletcher, University of Notre Dame, at Bartlett gymnasium, March 20, 1909, on rubber mat.
- 60-yard low hurdle race, 4 hurdles, 2 ft. 6 in. high—.07. Mark Catlin, University of Chicago, at Chicago Coliseum, March 28, 1905; W. A. Draper, Chicago A. A., at Chicago Coliseum, March 28, 1905; Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905; Frank Waller,

- University of Wisconsin, at Chicago Coliseum, March 28, 1905.
- 60-yard high hurdle race, 4 hurdles, 3 ft. 6 in.—.08. Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905.
- 75-yard hurdle race, 3 hurdles, 2 ft. 6 in. high—.08%.* Fred G. Moloney, Exposition building, Milwaukee, March 1, 1902.
- 75-yard hurdle race, 6 hurdles, 3 ft. 6 in. high—.09%.* F. W. Schule, Milwaukee A. C., at Milwaukee Exposition building, March 5, 1904.
- 120-yard hurdle race, 10 hurdles, 3 ft. 6 in. high—.15%.* A. C. Kraenzlein, Parkside field, Chicago, June 18, 1898; .15%. F. Smithson, University of Notre Dame, Marshall field, Chicago, June 1, 1907, strong wind on back of runner; .15%. J. P. Nicholson, Missouri university, at Lafayette, Ind., June 1, 1912.
- 220-yard hurdle race, 10 hurdles, 2 ft. 6 in. high—.24%. Fred G. Moloney, University of Illinois field, Champaign, straightaway course, May 5, 1902; .25. M. Bockman, Marshall field, Chicago, around half circle at start, June 1, 1901.
- 300-yard hurdle race, 10 hurdles, 2 ft. 6 in. high—.36%.* A. C. Kraenzlein, Coliseum, 63d street, Chicago, May 12, 1897.
- Pole vault for height—12 ft. 4½ in.* Leroy Samse, University of Indiana, at conference meet, Evans-ton, Ill., June 2, 1902.
- Running high jump—6 ft. ¼ in. I. K. Baxter, Parkside field, Chicago, June 18, 1898; J. Fuhrer, at Madison, Wis., May 21, 1904; 5 ft. 11½ in., Otto Kaecke, First Regiment A. A., Milwaukee, March 7, 1903.
- Standing high jump—5 ft. 3½ in., Raymond C. Ewry, Lafayette, Ind., May 29, 1896.
- Running broad jump—24 ft. 1 in., Frank Irons, Chicago A. A., Marshall field, Chicago, Aug. 7, 1902.
- Standing broad jump—11 ft., Roy Ewry, Coliseum, 63d street, Chicago, May 12, 1897.
- Putting 12-lb. shot, 7-ft. circle—56 ft. 2½ in.* Ralph Rose, Ann Arbor, March 19, 1904.
- Putting 16-lb. shot, 7-ft. circle—48 ft. 7 in.* Ralph Rose, at Chicago, May 21, 1904.
- Throwing 12-lb. hammer, 4-ft. handle over all, 7-ft. circle—185 ft. 5¼ in., Lee Talbott, manual training high school, Kansas City, Mo., at Marshall field, Chicago, June 9, 1906.
- Throwing 16-lb. hammer, 4-ft. handle over all, 7-ft. circle—163 ft. A. Plaw, Ravenswood field, Chicago, June 23, 1900; with one hand, 150 ft. 11 in. E. E. Parry, University of Chicago, at Marshall field, Chicago, June 30, 1906.
- Throwing 56-lb. weight, 7-ft. circle—32 ft. 2¾ in., J. S. Mitchell, New York Athletic club, Milwaukee, Sept. 11, 1903.
- Throwing the discus, 4½ lbs., throw in 7-ft. circle—140 ft. 2¾ in., J. C. Garrels, University of Michigan, at Marshall field, Chicago, June 3, 1905.
- ½-mile relay (4 men)—1:24. Detroit university school, at Ann Arbor, Mich., May 27, 1905.
- 1-mile relay (4 men)—3:26%. University of Chicago (H. Groman, W. Barker, R. Quigley, C. A. Blair), at Marshall field, June 3, 1905.

INDOOR RECORDS. CENTRAL ASSOCIATION. A. A. U.
[Compiled by Martin B. Herbert.]

- 35-yard run—.04. Clyde A. Blair, twice at University of Chicago gymnasium, Chicago, Feb. 22, 1902, and same place May 8, 1902; also at University of Wisconsin, Madison, Wis., May 16, 1902 (all on floor); W. Hogenson, University of Chicago, and Frank Waller, University of Wisconsin, twice at Madison, Wis., March 18, 1905.
- 40-yard run—.04%. C. Bell and E. C. English, at Notre Dame, Ind., March 9, 1901, on turf; William Borden, at 1st regiment armory, Chicago, March 30, 1901, on maple floor; Clyde A. Blair, at 1st regiment armory, Chicago, Feb. 6, 1902; Archie Hahn, at University of Michigan gymnasium, Ann Arbor, Feb. 15, 1902; Walter Eckersall, Hyde Park high school, 1st regiment armory, Chicago, Feb. 28, 1903; E. D. Staples, Notre Dame gymnasium, March 15, 1902, on turf.
- 45-yard run—.05%. Clyde Blair and V. S. Rice, University of Chicago, at Bartlett gymnasium, Chicago, Feb. 13, 1904, on rubber mat.
- 60-yard run—.05%.* Walter Eckersall, at Cincinnati,

natl. O., Feb. 26, 1903; Victor Rice, at Chicago, Feb. 26, 1904.

60-yard run—306%, C. L. Larson, University of Wisconsin, at Chicago Coliseum, March 28, 1906.

75-yard run—70%, Archie Hahn, Milwaukee A. C., at Milwaukee Exposition building, March 11, 1906, in trial and final heat.

100-yard run—110, A. B. Potter, at Coliseum, 63d street, Chicago, May 14, 1897, on pine floor, straight course.

150-yard run—117, O. S. Borden, at Tattersall's, Chicago, March 5, 1898, on floor around half-circle on end.

220-yard run—233%, P. J. Corcoran, at Notre Dame, Ind., March 9, 1901, on gymnasium turf course, one and one-half laps; also same place and track, E. D. Staples, Notre Dame, March 15, 1902.

300-yard run—133%, Harry H. Bascom, at Tattersall's, Chicago, March 5, 1898, on floor, around circular ends.

440-yard run—51%, E. J. Lindberg, Chicago Athletic association, at Auditorium, Milwaukee, March 12, 1910.

600-yard run—115%, G. G. Holland, at Coliseum, 63d street, Chicago, May 12, 1897, on pine floor.

880-yard run—153%, John F. Devine, Jr., Notre Dame university, dirt track, slight bank, 12 laps to a mile, March 1, 1911.

1,000-yard run—236, C. McCully, University of Illinois, at Champaign, Dec. 14, 1902, on gymnasium circular banked track.

1-mile run—424, J. Lightbody, University of Chicago, at Tattersall's, Chicago, March 13, 1907, on 10-lap wooden track.

2-mile run—941%, G. M. Wyckoff, Ohio State university, in 1st regiment armory, April 6, 1912.

5-mile run—2747, John T. Armour, First Regiment A. C., at 1st regiment armory, Jan. 30, 1909, on hard floor track, 12 laps to a mile.

1-mile walk—706%, Joseph Bredstein, at Exposition building, Milwaukee, Wis., March 3, 1900, on pine floor, 11 laps.

40-yard hurdle race, 3 hurdles, 3 ft. 6 in. high—306%, Fred G. Moloney, University of Chicago, at Chicago university old gymnasium, Feb. 15, 1902; M. B. Herbert, First Regiment A. A., at 1st regiment armory, Chicago, March 29, 1902; Learning, Purdue university, at Lafayette, Ind., March 2, 1912; Fletcher, Notre Dame university, in 1st regiment armory, April 6, 1912.

40-yard hurdle race, 4 hurdles, 2 ft. 6 in.—305, Fletcher of Notre Dame university, in 1st regiment armory, Chicago, April 6, 1912.

50-yard hurdle race, 3 hurdles, 3 ft. 6 in. high—306%, Mark Catlin, University of Chicago, at Bartlett gymnasium, March 4, 1905; L. C. Bailey, Chicago Y. M. C. A., at Cincinnati, O., March 10, 1906; W. B. LaZear, Chicago Athletic association, in Bartlett gymnasium, Chicago, April 4, 1908.

50-yard low-hurdle race, 3 hurdles, 2 ft. 6 in. high—306, Sidney Fletcher, University of Notre Dame, at Bartlett gymnasium, March 20, 1909, on rubber mat.

60-yard high-hurdle race, 4 hurdles, 3 ft. 6 in. high—308, W. W. Taylor, Hyde Park high school, at 7th regiment armory (Tattersall's), April 26, 1906; Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905.

60-yard low-hurdle race, 4 hurdles, 2 ft. 6 in. high—307, Mark Catlin, University of Chicago, at Chicago Coliseum, March 28, 1905; Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905; Frank Waller, University of Wisconsin, at Chicago Coliseum, March 28, 1906.

75-yard high-hurdle race, 6 hurdles, 3 ft. 6 in. high—309%, W. F. Schule, at Milwaukee Exposition building, March 5, 1904.

75-yard low-hurdle race, 3 hurdles, 2 ft. 6 in. high—308%, Fred G. Moloney, at Exposition building, Milwaukee, Wis., March 1, 1902, on pine floor.

300-yard hurdle race, 10 hurdles, 2 ft. 6 in. high—363%, A. Kraenzlein, at Coliseum, 63d street, Chicago, May 12, 1897, on pine floor.

Pole vault for height—12 ft. 5 3/4 in., Walter Dray, Chicago A. A., in 1st regiment armory, Chicago, April 6, 1912.

Standing high jump—5 ft. 3 in., Raymond C. Ewry, at Coliseum, 63d street, Chicago, May 12, 1897.

Running high jump—6 ft. 1/4 in., L. Miller, Univer-

sity of Indiana, at Bartlett gymnasium, April 4, 1908.

Standing broad jump—11 ft., Raymond C. Ewry, Coliseum, 63d street, Chicago, May 13, 1897.

Running broad jump—22 ft. 7 3/4 in., Frank C. Irons, C. A. A., at Notre Dame, Ind., March 13, 1909, in gymnasium, on turf.

Putting 12-lb. shot, 7-ft. circle—46 ft. 3 in., Garry Williamson, Morgan Park academy, at Chicago Coliseum, March 28, 1906.

Putting 16-lb. shot, 7-ft. circle—48 ft. 5 in., Ralph Rose, Chicago A. A., at Milwaukee Exposition building, March 11, 1905.

Throwing discus, 4 1/2 lbs., 7-ft. circle—99 ft. 6 in., J. Mitchell, Coliseum, 63d street, Chicago, May 12, 1897.

1-mile relay (4 men)—3:30%, Chicago Y. M. C. A. (C. Johnson, George Lundell, Ed Larson, Q. H. Powell), at Milwaukee Exposition building, circular ends banked pine track.

*American amateur records.

CENTRAL A. A. OFFICIALS.

President—Edward C. Racey, Chicago; secretary and treasurer, Charles A. Dean, Chicago; official handicapper, Frank C. Martin, Chicago.

HIGH-SCHOOL RECORDS.

Best performances by Cook county athletes in championship contests, 1890-1912. Data compiled by M. B. Herbert.

60-yard run—305%, W. Merrill, Englewood, at Marshall field, May 27, 1905, and F. Kuhn, Wendell Phillips, at Marshall field, June 20, 1908.

100-yard run—10%, W. Merrill, Englewood, at Marshall field, May 27, 1905; also F. Kuhn, Wendell Phillips, at Marshall field, June 15, 1907.

220-yard run—22%, J. Martin, Oak Park, at Marshall field, June 20, 1908.

440-yard run—52%, Millar, Oak Park, at Marshall field, June 1, 1912.

880-yard run—2:04%, T. Timblin, McKinley, at Marshall field, June 15, 1907.

1-mile run—4:43%, Robert Brown, Evanston, at Ravenswood, June 9, 1900.

1/2-mile walk—3:38, L. J. Byrne, Englewood, at Marshall field, June 24, 1899.

120-yard high hurdles—1:16, R. Deming, Oak Park, at Marshall field, June 20, 1908.

220-yard low hurdles—2:26%, R. Deming, Oak Park, at Marshall field, June 20, 1908.

Pole vault—11 ft. 6 in., Foss, University high, at Marshall field, June 1, 1912.

Running high jump—5 ft. 9 in., Shepard, Hyde Park, at Marshall field, June 1, 1912.

Running broad jump—21 ft. 9 in., Harrison, Crane, at Marshall field, May 27, 1905.

Putting 16-lb. shot—33 ft. 8 1/4 in., W. L. Sheppard, Hyde Park, at 35th street and Wentworth avenue, June 16, 1894.

Putting 12-lb. shot—45 ft. 6 in., E. Wilson, University high, at Marshall field, June 20, 1908.

Throwing 16-lb. hammer—154 ft., W. Higgs, Oak Park, at D. Paul university field, June 5, 1909.

Throwing the discus—111 ft. 3 in., P. Lunde, Lake View, at Marshall field, June 15, 1907.

1/2-mile relay (4 men)—1:34%, Lane, Wendell Phillips, at Marshall field, June 1, 1912.

1-mile relay (4 men)—3:39, North Division (A. Shey-ing, X. Vigeant, H. Wallace, G. Vigeant), at Marshall field, June 15, 1907.

WESTERN INTERCOLLEGIATE CHAMPIONSHIPS.

Lafayette, Ind., June 1, 1912.

100-yard dash—Wilson, Coe; 10.

220-yard dash—Wilson, Coe; 22 1/2.

440-yard run—Davenport, Chicago; 49 1/4.

880-yard run—Davenport, Chicago; 1:58.

1-mile run—Farquhar, Ames; 4:28 1/2.

2-mile run—Metcalfe, Oberlin; 9:42 1/2.

120-yard high hurdles—Nicholson, Missouri; 1:55.

220-yard low hurdles—Kirksey, Missouri; 2:25.

Running high jump—Beeson, California; Nicholson, Missouri; and Ellison, Wabash; 5 ft. 11 in.

Running broad jump—Allen, California; 23 ft. 1/2 in.

Pole vault—Murphy, Illinois; 12 ft. 4 1/2 in.

16-lb. hammer throw—Shattuck, California; 154 ft. 8 in.

1-mile relay—Illinois; 3:26.

Summary of points—California, 41 1/2; Missouri,

29%; Illinois, 26; Chicago, 15; Wisconsin, 12%; Coe, 10; Minnesota, 8; Northwestern, 5; Ames, 5; Oberlin, 5; Wabash, 4%; Earlham, 1; Purdue, 1; Iowa, 1; De Pauw, 1/2.

WESTERN INTERCOLLEGIATE RECORDS.

(Made in annual championship meets.)

100-yard dash—.094, Blair, Chicago, 1903, and W. W. May, Illinois, 1907 and 1908.
220-yard dash—.21%, Hahn, Michigan, 1903.
440-yard run—.48%, Davenport, Chicago, 1910.
880-yard run—1.56%, Davenport, Chicago, 1910-1911.
1-mile run—4.20%, Baker, Oberlin, 1910.
2-mile run—9.42%, T. V. Metcalf, Oberlin, 1912.
120-yard hurdles—.15%, J. P. Nicholson, Missouri, 1912.
220-yard hurdles—.24%, Fletcher, Notre Dame, 1910.
High jump—6 ft. 5/8 in., French, Kansas, 1910.
Broad jump—23 ft. 1 in., F. H. Allen, California, 1911.
Pole vault—12 ft. 4 1/2 in., Same, Indiana, 1906.
16-lb. hammer—157 ft. 1 in., Thomas, Purdue, 1904.
16-lb. shot—47 ft. 1/4 in., Rose, Michigan, 1904.
Discus—140 ft. 2 3/4 in., Garrels, Michigan, 1905.

EASTERN INTERCOLLEGIATE CHAMPIONSHIPS.

Franklin field, Philadelphia, June 1, 1912.

100-yard dash—Thomas, Princeton; .10%.
220-yard dash—Reidpath, Syracuse; .21%.
440-yard run—Reidpath, Syracuse; .48.
880-yard run—Jones, Cornell; 1:53%.
1-mile run—Taber, Brown and Jones, Cornell; 4:20%.
2-mile run—Withington, Harvard; 9:24%.
120-yard hurdles—Wendell, Wesleyan; .15%.
220-yard hurdles—Craig, Michigan; .24%.
High jump—Burdick, Pennsylvania; 6 ft. 3/4 in.
Broad jump—Mercer, Pennsylvania; 23 ft. 10 1/2 in.
Pole vault—Gardner, Yale; 13 ft. 1 in.
16-lb. hammer—Cable, Harvard; 162 ft. 4 1/2 in.
16-lb. shot—Beatty, Columbia; 48 ft. 10 1/2 in.
Summary of points—Pennsylvania, 28; Cornell, 17 1/2; Michigan, 15; Harvard, 13; Columbia, 13; Syracuse, 12; Dartmouth, 11 1/2; Yale, 10; Wesleyan, 7; Brown, 6; Princeton, 5; Bowdoin, 2; Rutgers, 2; Massachusetts Institute of Technology, 1.

EASTERN INTERCOLLEGIATE RECORDS.

(Made in annual championship meets.)

100-yard dash—.09%, A. F. Duffey, Berkeley oval, New York, May 25, 1902.
220-yard dash—.21%, R. C. Craig, Michigan, 1910 and 1911.
440-yard run—.48, C. D. Reidpath, Syracuse, 1912.
880-yard run—1:53%, J. P. Jones, Cornell, 1912.
440-yard run—Jones, Cornell; 1:53%.
1-mile run—4:15%, J. P. Jones, Cornell, 1911 (world's amateur record).
2-mile run—9:24%, P. R. Withington, Harvard, 1912.
120-yard hurdles—.15%, Garrels, Michigan, 1907, and Shaw, Dartmouth, 1908.
220-yard hurdles—.23%, A. C. Kraenzlein, Pennsylvania, 1898.
High jump—6 ft. 3 in., J. D. Winsor, Jr., Pennsylvania, 1897.
Broad jump—24 ft. 4 1/2 in., A. C. Kraenzlein, Pennsylvania, 1899.
Pole vault—13 ft. 1 in., Robert Gardner, Yale, 1912 (world's record).
16-lb. hammer—173 ft. 6 in., Lee J. Talbot, Penn State, 1910.
16-lb. shot—48 ft. 10 1/2 in., R. L. Beatty, Columbia, 1912.
1-mile walk—6:45%, W. B. Fetterman, Jr., Pennsylvania, 1898.

GYMNASTICS.

GYMNASTIC UNION CHAMPIONSHIPS.

Winners in International Gymnastic union championship wrestling tournament in Chicago, ending Jan. 28, 1912:

115 pounds, juniors—Kallis, Hebrew institute.
116 pounds, seniors—Cozens, Chicago Turners.
125 pounds, seniors—Hartman, Social Turners.
145 pounds, juniors—Hevelak, Finnish A. C.
Junior heavy weights—Leisenring, Chicago Turners.
125 pounds, seniors—Tork, Sleipner A. C.
145 pounds, seniors—Putkann, Finnish A. C.
155 pounds, seniors—Banz, Chicago Turners.
Senior heavy weights—Martinson, Chicago Turners.
Senior heavy weights—Dietze, Chicago Turners.

GYMNASTIC CHAMPIONSHIP.

Illinois won the annual conference gymnastic meet at Urbana, Ill., April 13, 1912, with 1,074 points; Wisconsin was second with 975 1/2 points, Minnesota third with 910 1/2 and Chicago fourth with 782 1/2. Capt. E. B. Styles of the University of Illinois won the individual championship.

ILLINOIS INTERSCHOOLASTIC.

The University of Illinois annual interscholastic meet, held in Champaign, Ill., May 18, 1912, was won by the track team of the Lane Technical school of Chicago with 18 points. Oak Park was second with 17 points and Englewood third with 14 1/2 points. Record of winning schools to date:

1894—Urbana.	1904—Pola.
1895—Englewood.	1905—Englewood.
1896—Rockford.	1906—Wendell Phillips.
1897—Englewood.	West Aurora, tied.
1898—East Aurora.	1907—Oak Park.
1899—Biggsville.	1908—Oak Park.
1900—Biggsville.	1909—University high.
1901—Englewood.	1910—University high.
1902—South Division.	1911—University high.
1903—Hyde Park.	1912—Lane Technical.

UNIVERSITY OF CHICAGO INTERSCHOLASTIC.

The eleventh annual interscholastic athletic tournament of the University of Chicago took place on Marshall field June 8, 1912, and was won by the Citrus Union High School of Azusa, Cal., with a score of 17 points. Central High of Toledo was second with 13 1/2 points and Englewood High and University High tied for third with 13 points each.

Winners and records:
100-yard dash—Hoyt, Greenfield, Iowa, .10.
220-yard dash—Hoyt, Greenfield, Iowa, .22%.
440-yard run (A)—Ballentine, Minneapolis, Minn., .52%.

440-yard run (B)—Jackson, Azusa, Cal., .53.
880-yard run (A)—Harvey, West Aurora, Ill., 2:04%.
880-yard run (B)—Ufer, Chicago (Hyde Park), 2:05.
1-mile run—Watson, Minneapolis, Minn., 4:39.
2-mile run—Tower, Evanston, Ill., 10:15%.
120-yard high hurdles—Whitted, Azusa, Cal., .15%.
220-yard low hurdles—Whitted, Azusa, Cal., .25%.
Running high jump—Honold, Paris, Ill., 5 ft. 11 1/4 in.
Running broad jump—Scott, Oregon, Ill., 22 ft. 3 3/4 in.

Discus throw—Bachman, Chicago (Englewood), 122 ft. 7 in.
12-lb. shot-put—Bachman, Chicago, 43 ft. 10 1/2 in.
12-lb. hammer throw—Bedell, Anamosa, Iowa, 166 ft. 4 in.
Pole vault—Foss, Chicago (University High), 11 ft. 3 in.

1/4-mile relay—Central High, St. Paul, Minn., .46%.

NATIONAL AMATEUR CHAMPIONSHIPS.

The annual championship contests of the Amateur Athletic Union of the United States took place in Pittsburgh, Pa., Sept. 20-21, 1912. The junior championships were won by the New York with a total of 31 points. The Irish-American Athletic club of New York was second with 30 and the Boston Athletic club third with 24. Two new junior records were established. One was E. McCarthy of the Irish-American A. C., who made 45 feet 9 inches in the hop, step and jump. E. Muller of the same club threw the discus 126.35 feet, beating the old record. In the senior contests one A. A. U. record was broken. A. R. Kiviat of the Irish-American A. C. running a mile in 4:18%. Standing of teams in senior contests:

Teams.	Points.	Teams.	Points.
Irish-American A. C.	67	Mohawk A. C.	5
New York A. C.	34	Shannahan club, Phila.	3
Boston A. C.	20	Kaleva A. C.	3
Unattached	9	Pittsburgh A. C.	2
Springfield (Mass.)	2	National A. C.	1
High School	5	Dominican Iyecom.	1
McCaddin Iyecom.	5	Swickley Y. M. C. A.	1
University of Missouri.	5	Pastime A. C.	1

Summary of senior events:
1-mile run—Won by A. R. Kiviat, Irish-American A. C.; run by A. Power, Boston A. A., second; D. V. Noble, New York A. C., third. Time, 4:18%. (New A. A. U. record.)
440-yard run—Won by T. J. Halpin, Boston A. A.;

M. W. Sheppard, Irish-American A. C., second; A. Pepis, Irish-American A. C., third. Time, :49½.

Running broad jump—Won by Platt Adams, New York A. C.; H. Fryckberg, Shannahan C. C., Philadelphia, second; D. Broderick, Irish-American A. C., third. Distance, 22.44 ft.

100-yard dash—Won by H. P. Drew, Springfield (Mass.) High School; A. T. Meyer, Irish-American A. C., second; R. Carroll, Pittsburgh A. A., third. Time, :10.

3-mile walk—Won by R. B. Gifford, McCaddin Lyceum, Brooklyn; T. Carroll, Irish-American A. C., second; A. Voelmecke, Pastime A. C., third. Time, :23:14.

16-lb. shot—Won by Patrick McDonald, Irish-American A. C., 48.51 ft.; R. I. Beatty, New York A. C., second, with 46.89 ft.; H. E. Klages, New York A. C., third, with 40.89 ft.

Running high jump—Won by J. O. Johnstone, Boston A. C., 6 ft. 3 in.; H. I. Grumpelt, New York A. C., 6 ft. 3 in., but lost in jump-off to Johnstone; Eugene Jennings, unattached, third. (Equals A. A. U. record.)

Pole vault—Won by H. S. Babcock, New York A. C.; G. B. Dukes, New York A. C., second; Masters, Sewickley Y. M. C. A., Pittsburgh, third. Height, 12 ft.

16-lb. hammer throw—Won by M. J. McGrath, Irish-American A. C., 174.67 ft.; F. Ryan, Irish-American A. C., second, 172.62 ft.; A. M. McDougall, Irish-American A. C., third, 149.97 ft.

Run, hop, step and jump—Won by Platt Adams, New York A. C.; M. J. Fahey, Irish-American A. C., second; H. Oltmann, National A. C., third. Distance, 45.71 ft.

880-yard run—Won by M. W. Sheppard, Irish-American A. C.; D. S. Caldwell, Boston A. C., second; E. Frick, New York A. C., third. Time, 1:57½.

120-yard high hurdles—Won by T. P. Nicholson, Missouri university; E. M. Pritchard, Irish-American A. C., second; L. B. Darland, Dominican Lyceum, New York, third. Time, :15½.

5-mile race—Hannes Kolehmainen, unattached, won; Harry J. Smith, unattached, second; J. G. Silva, Boston A. A., third. Time, 25:43½.

220-yard dash—Won by A. T. Meyer, Irish-American A. C.; A. Robinson, Boston A. A., second; M. F. Robertson, New York A. C., third. Time, :21¼.

56-pound weight—Won by P. J. Ryan, Irish-American A. C., 37.87 ft.; Patrick J. McDonald, Irish-American A. C., second, 37.50 ft.; M. J. McGrath, Irish-American A. C., third, 37.45 ft.

220-yard hurdles—Won by J. J. Eller, Irish-American A. C.; F. Brady, New York A. C., second; F. J. Myer, Pittsburgh A. C., third. Time, :25½.

Javelin throw—Won by Harry Lott, Mohawk A. C., New York, 162.65 ft.; Edward Aro, Kaleva A. C., Brooklyn, second, 152.58 ft.; F. Lund, Irish-American A. C., third, 147.99 ft.

Discus throw—Won by E. Muller, Irish-American A. C.; R. L. Beatty, New York A. C., second; P. McDonald, Irish-American A. C., third. Distance, 132.22 ft.

FRANKLIN FIELD RELAY RACES.

The national championship relay races for colleges were run on Franklin field, Philadelphia, April 27, 1912, with the following results:

1-mile college championship of America—Won by Syracuse (Waldron, Champlin, Fogg, Reidpath); Illinois, second; Pennsylvania, third; Chicago, fourth; Columbia, fifth; Ohio Wesleyan, sixth. Time by quarters, .53, 1:44½, 2:35, 3:24½.

2-mile college championship—Won by Pennsylvania (Church, Cross, Levering, Bodley); Princeton, second; Minnesota, third. Time by half miles, 2:04, 4:06½, 6:08¾, 8:09¾.

4-mile college championship—Won by Pennsylvania (Guthanz, Langer, Madeira, McCurdy); Michigan (Brown, Smith, Hanavan, Hainbaugh), second; Dartmouth, third; Princeton, fourth. Time by miles, 4:42½, 9:20½, 13:53½, 18:20½.

CONFERENCE INDOOR MEET.

Illinois university won the second annual indoor track and field meet of the Western Intercollegiate

Athletic association, held in Patten gymnasium, Evanston, Ill., March 30, 1912, with 31 points. Wisconsin was second with 29 points, Northwestern third with 21½, Chicago fourth with 20, Minnesota fifth with 4 and Purdue sixth with 3½ points. Record of conference indoor championship:

Year.	University.	Points.
1911—Chicago		36
1912—Illinois		31

INDOOR CHAMPIONSHIPS.

The Chicago Athletic union the Central Amateur Athletic union indoor championship tournament, held in the 1st Infantry armory, Chicago, April 6, 1912, with a score of 46 points. Notre Dame was second with 29 points, Northwestern university third with 8, Cincinnati G. A. C. fourth with 7, Ohio State university fifth with 5 and Illinois university sixth with 3. Unattached athletes made 3 points, the University of Chicago 2 and the 1st regiment 1. Walter Dray made a world's indoor record when he cleared the bar in the pole vault at 12 ft. 5½ inches. In the 40-yard low hurdles Fletcher of Notre Dame tied both the world's indoor and outdoor record by winning in :05. The Central A. A. U. 2-mile record was lowered by G. M. Wykoff of the Ohio State university, who covered the distance in 9:41½.

LONG DISTANCE RUNNING AND WALKING.

Following were the results in the more important Marathon (26 miles 385 yards) and other long distance foot races and walking matches in 1912. The date, place, distance, winner and time are given in the order named:

Jan. 2—Edinburgh, Scotland; Marathon; H. Kolehmainen; 2:32:56½.

Feb. 3—Edinburgh, Scotland; 15 miles; Tom Longboat; 1:20:04½.

May 4—St. Louis, Mo.; Marathon; Joseph Erxleben; 2:36:00.

May 5—New York, N. Y.; 15 miles; A. E. Wood; 1:18:15.

July 13—Chicago, Ill.; 10 miles; C. Christensen; 1:01:15.

Aug. 31—Chicago, Ill.; 9 miles; C. Christensen; :47:15½.

Sept. 2—Minneapolis, Minn.; 20 miles; Fritz Carlson; 2:02:00½.

Sept. 8—Paris, France; Marathon; Hans Holmer; 2:43:00.

Sept. 22—New York, N. Y.; 5 miles; H. Kolehmainen; :29:09½.

1:05:29—Newark, N. J.; 12 miles; Billy Queal; 1:05:29.

Oct. 26—Newark, N. J.; Marathon; William Kolehmainen; 2:29:39½.

Oct. 27—Newark, N. J.; 15 miles; William Kolehmainen; 1:20:12.

ALL AROUND CHAMPIONSHIP.

James Thorpe of the Carlisle Indian school won the all around amateur athletic championship of America at Celtic park, New York, N. Y., Sept. 2, 1912, with a total of 7,476 points, a new record for the event. He was first in seven of the ten contests, finishing second in the pole vault, ¼-mile walk and 16-pound hammer throw. Jon Bredemus was second with 6,303 points and B. Brodd of the Irish-American A. C. was third with 3,885 points. Record of champions and points:

1884—W. R. Thompson, Montreal.....	5,304
1885—M. W. Ford, New York.....	5,045
1886—M. W. Ford, New York.....	5,899
1887—A. A. Jordan, New York.....	5,236
1888—M. W. Ford, New York.....	5,161
1889—A. A. Jordan, New York.....	5,520
1890—A. A. Jordan, New York.....	5,353
1891—A. A. Jordan, New York.....	6,139
1892—E. W. Goff, New York.....	5,232
1893—E. W. Goff, New York.....	4,860
1894—E. W. Goff, New York.....	5,748
1895—J. Cosgrave, Albany.....	4,406½
1896—L. P. Sheldon, Yale.....	5,380
1897—E. H. Clark, Boston.....	6,244½
1898—E. C. White, New York.....	5,243
1899—J. F. Powers, Worcester.....	6,203
1900—Harry Gill, Toronto.....	6,360½
1901—A. B. Gunn, Buffalo.....	6,739
1902—A. B. Gunn, Buffalo.....	6,260½

1903—E. H. Clark, Boston.....	6.318½
1904—Thomas F. Kieley, Ireland.....	6.086
1905—M. J. Sheridan, New York.....	6.820½
1906—Thomas F. Kieley, Ireland.....	6.274
1907—Martin J. Sheridan, New York.....	7.130½
1908—J. L. Bredemus, Princeton.....	5.809
1909—Martin J. Sheridan, New York.....	7.385
1910—F. C. Thompson, Los Angeles.....	6.991
1911—F. C. Thompson, Los Angeles.....	6.709
1912—James Thorpe, Carlisle.....	7.476

ATHLETIC RECORDS MADE IN 1912.

Feb. 10—Running high jump—6 ft. 4½ in., G. C. Lawrence, Boston.	
Feb. 24—75 yards, low hurdles—:09%, Forest Smithson, Los Angeles A. C., San Francisco.	
March 2—40 yards, high hurdles—:02%, Leaming, Purdue, Lafayette, Ind.	
April 6—2-mile run—9:41%, G. M. Wykoff, Ohio State university, Chicago, Ill.	
April 15—Standing broad jump—11 ft. 6 in., Tsiklitas, Athens, Greece.	
May 4—120 yards, high hurdles—:15%, F. P. Nicholson, University of Missouri, Columbia, Mo.	
May 18—Running high jump—6 ft. 7 in., George Horne, Stanford university, California.	
June 3—Shot-put, right and left hand—91 ft. 10½ in., Ralph Rose, Stanford university.	
June 8—Pole vault—13 ft. 2½ in., Marc S. Wright, Dartmouth, Cambridge, Mass.	
July 15—Pole vault for boys under 10—5 ft. 10½ in., Robert E. Graves, Marshfield, Ore.	
Aug. 31—Throwing javelin—166 ft. 10 in., H. G. Lott, Mohawk A. C., New York, N. Y.	
Sept. 2—200-yard race—:19%, W. R. Applegarth, London, England.	
Sept. 21—1-mile run—4:18%, A. R. Kiviat, Irish-American club, Pittsburgh, Pa.	

See also Olympic games of 1912, eastern and western intercollegiate meets, long distance running, etc., for other records.

RECORD JUMP BY BOY.

At Marshfield, Ore., July 15, 1912, Robert E. Graves, aged 8 years, made a record of 5 ft. 10½ in. in the pole vault for boys under 10 years of age. Young Graves weighed 60 pounds stripped. In practice he had made 6 ft. ½ in.

WORLD'S RECORDS.

100-yard dash—:09%, R. E. Walker.*	
150-yard dash—:14, Jack Donaldson.	
200-yard dash—:17%, R. E. Walker.*	
220-yard dash—:21%, B. J. Wefers* and R. C. Craig.*	
440-yard run—:47, M. W. Long.*	
880-yard run—1:53½, F. S. Hewitt.*	
1-mile run—4:12%, W. G. George.	
2-mile run—9:09%, A. Shrubb.	
4-mile run—19:23%, A. Shrubb.	
5-mile run—24:33%, A. Shrubb.	
Marathon—2:29:39%, W. Kolehmainen.	
100-mile run—13:26:30, C. Rowell.	
120-yard hurdles—:15, Arthur B. Shaw.*	
220-yard hurdles—:23%, M. C. Kraenzlein.*	
High jump—6 ft. 5½ in., M. F. Sweeney.	
Broad jump—24 ft. 1½ in., P. O'Connor.	
Standing broad jump—11 ft. 6 in., Ray C. Ewry.*	
Pole vault—13 ft. 2½ in., Marc S. Wright.*	
Throwing 16-lb. hammer—180 ft. 5 in., M. J. McGrath.	
Putting 8-lb. shot—67 ft. 7 in., Ralph Rose.*	
Putting 12-lb. shot—55 ft. 11½ in., Ralph Rose.*	
Putting 14-lb. shot—53 ft. 4 in., Ralph Rose.*	
Putting 16-lb. shot—54 ft. 4 in., Ralph Rose.*	
Putting 18-lb. shot—43 ft. 9½ in., Ralph Rose.*	
Putting 21-lb. shot—40 ft. 3½ in., Ralph Rose.*	
Putting 24-lb. shot—38 ft. 2½ in., Ralph Rose.*	
Throwing 56-lb. weight—40 ft. 6½ in., Matt McGrath.	
Throwing discus—148 ft. 1½ in., A. R. Taipale.	

*Amateur.

BALLOONING.

CONTEST FOR BENNETT CUP.

The seventh international race for the James Gordon Bennett cup started from Stuttgart, Germany, Sunday morning, Oct. 27, 1912. There were twenty starters, three of which were Americans. One American balloon, the Kansas City II., exploded just before the start, but John Watts, who was to have piloted it with Arthur T. Atherholt, was allowed to man the Dusseldorf. The Million Population, piloted by John Berry, landed at Grambin, in the vicinity of Stettin, on the Baltic sea, and the Uncle Sam, piloted by H. E. Honeywell, landed at 6:30 o'clock on the evening of Oct. 29 at Zapadnaya, 500 miles northeast of Moscow. It was third in the race. The cup was won by the French balloon Picardie, piloted by Maurice Benaim, which covered a distance of 1,354 miles, breaking all previous records for distance traveled by balloon. It landed in Russia.

BENNETT CUP RECORD.

Year.	Winner.	Distance.
1906—America (American).....		402 miles
1907—Pommern (German).....		830 miles
1908—Helvetia (Swiss).....		620 miles
1909—America II. (American).....		695 miles
1910—America II. (American).....		1,171 miles
1911—Berlin II. (German).....		471 miles
1912—Picardie (French).....		1,354 miles

AMERICAN ELIMINATION RACE.

The American elimination balloon race for the selection of three entries for the James Gordon Bennett race in Germany later in the year began at Kansas City, Mo., July 27, 1912. There were seven starters and the victors were the Uncle Sam of the Kansas City Aero club, piloted by Capt. H. B. Honeywell, Roy F. Donaldson, aid; the Kansas City II. of the Kansas City Aero club, piloted by John Watts, George E. Quisenberry, aid, and the Drifter of the Cincinnati Aero club, piloted by Albert Holtz, Charles Trautman, aid. The Uncle Sam landed at Manassas, Va., after covering 925 miles in thirty-four hours. The Kansas City II. came to earth at Belleville, Mich., some 640 miles from the starting point, while the Drifter came down at New Berlin, Wis., 425 miles from Kansas City. The other balloons landed at Polo, Ill.; Nora, Ill.; Spring, Wis., and McGregor, Iowa.

ANTLERS TROPHY.

The balloon Kansas City II., John Watts pilot, won the race for the Antlers trophy at Colorado Springs, Col., Aug. 28, 1912. The conditions were unfavorable and the winning balloon landed only forty-two miles from the starting point.

RECORD FOR DISTANCE.

The record for distance traveled in a balloon in continuous flight is held by Maurice Benaim of France, who made 1,354 miles in contesting for the James Gordon Bennett cup Oct. 27-29, 1912. In 1900 Count de la Vaulx made a journey of 1,193 miles and in 1910 Alan R. Hawley and Augustus Post covered 1,171 miles.

The record for distance traveled in a dirigible balloon is held by Walter Wellman, who on Oct. 15-18, 1910, made approximately 1,000 miles in an attempt to cross the Atlantic in the America.

RECORD FOR HEIGHT.

The record for height made in an ordinary gas balloon is 23,750 feet. It was made by Prof. Berenson of Berlin Dec. 4, 1894.

The world's dirigible balloon record for altitude is 9,514 feet. It was made by the French dirigible Clement-Bayard III. May 20, 1912. It carried six passengers.

AREAS OF OCEANS AND GREAT LAKES.

Oceans—	Sq. miles.	Lakes—	Sq. miles.	Sq. miles.	Sq. miles.
Antarctic.....	5,731,350	Lakes—Balkal.....	13,000	Huron.....	23,800
Arctic.....	4,781,000	Chad.....	50,000	Michigan.....	22,450
Atlantic.....	34,801,400	Erle.....	9,960	Nyassa.....	12,000
Indian.....	17,084,000	Great Bear.....	10,000	Ontario.....	7,240
Pacific.....	67,699,630	Great Slave.....	12,000	Superior.....	31,290
				Tanganyika.....	15,000
				Victoria Nyanza.....	26,500
				Winnipeg.....	9,000

AERONAUTICAL PROGRESS IN 1912.

GENERAL REVIEW.

No startling changes were made in the construction of aeroplanes in 1912, but some progress was made in the direction of reliability and speed. New endurance, distance, speed, altitude and passenger carrying records were made, chiefly in Europe. France took the lead in developing and perfecting the air machine and consequently the aviators of that country carried off the chief honors. American flyers, however, carried off a fair share of honors and American builders of craft capable of navigating both on the water and in the air were in some respects ahead of their European competitors. Aeroplanes were used in the Italian-Turkish war in Tripoli, but without remarkable success. Their usefulness for scouting purposes was demonstrated not only there but at the army maneuvers in Europe, but as engines of destruction they were practically failures.

The world of aviation suffered a severe loss in the death of Wilbur Wright at Dayton, O., May 30. The science of navigating the air probably owed more to him in the direction of practical results than to any other one man. Had his life been spared it seems likely that the art of flying would soon have been made less hazardous, as he was engaged in studying safety devices when he was taken ill. As will be seen from the record of fatalities in 1912, aviation is still extremely hazardous. From Dec. 1, 1911, to Nov. 1, 1912, more than eighty aviators and passengers, not counting balloonists, were killed in accidents in Europe and America.

LONG DISTANCE FLIGHTS.

FROM CHICAGO TO MILWAUKEE.

Farnum T. Fish made a flight of about ninety miles from Chicago to Milwaukee May 25, 1912. His course was over Lake Michigan except at the start and the finish, and the claim was made for him that he had broken the world's overwater record of 78 miles held by Paulham. The start was made at 11:19 a. m. from Cicero aviation field, Chicago. Rising to a height of about 2,000 feet, the aviator, a boy in a red suit, headed for the lake and then steered north over the lake, passing Fort Sheridan at 11:55 a. m., Waukegan at 12:05 p. m., Kenosha at 12:30 p. m. and Racine at 12:45 p. m. He landed in Lake park, Milwaukee, at 1:25 p. m. His time, therefore, was 2 hours 6 minutes. He carried with him a package of silk weighing seventy-five pounds, consigned to a department store in Milwaukee. Fish used a Curtiss biplane.

BERLIN TO VIENNA.

Holmuth Hirth, a German, won an aeroplane race from Berlin, Germany, to Vienna, Austria, June 9-10, 1912. He carried Lieut. Schoeller of the German army as a passenger and made the distance of 330 miles in 395 minutes, or 6 hours 35 minutes' actual flying time. In the course of the race the contestants had to cross a range of mountains rising to an elevation of 4,837 feet. The first stage of the race was from Berlin to Breslau and the second from Breslau to Vienna.

FIRST FLIGHT ACROSS LAKE ERIE.

Earl Sandt crossed Lake Erie in an aeroplane from Erie, Pa., to Port Rowan, Ont., Feb. 20, 1912. He started at 2:41 p. m. and arrived at the Canadian town at 3:15. He attempted to return the same way, but when within ten miles of the American shore his engine gave out and the aeroplane dropped to the ice. Sandt was injured in the fall, but was able to walk to the shore. The distance from Erie to Port Rowan is about forty miles.

LONDON TO PARIS WITHOUT STOP.

Henri Salmet, a French aviator, left London a little after 8 o'clock on the morning of March 7, 1912, in his monoplane and arrived at Paris at 11 a. m., having covered the distance of 222 miles in 2 hours 57 minutes without making a stop. He traveled at an average height of 6,000 feet and was favored by a strong wind. He attempted to return the same day, but was forced to descend at Berck, France.

LONGEST STRAIGHTAWAY FLIGHT.

Pierre Daucourt won the Pomery cup for the longest straightaway flight between sunrise and sunset Oct. 6, 1912, by covering 570 miles. He

started at 5:59 a. m. at Valenciennes, France, near the Belgian border, and flew directly to Biarritz, near the southwestern extremity of France, arriving there at 5:33 p. m. He made three stops to replenish his tanks.

FLIGHT OVER IRISH SEA.

Corbett Wilson, an English aviator, made a flight across the Irish sea April 22, 1912. He started from Fishguard in a heavy rain and fog and landed at Enniscothy, just north of Wexford. In alighting he smashed the propeller of his machine, which prevented him from continuing his flight to Dublin.

TO CATALINA ISLANDS AND BACK.

May 10, 1912, Glenn Martin, using a hydroplane of his own construction, made a flight from Newport bay, California, to Avalon, Catalina islands, covering the thirty-four miles in 37 minutes. He returned the same evening, landing on Balboa island in the bay.

WOMAN FLIES OVER CHANNEL.

Miss Harriet Quimby, American, crossed the English channel from Dover to Hardelot April 16, 1912. Her time was 2 hours. She was the first woman to fly across the channel alone. Miss Quimby met her death by falling 1,000 feet with her aeroplane at Atlantic, Mass., July 1.

CHICAGO'S SECOND AVIATION MEET.

The second international aviation meet under the auspices of the Aero Club of Illinois took place in Chicago Sept. 12-21, 1912. The first five days' contests were on the Cicero field and the remainder of the programme was carried out on the lake front, or Grant park. As in 1911, the meet was marred by fatal accidents. Paul Peck, a noted flyer, was practicing in his Columbia biplane Sept. 11 and had reached a height of 1,000 feet when he tried to make a spiral descent. The machine was about 300 feet from the ground when he lost control and it fell straight to the ground. Peck was pinned under the wreckage and so severely injured that he died in a hospital a few hours later.

Saturday, Sept. 14, Howard Gill, member of a well known Baltimore family, was almost instantly killed when his biplane came into collision with a monoplane piloted by George Mestach of Paris, France. It was dusk at the time and the aviators, who were engaged in speed racing, could not see distinctly. The running gear of the monoplane struck the tail of the biplane, tearing it off. Both machines crashed to the ground, with the result that Gill was killed and Mestach seriously though not fatally injured.

The winners of the principal events in the meet were as follows:

- Sept. 12—Accurate landing, motor off 1,000 feet up—Glenn Martin, America; 14 feet.
- Accurate throwing of mail into net—Anthony Jannus, America; 49 feet 6 inches.
- 20 kilometer (12.4 miles) biplane handicap—Anthony Jannus, America; net time, 11:40.4.
- 20 kilometer monoplane race—George Mestach, France; net time, 13:58.55.
- Sept. 13—Accurate landing, motor off 1,000 feet up—Glenn Martin, America; 9 feet.
- Quickest getaway to 500 feet—Glenn Martin, America; 17.45 seconds.
- 20 kilometer, passenger carrying, biplane handicap—DeLloyd Thompson; net time, 14:09.76.
- 20 kilometer, passenger carrying, monoplane handicap—George Mestach, France; net time, 14:55.23.
- Sept. 14—Bomb throwing at target—Farnum Fish, American; 4 points.
- 20 kilometer biplane race—Horace Kearney, American; 12:49.35.
- Sept. 15—Bomb throwing at target—Max Lille, American; 4 points.
- 20 kilometer biplane handicap—Farnum T. Fish; 20:57.83.

The events on the lake front were chiefly of the exhibition order and Lincoln Beachey was the leading performer. Bad weather interfered to some extent with the programme, but the attendance on the whole was good. The winnings of the successful aviators were: Glenn Martin, \$4,854; Anthony Jannus, \$4,003; Max Lille, \$2,811; Beckwith Havens, \$2,057; DeLloyd Thompson, \$2,057.

Officers of the Aero Club of Illinois—President, Harold F. McCormick; secretary, Harold W. Robbins; consulting engineer, Sydney V. James; directors, B. J. Arnold, Frank X. Mudd, James E. Plew, Everett C. Brown, Grover F. Sexton, Robert G. McGann.

FRENCH AVIATION DERBY.

The French aviation derby was won June 17, 1912, by Roland Garros. The course was 683 miles in length, the flyers having to complete seven times a triangle from Angers to Cholet, from Cholet to Saumur and Saumur to Angers. The prize given by the French Aero club to the winner of the event was worth \$10,000.

FLYING DERBY IN ENGLAND.

The first flying derby over an eighty-one mile course around London was won June 8 by Tom Sopwith in 1 hour 22 minutes. The prize was a gold cup and \$1,250. Seven flyers entered the race, which began and ended at Hendon, six miles from the center of London. J. G. Hamel was second and W. Moorhouse third.

DURATION RECORDS.

Sept. 11, 1912, at Etampes, France, G. Fourny, while competing for the Criterium prize offered by the French Aero club, made an aeroplane flight which continued without a stop for 13 hours 18 minutes. The total distance covered was 1,010 kilometers, or approximately 628 miles. The performance constituted a record for time and distance without a stop over a closed circuit.

Sept. 8, 1911, M. Helen, while competing for the Michelin cup, made a flight lasting 14 hours 7 minutes, with a distance record of 776.86 miles, but he made three stops.

AMERICAN ENDURANCE RECORD.

By remaining in the air continuously for 6 hours 10 minutes 35 seconds, Lieut. John H. Towers of the United States navy broke the American endurance record at Annapolis, Md., Oct. 5, 1912. The former record, held by Paul Peck, was 4 hours 23 minutes 15 seconds (made May 24, 1912). Lieut. Towers' flight was made in a Curtiss hydroaeroplane.

RECORD FOR ALTITUDE.

Georges Legagneux, Pau, France, Dec. 9, 1910, 10,499 feet.

Arch Hoxsey, Los Angeles, Cal., Dec. 26, 1910, 11,474 feet (unofficial).

Capt. Felix, Etampes, France, Aug. 5, 1911, 11,339 feet.

Lincoln Beachey, Chicago, Ill., Aug. 20, 1911, 11,642 feet.

Lieut. Roland G. Garros, Parame, France, Nov. 7, 1911, 13,943 feet.

Lieut. Blaschke, Vienna, June 29, 1912, 14,300 feet.

Roland G. Garros, Houlgate, Sept. 6, 1912, 16,076 feet.

Georges Legagneux, Villacoublay, Sept. 17, 1912, 17,881 feet.

SPEED RECORD ESTABLISHED.

At Clearing, near Chicago, Sept. 9, 1912, Jules Vedrines of France, using a 140 horsepower Deperdussin monoplane, broke the world's aeroplane speed record by flying 20 kilometers (12.4 miles) in 6 minutes 55.95 seconds. His average rate per hour was nearly 107½ miles and per minute 1.79 miles.

JAMES GORDON BENNETT CUP.

Jules Vedrines of France won the James Gordon Bennett international aviation cup and with it the world's championship at Clearing, near Chicago, Sept. 9, 1912. He covered the distance of 124.3 miles in 70 minutes 56.8 seconds, or at the rate of nearly 105.5 miles an hour. The machine he used was a 140 horsepower Deperdussin monoplane. Maurice Prevost, who also used a Deperdussin machine, but of only 100 horsepower, was second in the race, making the distance in 75 minutes 25.7 seconds. Andre Frey, another member of the French team, had to quit on account of engine trouble. There was no American contestant. Winners of cup to date:

1909—Glenn H. Curtiss.

1910—Claude Grahame-White.

1911—Charles F. Weymann.

1912—Jules Vedrines.

AVIATION FATALITIES.

Dec. 1, 1911, to Nov. 15, 1912.

Dec. 3, 1911—Tod Schriver, San Juan, Porto Rico.

Dec. 3—Herr Reeb, Munich, Germany.

Dec. 6—Hubert Oxley and Robert Weiss, Filey, England.

Dec. 13—Lieut. Chari Lantheume, Melun, France.

Jan. 12, 1912—M. Ruchonnet, Senlis, France.

Jan. 20—Alfred Wagner, Juvisy, France.

Jan. 21—Lieut. Boerner, Senlis, France.

Jan. 22—Rutherford Page, Los Angeles, Cal.

Feb. 16—Herr Schmidt, Berlin, Germany.

Feb. 17—Graham Gilmour, Brooklands, England.

March 10—Suzanne Bernard, Etampes, France.

March 15—Herr Witte, Teltow, Germany.

March 23—Lieut. Albockinoff and assistant, Sebastopol, Russia.

April 3—Calbraith P. Rodgers, Long Beach, Cal.

April 13—Lieut. M. H. A. Boncour, Bar-le-Duc, France.

April 17—John Vorrept, Marseilles, France.

April 19—Lieut. Billie Davray, Verdun, France.

May 1—Gordon Hoessl, Berlin, Germany.

May 7—Herr Schmayer, Berlin, Germany.

May 13—Hans Schmigelski, Cassel, Germany.

May 13—Victor Louis Mason, Brooklands, England.

May 13—E. V. Fisher, Brooklands, England.

May 13—Ray Wheeler, St. Louis, Mo.

May 21—Fred J. Southard, Xenia, O.

May 25—Lieut. Schlichling, Johannisthal, Germany.

June 1—Phillip O. Parmalee, North Yakima, Wash.

June 1—M. Robi, Savigny-sur-Orge, France.

June 2—Albert Buchstaetter and Lieut. Stille, Bremen, Germany.

June 8—M. Visseur, Mourmelon, France.

June 9—M. Kimmerring and M. Tonnel, Mourmelon, France.

June 11—Lieut. L. W. Hazlehurst and A. L. Welch, College Park, Md.

June 15—Miss Julia Clark, Springfield, Ill.

June 19—Capt. Dubois and Lieut. A. Peignan, Douai, France.

June 21—Lieut. Von Falkenhayn, Doeberitz, Germany.

June 29—Herr Schadt, Mulhausen, Germany.

July 1—Miss Harriet Quimby and W. A. P. Willard, Boston, Mass.

July 5—Capt. E. B. Loraine and Sergt.-Maj. Wilson, Salisbury Plain, England.

July 9—Rene Bedel, Chalons-sur-Marne, France.

July 13—Victor M. Smith, Jr., Palo Alto, Cal.

July 15—M. Ollivares, Bourges, France.

July 15—Lieut. Zekutski, Sebastopol, Russia.

July 18—Lieut. Preusser, Leipzig, Germany.

July 27—Herr Fischer and Herr Kugler, Munich, Germany.

Aug. 3—Charles Lindsay, Byfleet, England.

Aug. 13—R. C. Fenwick, Salisbury, England.

Aug. 21—George Thompson, Denver, Col.

Aug. 28—Lieut. L. F. M. Chandenier, Crecy-sur-Seine, France.

Sept. 4—M. Karmulakiss, Athens, Greece.

Sept. 6—Capt. Patrick Hamilton and Lieut. Stewart, Stevenage, England.

Sept. 6—William Chambers, Greene, N. Y. (Died Sept. 11.)

Sept. 6—Lieut. Steger, Munich, Germany.

Sept. 10—Lieut. C. A. Bettington and Lieut. E. Hotchkiss, Wolvercote, England.

Sept. 11—Lieut. Siebert, Saxony, Germany.

Sept. 11—Col. Paul Peck, Chicago, Ill.

Sept. 14—Howard Gill, Chicago, Ill.

Sept. 20—Russell Blair, Shenandoah, Iowa.

Sept. 21—Lieuts. Berger and Junghans, Freiburg, Germany.

Sept. 21—H. J. D. Astley, Belfast, Ireland.

Sept. 25—Lieut. Regazzoni, Turin, Italy.

Sept. 28—Lieut. L. C. Rockwell and Corporal F. S. Scott, College Park, Md.

Sept. 28—John L. Longstaff, Hempstead, N. Y.

Sept. 30—Lieut. Willy Hefer, Sonnenburg, Germany.

Oct. 3—Charles F. Walsh, Trenton, N. J.

Oct. 6—Ernst Alig and mechanician, Johannisthal, Germany.

Oct. 6—Kondo (Japanese), Hammondsport, N. Y.

Oct. 15—Cobini and Bippert, Chaux-de-Fonds, Switzerland.

Oct. 17—Lieut. Blano, Chalons, France.
 Oct. 19—Lieut. Weissbarth and passenger, Geingen, Germany.
 Oct. 20—Amdee Lacour, Mussidan, France.
 Oct. 23—Louis Mitchell, Montgomery, Ala.
 Oct. 30—Lieut. Hamburger, Oberwiesefeld, Germany.
 Nov. 6—Lieut. Altrichter and Herr Meyer, Haibersstadt, Germany.

HARRIET QUIMBY AND PASSENGER KILLED.
 Miss Harriet Quimby of New York and W. A. P. Willard, manager of the Boston aviation meet, were killed at Atlantic, Mass., July 1, 1912, when the Bleriot aeroplane which she was guiding fell 1,000 feet into Dorchester bay. The accident happened as they were returning from a trip over Boston harbor to Boston light, a distance of twenty miles. The wind was gusty, and when Miss Quimby attempted to volplane the machine took a perpendicular position, throwing her and her companion from their places and then plunging after them into the bay. Both were instantly killed. Miss Quimby was the first woman to obtain an aviator's license in America and the first woman to cross the English channel in an aeroplane.

CALBRAITH P. RODGERS KILLED.
 Calbraith P. Rodgers, one of the best known aviators in the United States, was killed by falling with his aeroplane into the surf at Long Beach, Cal., April 3, 1912. He was making an exhibition flight and when at a height of about 200 feet over the ocean started to return to shore. He was seen to relax his hold on the levers and the machine dove straight down into the breakers. Two lifeguards were the first to reach the aeroplane. They found Rodgers lying with his head over one of the wings and his body under the engine. He was lifted from the wreck and hurried to a hospital on the beach, but died before he reached it.

Rodgers won a \$10,000 prize for duration at the aviation meet in Chicago in 1911 and later in that year secured international fame by flying from Sheephead Bay, N. Y., to Los Angeles, Cal., being the first man to accomplish the feat of crossing the American continent in an airship.

MISS JULIA CLARK KILLED.

Miss Julia Clark, 23 years of age, was killed at Springfield, Ill., June 17, 1912, while making a test flight in a biplane at the Illinois state fair grounds. The machine came in collision with a clump of trees and fell thirty feet to the ground. Miss Clark was so badly crushed that she died while being taken to a hospital. She learned aviation at San Diego, Cal.

MISCELLANEOUS.

S. F. Cody won the prize of \$20,000 offered by the British army authorities in a competition open to all the airmen of the world, using any make of machine. He also won a prize of \$5,000 in a contest open to British subjects only. The awards were made Aug. 20.

Lieut. Scott of the United States won the Michelin prize of \$5,000 in the aeroplane bomb dropping contest at Mourmelon, France, Aug. 11.

Charles T. Weymann, American, won the hydro-aeroplane race from St. Malo to the island of Jersey and back in the English channel Aug. 26. The distance of about ninety miles was made in 1 hour 40 minutes.

John Verrept, carrying two passengers, attained an altitude of 3,526 feet at Senlis, France, Jan. 20.

Herr Hoffman, driving a monoplane, took up four passengers at Johannisthal, Germany, March 8, and flew with them 32 minutes and 33 seconds, establishing a world's record. This was broken July 5 when Herr Chlirmeister remained in the air 33 minutes 42 seconds with four passengers.

B. W. Atwater made a record of 2:31½ over a five kilometer course near San Diego, Cal., Feb. 26.

At Compiègne, France, July 5, M. Legagneux, with one passenger, traveled seventy-seven miles in one hour.

March 10, 1911, M. Busson at Rheims, France, with three passengers, in a Deperdussin machine, remained in the air 31 minutes 23½ seconds.

Jan. 25, 1912, at Johannisthal, Germany, Dr. G. Ulich carried three passengers in his Harlan monoplane for 1 hour and 35 minutes.

THE HOMESTEAD LAW.

Any person who is the head of a family, or who is 21 years old and is a citizen of the United States or has filed his declaration of intention to become such, and who is not the proprietor of more than 160 acres of land in any state or territory, is entitled to enter one-quarter section (160 acres) or less quantity of unappropriated public land under the homestead laws. The applicant must make affidavit that he is entitled to the privileges of the homestead act and that the entry is made for his exclusive use and for actual settlement and cultivation, and must pay the legal fee and that part of the commission required, as follows: Fee for 160 acres, \$10; commission, \$4 to \$12. Fee for eighty acres, \$5; commission, \$2 to \$6. Within six months from the date of entry the settler must take up his residence upon the land and cultivate the same for five years continuously. At the ex-

piration of this period, or within two years thereafter, proof of residence and cultivation must be established by four witnesses. The proof of settlement, with the certificate of the register of the land office, is forwarded to the general land office at Washington, from which a patent is issued. Final proof cannot be made until the expiration of five years from date of entry, and must be made within seven years. The government recognizes no sale of a homestead claim. After the expiration of fourteen months from date of entry the law allows the homesteader to secure title to the tract, if so desired, by paying for it in cash and making proof of settlement, residence and cultivation for that period.

The law allows only one homestead privilege to any one person. (See "Work of Congress" in this volume for changes in homestead law.)

DISASTROUS FLOOD IN DENVER, COL.

Six hundred persons were made homeless, several deaths were caused and property valued at \$5,000,000 was destroyed as the result of a cloudburst and flood which swept down Cherry creek and through Denver, Col., Sunday evening, July 14, 1912. Almost the entire residence district from Broadway east to the city limits and from Broadway to the Platte river, between 13th street and 7th avenue, was under several feet of water. The union rail-

road station was flooded, the tracks submerged and train service cut off. The cloudburst was preceded by a heavy wind and rain storm. Most of the damage was done by a wall of water, twenty-five feet high, which came down Cherry creek at 9:30 o'clock in the evening and swept scores of buildings from their foundations. Most of the people were given warning in time to enable them to seek places of safety.

MUTINY IN NEBRASKA PENITENTIARY.

Three convicts in the state penitentiary near Lincoln, Neb., to whom guns and dynamite had been smuggled, shot and killed James Delahanty, the prison warden, March 14, 1912. They also killed A. C. Hellman, prison usher, and Charles Wagner, deputy warden, and wounded Thomas J. Doody, a cellhouse keeper. The convicts, Charles Taylor, John Dowd and Charles Morley, under sentence for robbery and burglary, then made their escape.

Dynamite was used in blowing off the lock of a steel door at the public entrance to the prison. The escaped convicts managed to elude the authorities until the 18th, when they were overtaken by a posse at a point near Omaha. They were in a wagon with a farmer, Roy Blunt, whom they were holding as a hostage. In the running gun fight which followed Dowd, Taylor and Blunt were killed. Morley was captured.

CHURCHES IN THE UNITED STATES IN 1911.

[Compiled by Dr. H. K. Carroll for the Christian Advocate, New York, N. Y.]

Denomination.	Minis- ters.	Churches.	Mem- bers.	Denomination.	Minis- ters.	Churches.	Mem- bers.
Adventists—1. Evangelical.....	*8	*18	*481	Churches of God (Wine- brennarian).....	509	595	41,475
2. Advent Christians.....	*528	*550	*26,799	Churches of the Living God (colored)—			
3. Seventh Day.....	534	1,837	65,240	1. Christian Workers for Friendship.....	*51	*44	*2,676
4. Church of God.....	*32	*20	*611	2. Apostolic.....	*30	*15	*752
5. Life and Advent Union.....	*12	*12	*509	3. Church of Christ in God.....	*20	*9	*858
6. Churches of God in Jesus Christ.....	*56	*63	*2,124	Total Churches of the Living God.....	101	68	4,286
Total Adventists.....	1,170	2,499	95,764	Churches of the New Jeru- salem—			
Baptists—1. Regular (north).....	8,223	9,715	1,211,426	1. General Convention....	107	130	8,500
2. Regular (south).....	14,635	22,795	2,304,724	2. General Church.....	24	16	890
3. Regular (colored).....	12,772	17,364	1,799,222	Total New Jerusalem Churches.....	131	146	9,390
4. Six-Principle.....	10	16	731	Communicative Societies—			
5. Seventh Day.....	98	82	8,119	1. Shakers.....		*15	*516
6. Free.....	1,186	1,112	70,380	2. Amama.....		*7	*1,756
7. Freewill.....	604	623	40,573	Total Communicative So- cieties.....		22	2,272
8. General.....	550	545	33,600	Congregationalists.....	6,070	6,050	741,400
9. Separate.....	*100	*76	*5,180	Disciples of Christ—			
10. United.....	*260	*196	*13,693	1. Disciples of Christ.....	5,970	10,830	1,308,116
11. Bap. Church of Christ.....	*99	*93	*6,416	2. Churches of Christ....	*2,100	*2,649	*156,658
12. Primitive.....	*1,500	*2,922	*102,311	Total Dis. of Christ.....	8,070	13,479	1,464,774
13. Primitive (colored).....	*1,480	*797	*35,076	Evangelical Bodies—			
14. Old Two-Seed-in-the- Spirit Predestinarian.....	*35	*55	*781	1. Evangelical Association.....	979	1,665	109,506
15. Church of God and Saints of Christ.....	*75	*48	*1,823	2. United Evangelical Ch.....	513	969	74,063
Total Baptists.....	41,627	56,439	5,634,565	Total Evang. Bodies.....	1,492	2,634	183,574
Brethren (Dunkards)—				Faith Associations—			
1. Conservative.....	3,050	913	100,000	1. Apostolic Faith Move- ment.....		*6	*538
2. Old Order.....	218	75	4,000	2. Peniel Missions.....	*30	*11	*703
3. Progressive.....	186	214	19,427	3. Metropolitan Church Association.....	*29	*6	*466
4. Seventh Day (German).....	8	14	250	4. Hepzibah Faith Assn....	*36	*10	*293
Total Dunk'd Breth'n.....	3,462	1,216	123,677	5. Missionary Church Assn.....	*35	*32	*1,256
Brethren (Plymouth)—				6. Heavenly Recruit Church.....	*55	*27	*938
1. Brethren I.....	*134	*2,933		7. Apostolic Christ'n Ch'h.....	*19	*42	*4,558
2. Brethren II.....	*128	*4,752		8. Christian Congregation.....	*26	*9	*395
3. Brethren III.....	*81	*1,724		9. Voluntary Missionary Society (colored)....	*11	*3	*425
4. Brethren IV.....	*60	*1,157		Total Faith Assns....	241	146	9,572
Total Plym. Brethren.....	403	10,566		Free Christian Zion Church.....	*20	*15	*1,835
Brethren (River)—				Friends—			
1. Brethren in Christ.....	174	65	3,475	1. Orthodox.....	1,257	900	99,148
2. Old Order or Yorker....	*24	*9	*423	2. "Hicksite".....	99	211	19,597
3. United Zion's Children.....	*22	*28	*749	3. "Wilburite".....	*47	*48	*3,880
Total River Brethren.....	220	102	4,847	4. Primitive.....	*10	*8	*171
Buddhists—				Total Friends.....	1,413	1,167	122,796
1. Chinese Temples.....	*1	*62		Friends of the Temple.....	3	3	*376
2. Japanese Temples.....	*14	*12	*3,165	German Evang. Protestant.....	*59	*66	*34,704
Total Buddhists.....	15	74	3,165	German Evangelical Synod.....	1,036	1,308	253,890
Catholic Apostolic—				Jewish Congregations.....	*1,084	*1,769	143,000
1. Catholic Apostolic.....	*14	*11	*2,907	Latter Day Saints—			
2. New Apostolic.....	*19	*13	*2,020	1. Utah Branch.....	1,223	780	350,000
Total Cath. Apostolic.....	33	24	4,927	2. Reorganized Branch....	1,260	570	50,650
Catholic (Eastern Orthodox)				TL. Latter Day Saints.....	2,483	1,350	400,650
1. Armenian Apostolic.....	14	21	50,000	Lutherans—			
2. Russian Orthodox.....	110	114	60,000	1. General Synod.....	1,341	1,803	309,702
3. Greek Orthodox.....	75	66	175,000	2. United Synod (south).....	248	472	49,585
4. Syrian Orthodox.....	20	20	40,000	3. General Council.....	1,522	2,336	467,495
5. Servian Orthodox.....	10	10	59,000	4. Synodical Conference.....	2,753	3,430	780,938
6. Roumanian Orthodox....	5	5	20,000	5. United Norwegian.....	561	1,504	170,088
7. Bulgarian Orthodox.....	3	3	20,000	Independent Synods—			
Total East. Catholics.....	237	239	424,000	6. Ohio.....	603	838	131,923
Catholic (Western)—				7. Buffalo.....	30	42	5,600
1. Roman Catholic.....	17,120	13,701	2,556,612	8. Hauge's.....	165	247	36,000
2. Polish Catholic.....	*24	*24	*15,473	9. Ellesen's.....	6	37	1,200
3. Reformed Catholic.....	7	6	3,000	10. Texas.....	22	35	4,500
Total West. Catholics.....	17,151	13,731	2,575,085	11. Iowa.....	527	969	109,848
Christadelphians.....		*70	*1,412				
Christians.....	993	1,329	87,478				
Christian Catholic (Dowie).....	*35	*17	*5,865				
Christian Scientists.....	2,612	1,306	85,096				
Christian Union.....	295	237	13,905				

Denomination.	Minis- ters.	Churches.	Mem- bers.	Denomination.	Minis- ters.	Churches.	Mem- bers.	
12. Norwegian	387	1,050	91,450	Pentecost Bodies—				
13. Danish in America	62	117	13,340	1. Pentecost Church	750	470	20,501	
14. Icelandic	15	41	3,330	2. Other Pentecostal Asso- ciations	*115	*30	*1,420	
15. Immanuel	12	6	2,500	Total Pent'l Bodies..	865	500	21,921	
16. Suomal (Finnish).....	31	122	14,075	Presbyterians—				
17. Finnish Apostolic	64	300	20,000	1. Northern	9,062	9,931	1,340,310	
18. Finnish National	22	72	8,000	2. Cumberland	925	1,760	120,000	
19. Norwegian Free	162	345	18,500	3. Cumberland (colored)..	*375	*196	*18,066	
20. Danish United	116	179	10,823	4. Welsh Calvinistic	91	148	13,759	
21. Slovakian	18	52	12,000	5. United	1,010	995	136,850	
22. Church of the Luther- an Brethren.....	13	17	1,900	6. Southern	1,712	3,381	287,174	
23. Jehovah	9	11	1,100	7. Associate	*12	*22	*786	
Ind. Congregations....	85	205	26,000	8. Associate Reformed (south)	106	142	14,017	
Total Lutherans.....	8,774	14,321	2,289,897	9. Reformed (Synod).....	145	115	9,336	
Scandinavian Evang. Bodies—				10. Reformed (Gen'l Synod) ..	17	19	3,400	
1. Swedish Evangelical Mission Covenant.....	391	540	46,000	11. Reformed (Covenanted)		1	40	
2. Swedish Evangelical Free Mission.....	152	154	18,500	12. Reformed in the United States and Canada..	1	1	443	
3. Norwegian Evang. Free ..	65	150	4,000	Total Presbyterians. 13,396		16,711	1,944,181	
Total Scand. Evang..	608	844	68,500	Protestant Episcopal—				
Mennonites—				1. Protestant Episcopal....	5,359	7,621	947,320	
1. Mennonite	*346	*220	*18,674	2. Reformed Episcopal....	94	80	9,610	
2. Bruderhof	*9	*8	*275	Total Prot. Episcopal 5,453		7,701	956,930	
3. Amish	*131	*57	*7,640	Reformed—				
4. Old Amish	*141	*46	*5,043	1. Reformed (Dutch).....	750	689	117,288	
5. Apostolic	2	2	209	2. Reformed (German).....	1,241	1,759	297,289	
6. Reformed	*34	*32	*2,079	3. Christian Reformed	145	193	31,563	
7. General Conference	*143	*90	*11,661	4. Hungarian Reformed....	*18	*16	*5,253	
8. Church of God in Christ ..	*17	*18	*562	Total Reformed.....	2,154	2,657	451,938	
9. Old (Wisler)	*18	*9	*655	Salvationists—				
10. Bundes Conference.....	*36	*19	*2,533	1. Salvation Army.....	3,053	852	26,288	
11. Defenceless	*26	*14	*967	2. American Salv. Army..	*59	*20	*436	
12. Brethren in Christ....	*70	*68	*2,801	Total Salvationists....	3,112	872	26,724	
Separate Conferences(2)	*35	*21	*1,908	Schwenkfeldians	6	8	850	
Total Mennonites....	1,008	606	55,007	Social Brethren	*15	*17	*1,262	
Methodists—				Society for Ethical Culture ..	7	6	2,450	
1. Methodist Episcopal....	18,988	28,458	3,234,822	Spiritualists		1,500	200,000	
2. Union American Metho- dist Episcopal	138	255	18,500	Theosophical Society		123	3,092	
3. African Methodist Episcopal	6,774	5,630	620,234	United Brethren—				
4. African Union Metho- dist Protestant	200	125	4,000	1. United Brethren	1,837	3,725	291,461	
5. African Methodist Episcopal Zion	3,488	3,298	547,216	2. United Brethren (Old Constitution)	320	537	20,373	
6. Methodist Protestant....	1,371	2,288	183,318	Total United Breth'n 2,207		4,262	311,834	
7. Wesleyan Methodist	596	574	19,121	Unitarians	533	492	70,542	
8. Meth. Episcopal (south) ..	6,413	16,772	1,892,454	Universalists	709	886	53,048	
9. Congregational Meth	337	333	15,529	Independent Congregations ..	267	879	48,673	
10. Congregational Metho- dist (colored)	5	5	319	Grand total for 1911. 172,431		221,197	35,836,190	
11. New Cong. Methodist	*59	*35	*1,782	Grand total for 1910. 170,441		218,365	35,241,824	
12. Zion Union Apostolic	*33	*45	*3,059	*Federal census of 1906.				
13. Colored Meth. Episcopal ..	2,901	2,857	234,721	ORDER OF DENOMINATIONAL FAMILIES.				
14. Primitive	71	90	7,266	Denominational	Rank	Communi- cants in 1911.	Rank	Communi- cants in 1906.
15. Free Methodist	1,147	1,144	32,158	families.				
16. Reformed Methodist Union Episcopal	40	58	4,000	Catholic (Roman, etc.).....	1	12,575,083	1	6,257,871
17. Independent Methodist	2	2	1,161	Methodist	2	6,819,660	2	4,589,284
Total Methodists.....	42,563	61,969	6,819,660	Baptist	3	5,634,565	3	3,717,969
Moravian Bodies—				Lutheran	4	2,289,897	5	1,231,072
1. Moravians	139	120	18,168	Presbyterian	5	1,944,181	4	1,278,362
2. Union Bohemians and Moravians	*3	*15	*771	Episcopal	6	956,330	6	540,509
Total Moravian Bodies	142	135	18,939	Reformed	7	451,938	7	309,458
Nonsectarian Bible Faith Churches	*50	*204	*6,396	Latter Day Saints	8	400,650	9	166,125
				United Brethren.....	9	311,834	8	225,281
				Dunkard Brethren.....	10	123,677	13	73,795
				Friends	11	122,796	11	107,208
				Adventists	12	95,764	14	60,491

SUMMARY FOR 1911.

Denomination.	Minis- ters.	Churches.	Communi- cants.	Minis- ters.	Churches.	Communi- cants.
Adventists (six bodies)	1,170	2,499	95,764	17	11	118
Baptists (fifteen bodies)	41,627	56,439	5,634,565	262	121	31,428
Brethren (Dunkards, four bodies) ..	3,462	1,216	123,677	33	28	830
Brethren (Plymouth, four bodies) ..		403	10,566			
Brethren (River, three bodies)	220	102	4,847			

Denomination.	Min- isters.	Churches.	Communi- cants.	Gain ministers.	Gain churches.	Gain com- municants
Buddhists (two bodies).....	15	74	3,165	.....	.....	.....
Catholic Apostolic (two bodies).....	33	24	4,927	.....	.....	.....
Catholics (Eastern Orthodox, seven bodies).....	237	239	424,000	.....	.....	39,000
Catholics (Western, three bodies).....	17,151	13,731	12,575,085	4	240	131,565
Christadelphians.....	.....	.....	1,412	.....	.....	.....
Christians.....	993	1,329	87,478	.....	.....	.....
Christian Catholic (Dowie).....	35	17	5,865	.....	.....	.....
Christian Scientists.....	2,612	1,306	85,096	404	202	.....
Christian Union.....	295	237	13,905	.....	.....	.....
Church of God (Winebrennarian).....	509	595	41,475	.....	.....	.....
Church of the Living God (colored, three bodies).....	101	68	4,286	.....	.....	.....
Church of the New Jerusalem (two bodies).....	131	146	9,390	*1	*6	76
Communist Societies (two bodies).....	.....	22	2,272	.....	.....	.....
Congregationalists.....	6,070	6,050	741,400	25	.....	6,000
Disciples of Christ (two bodies).....	8,070	13,479	1,464,774	.....	.....	.....
Evangelical (two bodies).....	1,492	2,634	183,574	3	*20	1,500
Faith Associations (nine bodies).....	241	146	9,572	.....	.....	.....
Free Christian Zion Church.....	20	15	1,855	.....	.....	.....
Friends (four bodies).....	1,413	1,167	122,796	*43	70	*922
Friends of the Temple.....	3	3	376	.....	.....	.....
German Evangelical Protestant.....	59	66	34,704	.....	.....	.....
German Evangelical Synod.....	1,036	1,308	253,890	12	*6	17,275
Jewish Congregations.....	1,084	1,769	143,000	.....	.....	.....
Latter Day Saints (two bodies).....	2,483	1,350	400,650	.....	.....	.....
Lutherans (twenty-three bodies).....	8,774	14,321	2,289,897	115	519	46,411
Scandinavia Evangelical (three bodies).....	608	844	68,500	80	421	10,500
Mennonites (twelve bodies).....	1,008	606	55,007	.....	.....	.....
Methodists (seventeen bodies).....	42,563	61,969	6,819,660	932	394	204,289
Moravians (two bodies).....	142	135	18,939	6	*1	223
Nonsectarian Bible Faith Churches.....	50	204	6,396	.....	.....	.....
Pentecostal (two bodies).....	365	500	21,921	50	42	501
Presbyterians (twelve bodies).....	13,395	16,711	1,944,381	54	225	23,414
Protestant Episcopal (two bodies).....	5,453	7,701	956,930	73	49	18,540
Reformed (four bodies).....	2,154	2,657	451,938	44	38	8,748
Salvationists (two bodies).....	3,112	872	26,724	*84	*44	449
Schwenkfeldians.....	6	8	850	.....	.....	.....
Social Brethren.....	15	17	1,262	.....	.....	.....
Society of Ethical Culture.....	7	6	2,450	.....	.....	.....
Spiritualists.....	.....	1,500	200,000	.....	500	50,000
Theosophical Society.....	.....	123	3,092	.....	9	*8
United Brethren (two bodies).....	2,207	4,263	311,834	14	*4	8,515
Unitarians.....	533	492	70,542	*25	10	.....
Universalists.....	709	886	53,048	*21	5	898
Independent Congregations.....	267	879	48,673	.....	.....	.....
Grand total for 1911.....	172,431	221,197	35,836,190	1,990	2,832	594,366
Grand total for 1910.....	170,441	218,365	35,241,824	2,597	2,649	538,003

*Decrease.

CHURCHES AND RELIGIOUS ASSOCIATIONS.

ROMAN CATHOLIC CHURCH OF THE UNITED STATES.

Apostolic Delegate—Most Rev. John Bonzano, D. D.
 Cardinals—James Gibbons, Baltimore, Md.; William O'Connell, Boston, Mass.; John Farley, New York, N. Y.

Archdiocese. ARCHBISHOPS. Name.
 Chicago, Ill.....James E. Quigley
 Cincinnati, O.....Henry Moeller
 Dubuque, Iowa.....John J. Keane
 Manila, P. I.....Jeremiah J. Hart
 Milwaukee, Wis.....Sebastian G. Messmer
 New Orleans, La.....James H. Blenk
 Oregon City, Oregon.....Alexander Christie
 Philadelphia, Pa.....Edmund F. Prendergast
 St. Louis, Mo.....John Joseph Glennon
 St. Paul, Minn.....John Ireland
 San Francisco, Cal.....Patrick W. Riordan
 Santa Fe, N. M.....John Baptist Pitaval

Diocese. BISHOPS. Name.
 Albany, N. Y.....Thomas M. A. Burke
 Alexandria, La.....Cornelius Van de Ven
 Alton, Ill.....James Ryan
 Altoona, Pa.....Eugene A. Garvey
 Baker City, Ore.....Charles J. O'Reilly
 Baltimore, Md.....Owen B. Corrigan (auxiliary)
 Belleville, Ill.....John Janssen
 Bismarck, N. D.....Vincent Wehrle
 Boise City, Idaho.....A. J. Glorieux
 Boston, Mass.....Joseph G. Anderson (auxiliary)
 Brooklyn, N. Y.....C. E. McDonnell
 Buffalo, N. Y.....Charles H. Colton
 Burlington, Vt.....Joseph J. Rice
 Charleston, S. C.....H. P. Northrop
 Cheyenne, Wyo.....Patrick A. McGovern

Chicago, Ill.....Paul P. Rhode (auxiliary)
 Cleveland, O.....John P. Farrelly
 Columbus, O.....James J. Hartley
 Concordia, Kas.....J. F. Cunningham
 Covington, Ky.....Camillus P. Mae
 Crookston, N. D.....Timothy Corbett
 Dallas, Tex.....Joseph Patrick Lynch
 Davenport, Iowa.....James Davis
 Denver, Col.....Nicholas Christman
 Des Moines, Iowa.....Austin Dowling
 Detroit, Mich.....John S. Foley
 Duluth, Minn.....James McGorlick
 Erie, Pa.....J. E. Fitz Maurice
 Fall River, Mass.....Daniel F. Feehan
 Fargo, N. D.....James O'Reilly
 Fort Wayne, Ind.....H. J. Alerding
 Galveston, Tex.....N. A. Gallagher
 Grand Rapids, Mich.....H. J. Richter
 Great Falls, Mont.....M. C. Lenihan
 Green Bay, Wis.....Joseph J. Fox
 Harrisburg, Pa.....J. W. Shanahan
 Hartford, Conn.....John Joseph Nilan
 Helena, Mont.....John P. Carroll
 Indianapolis, Ind.....P. S. Chatard
 Kansas City, Mo.....John J. Hogan
 LaCrosse, Wis.....J. Schwabach
 Lead, S. D.....Joseph F. Busch
 Leavenworth, Kas.....John Ward
 Lincoln, Neb.....John Henry Thien
 Little Rock, Ark.....John B. Morris
 Louisville, Ky.....Denis O'Donoghue
 Manchester, N. H.....George Albert Guerlin
 Marquette, Mich.....Frederick Eis
 Mobile, Ala.....Edward P. Allen
 Monterey-Los Angeles, Cal.....Thomas J. Conaty
 Nashville, Tenn.....Thomas Sebastian Byrne

Diocese.	Name.
Natchez, Miss.	John E. Gunn
Newark, N. J.	John J. O'Connor
New Orleans, La.	J. M. Laval (auxiliary)
New York, N. Y.	Thomas F. Cusack (auxiliary)
Ogdensburg, N. Y.	Henry Gabriels
Oklahoma.	Theophile Meerschardt
Omaha, Neb.	Richard Scannell
Peoria, Ill.	Edmund Michael Dunne
Pittsburgh, Pa.	J. F. R. Canavin
Portland, Me.	Louis S. Walsh
Porto Rico.	W. A. Jones
Providence, R. I.	Matthew Harkins
Richmond, Va.	Dennis Joseph O'Connell
Rochester, N. Y.	Thomas F. Hickey
Rockford, Ill.	Peter James Muldoon
Sacramento, Cal.	Thomas Grace
St. Augustine, Fla.	William J. Kenny
St. Cloud, Minn.	James Trobec
St. Joseph, Mo.	M. F. Burke
Salt Lake City, Utah.	Lawrence Scanlan
San Antonio, Tex.	John William Shaw
Sanwich Islands.	L. H. Boeynaeme
Santa Fe, N. M.	John B. Pitaval
Savannah, Ga.	Benjamin J. Kelley
Seranton, Pa.	Michael John Hoban
Seattle, Wash.	Edward John O'Dea
Sioux City, Iowa.	P. J. Garrigan
St. Paul, Minn.	Thomas O'Gorman
Springfield, Mass.	Thomas D. Beaven
Syracuse, Wis.	Augustine F. Schinner
Syracuse, N. Y.	Patrick A. Ludden
Toledo, O.	Joseph Schrems
Trenton, N. J.	James A. McPaul
Tucson, Ariz.	Henry Granjon
Wheeling, W. Va.	Patrick James Donahue
Wichita, Kas.	John J. Hennessy
Wilmington, Del.	John J. Monaghan
Winona, Minn.	Patrick R. Heffron

CATHOLIC CHURCH STATISTICS.

[From the Official Catholic Directory for 1912.
Figures are for the United States.]

Cardinals—3.	Colleges for boys—229.
Archbishops—14.	Academies for girls—701.
Bishops—97.	Parishes with schools—5,119.
Secular clergy—12,996.	Children attending—1,333,786.
Religious clergy—4,495.	Orphan asylums—289.
Total clergy—17,491.	Orphans—47,111.
Churches with resident priests—9,256.	Homes for aged—104.
Missions with churches—4,653.	Total children in catholic institutions—1,540,049.
Total churches—13,931.	Catholic population of U. S.—15,015,569.
Seminaries—32.	
Students—6,006.	

ARCHDIOCESE OF CHICAGO.*

Archbishop—1.	Children attending—102,709.
Bishops—2.	Orphan asylums—6.
Clergy—745.	Orphans—1,700.
Churches with resident priests—299.	Homes for aged—5.
Missions with churches—21.	Total children in catholic institutions—117,082.
Total churches—320.	Catholic population—About 1,150,000.
Seminaries—3.	*Comprises counties of Cook, Lake, DuPage, Kane, Kane, Will and Grundy in state of Illinois.
Students—243.	
Colleges for boys—12.	
Academies for girls—22.	
Parishes with schools—218.	

COLLEGE OF CARDINALS.

Cardinal bishops—	Created cardinal.
Agliardi, Anthony, b. Sept. 4, 1832.	1889
Cassetta, Francis de Paula, b. Aug. 12, 1845.	1889
Oreglia, Louis di S. Stefano, b. July 9, 1828.	1873
Vannutelli, Serafino, b. Nov. 26, 1824.	1873
Vannutelli, Vincent, b. Dec. 5, 1826.	1889
De Lai, Cajetan, b. July 26, 1853.	1907

Cardinal priests—	
Aguirre y Garcia, Gregory, b. March 12, 1835.	1907
Almaraz y Santos, Enriquez, b. Sept. 22, 1847.	1911
Amette, Leone Adolfo, b. Sept. 6, 1850.	1911
Andrieu, Paul Pierre, b. Dec. 8, 1849.	1907
Bacilieri, Bartholomew, b. March 27, 1842.	1901
Bauer, Franz, b. Jan. 26, 1841.	1911
Belmonte, Gennaro Granito di, b. April 10, 1851.	1911
Boschi, Julius, b. March 2, 1838.	1901

Bourne, Francis, b. March 23, 1861.	1911
Cabreres, Francis M. D. de, b. Aug. 30, 1830.	1911
Calvacanti, Joachim A. de A., b. Jan. 17, 1850.	1905
Cavallari, Aristides, b. Feb. 8, 1849.	1907
Cos y Machio, Giuseppe, b. Aug. 5, 1838.	1911
Di Pietro, Angelo, b. May 26, 1828.	1893
Dubillard, Francis Virgilio, b. Feb. 15, 1845.	1911
Falconio, Diomedea, b. Sept. 20, 1842.	1911
Farley, John M., b. April 20, 1842.	1911
Ferrari, Andrew, b. Aug. 13, 1850.	1894
Ferrata, Dominic, b. March 4, 1847.	1896
Francica-Nava di Bontife, J., b. July 23, 1846.	1899
Gasparri, Peter, b. May 5, 1852.	1907
Gennari, Casimir, b. Dec. 27, 1839.	1901
Gibbons, James, b. July 23, 1834.	1895
Gotti, Jerome Mary, b. March 29, 1834.	1895
Gruscha, Anthony J., b. Nov. 3, 1820.	1891
Herrera, Joseph M. M., b. Aug. 26, 1835.	1897
Katschthaler, John, b. May 20, 1832.	1903
Kopp, George, b. July 27, 1837.	1893
Logue, Michael, b. Oct. 1, 1840.	1893
Lorenzelli, Benedict, b. 1853.	1907
Luaidi, Alexander, b. Aug. 12, 1858.	1907
Lucan, Louis Henry, b. Oct. 28, 1842.	1907
Maffi, Peter, b. Oct. 12, 1858.	1907
Martinelli, Sebastian, b. Aug. 20, 1848.	1901
Mercier, Desideratus, b. Nov. 21, 1851.	1907
Merry del Val, Raphael, b. Oct. 10, 1865.	1903
Nagl, Franz, b. Nov. 26, 1855.	1911
Nefo, Joseph Sebastian, b. Feb. 8, 1841.	1884
O'Connell, William H., b. Dec. 8, 1859.	1911
Prisco, Joseph, b. Sept. 18, 1836.	1896
Rampolla, Mariano, b. 1843.	1887
Resplighi, Peter, b. Sept. 22, 1843.	1899
Richelmy, Augustinus, b. Nov. 29, 1850.	1899
Rinaldi, Aristides, b. Feb. 5, 1844.	1907
Samassa, Joseph, b. Sept. 30, 1828.	1905
Skrbensky, Leo, b. June 12, 1863.	1901
Vaszary, Claudius, b. Feb. 12, 1832.	1893
Vico, Antonio, b. Jan. 9, 1847.	1911

Cardinal deacons—

Bisleti, Cajetan, b. March 20, 1856.	1911
Billot, Louis, b. Jan. 22, 1846.	1911
Cagiano de Azevedo, Ottavio, b. Nov. 7, 1845.	1905
Lugari, John Baptist, b. Feb. 18, 1846.	1911
Pompielli, Basilio, b. April 16, 1858.	1911
Van Rossum, William, b. Sept. 3, 1854.	1911
Vives y Tuto, Joseph, b. Feb. 15, 1854.	1899
Volpe, Francis Della, b. Dec. 24, 1814.	1899

CATHOLIC EDUCATIONAL ASSOCIATION.

Honorary President—Cardinal James Gibbons, Baltimore, Md.	
President-General—The Rt.-Rev. Mgr. Thomas J. Shahan, Washington, D. C.	
Vice-Presidents-General—Very Reverend James A. Burns, Washington, D. C.; Very Reverend Walter Stehle, Beatty, Pa.; Rt.-Rev. Mgr. J. A. Connolly, St. Louis, Mo.	
Secretary-General—The Rev. Francis W. Howard, LL. D., 1651 East Main street, Columbus, O.	
Treasurer-General—The Rev. Francis T. Moran, D. D., Cleveland, O.	

AMERICAN FEDERATION OF CATHOLIC SOCIETIES.

President—Charles I. Denechand, New Orleans, La.	
Secretary—Anthony Matre, St. Louis, Mo.	
Treasurer—F. W. Hackenkamp, Quincy, Ill.	
Marshal—J. W. West, Kansas City, Kas.	

THE CATHOLIC CHURCH EXTENSION SOCIETY OF THE UNITED STATES OF AMERICA.

1133 McCormick building, Chicago, Ill.	
Cardinal Protector—His Eminence Sebastian Cardinal Martinelli.	
Chancellor Board of Governors—The Most Rev. James Edward Quigley, D. D., Chicago.	
Vice-Chancellor Board of Governors—The Most Rev. S. G. Messner, D. D., D. C. L., Milwaukee, Wis.	
President—The Very Reverend Francis C. Kelley, D. D., LL. D.	
First Vice-President and General Secretary—The Rev. E. J. Ledvina.	
Second Vice-President and Director Women's Auxiliary—The Rev. Edward L. Roe.	
Third Vice-President and Director Child Apostles—The Rev. W. D. O'Brien.	
Fourth Vice-President—Leo L. Doyle.	

Treasurer—John A. Lynch.
Recording Secretary Board of Governors—Mr. A. V. D. Watterson.
Superintendent Chapel Car—Mr. George C. Hennessey.

Executive Committee—The Most Reverend James Edward Quigley, D. D.; the Very Reverend Francis C. Kelley, D. D., LL. D.; the Rt. Rev. P. J. Muldoon, D. D.; Mr. Ambrose Petry, K. S. G.; Mr. Richmond Dean, Mr. Warren A. Cartier, Mr. Edward F. Carry.

Board of Auditors—The Rev. Edward A. Kelly, LL. D.; the Rev. R. F. Flynn, the Rev. F. J. O'Reilly, Mr. J. J. Fleming, Mr. S. C. Scotten.

EXTENSION MAGAZINE.

The Official Organ of the Catholic Church Extension Society of the United States of America.
Editorial Department—1133 McCormick building, Chicago.

Editor-in-Chief—The Very Reverend Francis C. Kelley, D. D., LL. D.

Managing Editor—Mr. Simon A. Baldus.

CATHOLIC TOTAL ABSTINENCE UNION.

President—The Rev. Peter O'Callaghan, Chicago.
Secretary—Thomas E. McClusky, Danbury, Conn.
Treasurer—The Rev. J. V. Moylan, Nanticoke, Pa.

PROTESTANT EPISCOPAL CHURCH.

Presiding Bishop—Daniel S. Tuttle, Bishop of Missouri.

Diocese. Bishop and residence.
Alabama.....C. M. Beckwith, Montgomery
Alaska.....Peter Trimble Rowe, Seattle, Wash.
Albany.....W. C. Doane, Albany, N. Y.
Bishop coadjutor.....R. H. Nelson, Albany, N. Y.
Arizona.....J. W. Atwood, Phoenix
Arkansas.....James R. Winchester, Little Rock
Asheville.....Junius M. Horner, Asheville, N. C.
Atlanta.....C. K. Nelson, Atlanta
Bethlehem.....E. Talbot, South Bethlehem, Pa.
California.....William F. Nichols, San Francisco
Central New York.....Charles T. Olmsted, Utica
Chicago.....C. P. Anderson, Chicago
Coadjutor.....William E. Toll, Chicago
Colorado.....R. S. Brewster, Denver
Connecticut.....C. E. Brewster, Hartford
Dallas.....A. C. Garrett, Dallas, Tex.
Coadjutor-elect.....Carroll M. Davis, Dallas
Delaware.....F. J. Kinsman, Wilmington
Duluth.....James D. Morrison, Duluth, Minn.
East Carolina.....R. Strange, Wilmington, N. C.
Eastern Oklahoma.....T. P. Thurston, Muskogee, Okla.
Easton.....William F. Adams, Easton, Md.
Florida.....E. G. Weed, Jacksonville
Fond du Lac.....R. H. Weller, Fond du Lac, Wis.
Georgia.....Frederick F. Reese, Savannah
Harrisburg.....J. H. Darlington, Harrisburg
Honolulu.....H. B. Restarick, Honolulu, H. I.
Idaho.....James B. Funston, Boise, Idaho
Indianapolis.....J. M. Francis, Indianapolis
Iowa.....T. N. Morrison, Davenport
Suffragan.....Harry S. Longley, Davenport
Kansas.....F. R. Millsbaugh, Topeka
Coadjutor-elect.....H. P. Silver, Topeka
Kansas City.....S. C. Partridge, Kansas City, Mo.
Kentucky.....Charles E. Woodcock, Louisville
Kearney (Neb.).....G. A. Beecher, Kearney, Neb.
Lexington.....L. W. Burton, Lexington, Ky.
Long Island.....F. Burgess, Garden City, L. I.
Los Angeles.....J. H. Johnson, Los Angeles, Cal.
Louisiana.....Davis Sessums, New Orleans
Maine.....Robert Codman, Portland
Marquette.....G. M. Williams, Marquette, Mich.
Maryland.....John G. Murray, Baltimore
Massachusetts.....William Lawrence, Boston
Michigan.....Charles D. Williams, Detroit, Mich.
Michigan City.....J. H. White, Michigan City, Ind.
Milwaukee.....William W. Webb, Milwaukee, Wis.
Minnesota.....S. C. Edsall, Minneapolis
Suffragan.....Frank A. McEwain, Minneapolis
Mississippi.....T. Du B. Bratton, Jackson
Missouri.....D. S. Tuttle, St. Louis
Coadjutor.....F. F. Johnson, St. Louis
Montana.....L. R. Brewer, Helena
Nebraska.....Arthur L. Williams, Omaha
Newark.....E. S. Lines, Newark, N. J.
New Hampshire.....W. W. Niles, Concord
Coadjutor.....Edward M. Parker, Concord

Diocese. Bishop and residence.
New Jersey.....John Scarborough, Trenton
New Mexico.....Cameron Mann (temporary)
New York.....David H. Greer, New York
Suffragan.....Charles S. Burch, New York
North Carolina.....J. B. Cheshire, Raleigh
North Dakota.....Cameron Mann, Fargo
North Texas.....E. A. Temple, Amarillo, Tex.
Ohio.....William A. Leonard, Cleveland
Oklahoma.....F. K. Brooke, Guthrie
Olympia.....F. W. Keator, Tacoma, Wash.
Oregon.....Charles Scadding, Portland
Pennsylvania.....Phillip M. Rhinlander, Philadelphia
Suffragan.....Thomas J. Garland, Philadelphia
Philippines.....Charles H. Brent, Manila
Pittsburgh.....C. Whitehead, Pittsburgh, Pa.
Porto Rico.....Albion W. Knight (temporary)
Quincy.....M. E. Fawcett, Quincy, Ill.
Rhode Island.....J. De Wolfe Perry, Jr.
Sacramento.....W. H. Moreland, Sacramento
Salina.....S. M. Griswold, Salina, Kas.
San Joaquin.....L. C. Sanford, San Joaquin
South Carolina.....W. A. Guerry, Columbia
Southern Florida.....George Biller, Jr., Sioux Falls
Southern Ohio.....William C. Gray, Orlando
Southern Ohio.....Boyd Vincent, Cincinnati
Southern Virginia.....A. M. Randolph, Norfolk
Bishop coadjutor.....B. D. Tucker, Norfolk
Spokane.....L. H. Wells, Spokane, Wash.
Springfield.....E. W. Osborne, Springfield, Ill.
Tennessee.....Thomas F. Gallor, Memphis
Texas.....G. H. Kinsolving, Austin
Utah.....F. S. Spalding, Salt Lake City
Vermont.....A. C. A. Hall, Burlington
Virginia.....Robert A. Gibson, Richmond
Washington, D. C.....Alfred Harding, Washington
Western Massachusetts.....Thos. F. Davies, Springfield
Western Michigan.....J. N. McCormick, Grand Rapids
Western New York.....William D. Walker, Buffalo
West Texas.....J. S. Johnston, San Antonio
West Virginia.....G. W. Peterkin, Parkersburg
Coadjutor.....William L. Gravatt, Charleston
Wyoming.....N. S. Thomas, Cheyenne

Foreign missions:
West African.....S. D. Ferguson, Harper, Liberia
China (Shanghai).....F. R. Graves, Shanghai
China (Wuhu).....D. T. Huntington
China (Hankow).....L. H. Roots, Hankow
Japan (Tokyo).....John McKim, Tokyo
Japan (Kyoto).....Henry St. G. Tucker
Cuba.....Albion W. Knight, Havana
Haiti.....Vacant
Brazil.....L. L. Kinsolving, Rio Grande do Sul
Mexico.....H. D. Aves, City of Mexico
Nondiocean.....Arthur S. Lloyd, Thomas N. Jaggar,
James H. Van Buren, C. C. Penick, Anson R. Graves, William M. Brown.

METHODIST EPISCOPAL CHURCH.

BISHOPS.

Atlanta, Ga.—Frederick D. Leete.
Boston, Mass.—John W. Hamilton.
Buffalo, N. Y.—William Burr.
Buenos Aires, Argentina—Homer C. Stuntz.
Chattanooga, Tenn.—Theodore S. Henderson.
Chicago, Ill.—William F. McDowell.
Cincinnati, O.—Francis F. Anderson.
Denver, Col.—William J. McConnell.
Fochow, China—W. S. Lewis.
Helena, Mont.—Naphtali Luccock.
Kansas City, Kas.—William O. Shepard.
New Orleans, La.—Wilbur P. Thirkield.
New York, N. Y.—Luther B. Wilson.
Oklahoma City, Okla.—Robert McIntyre.
Omaha, Neb.—Frank M. Bristol.
Pekin, China—James W. Bashford.
Philadelphia, Pa.—Joseph E. Berry.
Portland, Ore.—Richard J. Cooke.
St. Louis, Mo.—Charles W. Smith.
St. Paul, Minn.—William A. Quayle.
San Francisco, Cal.—Edwin H. Hughes.
Washington, D. C.—Earl Cranston.
Zurich, Switzerland—John L. Nuelson.

MISSIONARY BISHOPS.
Calcutta, India—John W. Robinson.
Funchal, Madeira Islands—Joseph C. Hartzell.
Lucknow, India—Frank W. Warne.
Monrovia, Liberia—Isaiah B. Scott.

Seoul, Korea—Merriam C. Harris.

Singapore, Straits Settlements—William P. Eveland.

GENERAL CONFERENCE SECRETARIES.

Board Conference Claimants—Joseph B. Hingeley.
Board of Foreign Missions—S. Earl Taylor, W. F. Oldham, Frank M. North.

Board of Home Missions and Church Extension—Ward Platt, Charles M. Boswell, Robert Forbes.
Board of Education—Thomas Nicholson.

Board of Freedmen's Aid—I. Garland Penn, P. J. Maveety.

Board of Sunday Schools—David G. Downey.

Epworth League—Wilbur F. Sheridan.

EPWORTH LEAGUE.

Organized at Cleveland, O., May 15, 1889.

President—Bishop Frank M. Bristol, Omaha, Neb.
General Secretary—Rev. W. F. Sheridan, D. D., 14 West Washington street, Chicago, Ill.

German Assistant Secretary—Rev. A. C. Buchner, Cincinnati, O.

Assistant Secretary for Colored Conferences—Rev. W. W. Lucas, Meridian, Miss.
Editor Epworth Herald—Rev. Dan B. Brummitt, D. D., 14 West Washington street, Chicago, Ill.

METHODIST EPISCOPAL CHURCH SOUTH.

BISHOPS.

Alpheus W. Wilson, Baltimore, Md.

Eugene R. Hendrix, Kansas City, Mo.

Joseph S. Key, Sherman, Tex.

Warren A. Candler, Atlanta, Ga.

Henry C. Morrison, Leesburg, Fla.

E. Embree Hoss, Nashville, Tenn.

James Atkins, Waynesville, N. C.

Collins Denny, Richmond, Va.

John C. Kilgo, Durham, N. C.

W. B. Murrah, Jackson, Miss.

W. R. Lambuth, Nashville, Tenn.

E. D. Mouzon, San Antonio, Tex.

R. G. Waterhouse, Los Angeles, Cal.

J. H. McCoy, Birmingham, Ala.

PRESBYTERIAN CHURCH IN THE UNITED STATES OF AMERICA.

Stated Clerk—Rev. William H. Roberts, D. D., LL. D., room 515 Witherspoon building, 1319 Walnut street, Philadelphia, Pa.

Permanent Clerk—Rev. William B. Noble, D. D., 1323 Linwood avenue, Los Angeles, Cal.

Assistant Clerk—Rev. J. M. Hubbert, D. D., room 515 Witherspoon building, Philadelphia, Pa.

TRUSTEES.

President—George Stevenson, Philadelphia, Pa.
Treasurer—The Philadelphia Trust company.
Recording Secretary—Jacob Wilson, 511 Witherspoon building, Philadelphia, Pa.

Office—1319 Walnut street, Philadelphia, Pa.

TRUSTEES FOR THE GENERAL ASSEMBLY OF THE CUMBERLAND PRESBYTERIAN CHURCH.

President—J. O. Carson, Bowling Green, Ky.
Secretary—W. F. Ennis, Bowling Green, Ky.

BOARD OF HOME MISSIONS.

President—Rev. D. Stuart Dodge, D. D.
Secretary—Rev. Charles L. Thompson, D. D., LL. D.
Associate Secretaries—Rev. John Dixon, D. D.; J. Ernest McAfee.

Treasurer—Harvey C. Olin.
Superintendent of School Work—Marshall C. Allen.

Department of Church and Labor—Superintendent, Rev. Charles Stelzie.

Department of Indian Missions—Superintendent, Rev. Thomas C. Moffett, D. D.

Department of Immigration—Superintendent, Rev. William Payne Shriver.

Department of Church and Country Life—Superintendent, Rev. Warren H. Wilson, Ph. D.

Field Secretaries—Rev. B. P. Fullerton, D. D., St. Louis, Mo.; Rev. W. S. Holt, Portland, Ore.; Rev. R. M. Donaldson, D. D., Denver, Col.; Rev. W. H. Kearns, D. D., Minneapolis, Minn.

Office—156 5th avenue, New York, N. Y.

BOARD OF FOREIGN MISSIONS.

President—Rev. George Alexander, D. D.
Corresponding Secretaries—Robert E. Speer, Rev. Arthur J. Brown, D. D.; Rev. A. Woodruff Halsey, D. D., and Rev. Stanley White, D. D.
Treasurer—Dwight H. Day.
Office—156 5th avenue, New York, N. Y.

BOARD OF EDUCATION.

President—Rev. Charles Wadsworth, Jr., D. D., Philadelphia, Pa.
Secretary—Rev. Joseph W. Cochran, D. D.
Treasurer—Edward R. Sterrett.
Office—1319 Walnut street, Philadelphia, Pa.

THE EDUCATIONAL SOCIETY.

President—W. H. Halbert, Nashville, Tenn.
Corresponding Secretary—Rev. W. J. Darby, D. D., Evansville, Ind.

BOARD OF PUBLICATION AND SABBATH SCHOOL WORK.
President—Hon. Robert N. Willson, Philadelphia, Pa.

Secretary—Rev. Alexander Henry, D. D.
Editorial Superintendent—(Vacancy).
Business Superintendent and Treasurer—Frank M. Braselmann.

Superintendent of Depositories—John H. Scribner.
Superintendent of Young People's Work—(Vacancy).
Superintendent of Sabbath School Training—Rev. James A. Worden, D. D., LL. D.

Manufactures—Henry F. Scheetz.
Assistant Treasurer—Marshall S. Collingwood.
Office—1319 Walnut street, Philadelphia, Pa.

Chicago Office—509 South Wabash avenue.

CUMBERLAND BOARD OF PUBLICATION.

President—Hamilton Parks, Nashville, Tenn.
Secretary—John H. DeWitt, Nashville, Tenn.

BOARD OF CHURCH ERECTION.

President—Frederick G. Burnham, Esq.
Corresponding Secretary—Rev. Duncan J. McMillan, D. D.

Treasurer—Adam Campbell.
Office—156 5th avenue, New York, N. Y.

BOARD OF MINISTERIAL RELIEF.

President—Rev. John R. Davies, D. D., Philadelphia, Pa.
Corresponding Secretary—(Vacancy).
Treasurer—Rev. William W. Heberton, D. D.

Office—1319 Walnut street, Philadelphia, Pa.

BOARD OF MISSIONS FOR FREEDMEN.

President—Rev. Samuel J. Fisher, D. D., Pittsburgh, Pa.
Corresponding Secretary and Treasurer—Rev. Edward P. Cowan, D. D.

Office—513 Bessemer bldg., 6th street, Pittsburgh, Pa.

COLLEGE BOARD.

President Emeritus—Rev. Herrick Johnson, D. D., LL. D., St. Louis, Mo.

President—John H. MacCracken, Ph. D.
Secretary—Robert Mackenzie, D. D., LL. D.
Office Secretary and Assistant Treasurer—Rev. George R. Brauer.

Office—156 5th avenue, New York, N. Y.

PERMANENT COMMITTEE ON TEMPERANCE.

Chairman and Treasurer—Rev. E. Trumbull Lee, D. D., Wilkinsburg, Pa.
Corresponding Secretary—Rev. John F. Hill, D. D., Conestoga building, Pittsburgh, Pa.

General Secretary—Prof. Charles Scanlon.

ASSEMBLY HERALD.

Managing Committee—Rev. A. Woodruff Halsey, D. D., chairman; Rev. John Dixon, D. D.; William H. Scott.

Manager—Horace P. Camden.
Office—1323 Chestnut street, Philadelphia, Pa.

CHRISTIAN LIFE AND WORK.

Chairman—Rev. Mark A. Matthews, D. D.
Secretary—Rev. William H. Roberts, D. D., Witherspoon building, Philadelphia, Pa.

PRESBYTERIAN BROTHERHOOD.
President—Charles S. Holt, Chicago, Ill.
Secretary—Walter Getty.
Office—509 South Wabash avenue, Chicago, Ill.

PRESBYTERIAN HISTORICAL SOCIETY.
President—Rev. Henry Van Dyke, D. D., LL. D.
Corresponding Secretary—Rev. Charles E. Watson, D. D.

Recording Secretary—Rev. Walter A. Brooks, D. D.
Treasurer—DeBenneville K. Ludwig, Ph. D.
Honorary Librarian—Rev. Louis F. Benson, D. D.
Library, Museum, etc.—Witherspoon building, Philadelphia, Pa.

BAPTIST DENOMINATION.

Baptist World Alliance—President, Dr. Robert S. MacArthur, New York, N. Y.; secretaries, Rev. J. H. Shakespeare, London, England; Rev. J. N. Prestridge, Louisville, Ky.

General Convention of Baptists of North America—President, Dr. A. L. McCrimmon, Canada; secretary, Rev. S. B. Meeser, Chester, Pa.

Northern Baptist Convention—President, Henry Bond, Brattleboro, Vt.; corresponding secretary, Rev. W. C. Bitting, D. D., St. Louis, Mo.

American Baptist Publication Society—President, W. Howard Doane, Ohio; secretary, A. J. Rowland, D. D., 1701 Chestnut street, Philadelphia, Pa.

American Baptist Historical Society—President B. MacMackin, D. D., Philadelphia, Pa.

American Baptist Foreign Mission Society—President, Carter Helm Jones, D. D., Seattle, Wash.; corresponding secretaries, home department, Rev. F. P. Haggard, D. D.; foreign department, J. H. Franklin, D. D., Ford building, Boston, Mass.; treasurer, Edward S. Butler, Boston, Mass.

American Baptist Home Mission Society—President, Charles T. Lewis, Ohio; treasurer, Frank T. Moulton, New York, N. Y.; corresponding secretary, H. L. Morehouse, D. D., 23 East 26th street, New York city; associate corresponding secretary, Charles L. White, New York, N. Y.; field secretary, L. Call Barnes, D. D., New York, N. Y.; recording secretary, Rev. C. A. Decker, South Bend, Ind.

Baptist Forward Movement for Missionary Education—Rev. John M. Moore, general secretary, Ford building, Boston.

Woman's Baptist Foreign Missionary Society—President, Mrs. M. Grant Edmonds, Chestnut Hill, Mass.; corresponding secretary foreign department, Mrs. H. G. Safford, Ford building, Boston, Mass.; secretaries home department, Mrs. C. A. Robinson and Miss H. S. Ellis, Boston, Mass.

Women's Baptist Foreign Missionary Society of the West—President, Mrs. Andrew MacLeish, Chicago, Ill.; foreign corresponding secretary, Miss Mary E. Adkins, Chicago, Ill.; home secretary, Miss M. Jean Batty, 88 East 30th street, Chicago, Ill.; treasurer, Mrs. Kemper B. Miller, Chicago.

Woman's American Baptist Home Mission Society—President, Mrs. Albert G. Lester, Chicago, Ill.; corresponding secretary, Mrs. Katharine S. Westfall, 2969 Vernon avenue, Chicago, Ill.; recording secretary, Mrs. F. L. Miner, Des Moines, Iowa; treasurer, Mrs. Emma C. Marshall, Chicago, Ill.
Baptist Young People's Union of America—President, Rev. W. J. Williamson, D. D., St. Louis, Mo.; recording secretary, Rev. H. W. Reed, Rock Island, Ill.; general secretary, Rev. W. E. Chalmers, Philadelphia, Pa.; treasurer, H. J. Oswood, Chicago, Ill. The union is the federation of all young people's societies connected with the Baptist churches in the United States and Canada.

American Baptist Education Society—President, Rev. L. A. Crandall, D. D., Minneapolis, Minn.; corresponding secretary, Prof. E. D. Burton, University of Chicago, Chicago, Ill.

Baptist Congress—President, H. W. Merrill, Atlantic City, N. J.; secretary, Rev. T. A. K. Gessler, D. D., Landing, N. J.

Chicago Baptist Executive Council—Dean, Shailer Mathews, University of Chicago; superintendent, Rev. F. L. Anderson, 167 Wabash avenue; secretary, Rev. W. P. Behan, Morgan Park, Ill.; treasurer, A. E. Wells, Monadnock block.

SOUTHERN BAPTIST CONVENTION.

Officers—President, Rev. E. C. Dargan; vice-presidents, Hon. Joseph James Darlington, Washington, D. C.; Samuel Palmer Brooks, D. D., Waco, Tex.; William Ellyson, Richmond, Va.; Hon. Lammartine Hardman, Commerce, Ga.; secretaries, Rev. Lansing Burrows, D. D., Americus, Ga.; Rev. Oliver Gregory, D. D.; Staunton, Va.;

treasurer, George W. Norton, Louisville, Ky.; auditor, William P. Harvey, Louisville, Ky.
Foreign Mission Board—President, J. B. Hutson, Virginia; corresponding secretary, Rev. R. J. Willingham, D. D.; editorial secretary, W. H. Smith; educational secretary, Rev. T. B. Ray; field secretary, Rev. S. J. Porter, D. D.; recording secretary, Rev. W. S. Dorsett, D. D.; treasurer, R. R. Gwathmey; auditor, J. D. Crump.
Home Mission Board—President, Rev. John F. Purser, D. D., Georgia; corresponding secretary, Rev. B. D. Gray, D. D.; assistant corresponding secretary, Rev. J. F. Love, D. D.; treasurer, Walker Dunson; recording secretary, M. M. Welch; editorial secretary, Rev. V. I. Masters; auditor, C. A. Davis.
Sunday School Board—President, Rev. E. E. Folk, D. D., Tennessee; corresponding secretary and treasurer, Rev. J. M. Frost, D. D.; recording secretary, A. B. Hill; auditor, Roger Eastman.

THE CONGREGATIONAL CHURCHES.

AMERICAN CONGREGATIONAL ASSOCIATION.
President—Arthur S. Johnson, Boston, Mass.
Vice-President—Samuel B. Capen.
Secretary—Rev. Thomas Todd, Jr., Concord, Mass.
Treasurer—A. S. Lovett, Brookline, Mass.
Headquarters—Congregational House, Boston, Mass.

AMERICAN BOARD OF COMMISSIONERS FOR FOREIGN MISSIONS.

President—S. B. Capen, LL. D.
Treasurer—Frank H. Wiggin.
Secretaries—Rev. James L. Barton, D. D.; Rev. Cornelius H. Patton, D. D.; Rev. E. L. Smith, D. D.
Editorial Secretary—Rev. E. E. Strong, D. D., emeritus; Rev. W. E. Strong.
District Secretaries—Rev. A. N. Hitchcock, D. D., 19 South LaSalle street, Chicago, Ill.; Rev. H. M. Tenney, D. D., Mechanics' Bank building, San Francisco, Cal.
Headquarters—Congregational House, Boston, Mass.

AMERICAN MISSIONARY ASSOCIATION.

President—Cyrus Northrop, LL. D.
Treasurer—H. W. Hubbard.
Secretaries—Rev. C. J. Ryder, D. D.; Rev. H. Paul Douglass, D. D.
Western Secretary—Rev. Lucius O. Baird, D. D., 19 South LaSalle street, Chicago, Ill.
Headquarters—287 4th avenue, New York city.

SUNDAY SCHOOL AND PUBLICATION SOCIETY.

President—Rev. Frederick H. Page, Waltham, Mass.
Treasurer—H. T. Richardson, Congregational House, Boston, Mass.
Missionary and Extension Secretary—Rev. William Ewing, Boston, Mass.
Manager Pilgrim Press—Luther H. Cary, Boston.
District Secretaries—Rev. R. W. Gammon, 19 South LaSalle street, Chicago, Ill.; Rev. M. S. Littlefield, 155 80th street, Brooklyn, N. Y.
Manager Western Agency—W. B. Earle, 120 South Wabash avenue, Chicago, Ill.
Headquarters—Congregational House, Boston, Mass.

CHURCH BUILDING SOCIETY.

President—Lucien C. Warner, LL. D., New York city.
Secretary—Rev. C. H. Richards, D. D., New York city.
Treasurer—Charles E. Hope.
Field Secretaries—Rev. W. W. Newell, D. D., 19 South LaSalle street, Chicago, Ill.; Rev. H. H. Wilcox, San Francisco, Cal.
Headquarters—105 East 22d street, New York city.

HOMER MISSIONARY SOCIETY.

President—Rev. S. H. Woodrow, D. D.
Treasurer—Willis L. Lounge.
Secretaries—Rev. Hubert C. Herring, Rev. Herman F. Swartz.
Headquarters—287 4th avenue, New York city.

ILLINOIS HOME MISSIONARY SOCIETY.

President—Hon. T. C. Mac Millan, Chicago, Ill.
Superintendent and Corresponding Secretary—Rev. George T. McCollum, D. D.
Treasurer—John W. Hill.
Office—19 South LaSalle street, Chicago, Ill.

CONGREGATIONAL CONFERENCE OF ILLINOIS.

Moderator—Rev. William E. Barton, D. D.
Superintendent—Rev. George T. McCollum, D. D.
Treasurer—John W. Iliff.
Office—Room 815, 19 South LaSalle street, Chicago.

EDUCATION SOCIETY.

President—Rev. William R. Campbell, D. D., Boston, Mass.
Secretary—Rev. Edward S. Tead, Boston, Mass.
Treasurer—S. F. Wilkins, Boston, Mass.
Headquarters—Congregational House, Boston, Mass.
Chicago Office—19 South LaSalle street; Rev. Theodore Clifton, D. D., western field secretary.

MINISTERIAL RELIEF.

Chairman—Rev. H. A. Stimson, D. D., New York city.
Secretary—Wm. A. Rice, D. D., New York city.
Treasurer—B. H. Fancher, 287 4th avenue, New York city.

Western Representative—Miss Alice Brown, 476 North Grove avenue, Oak Park, Ill.

MINISTERIAL RELIEF ASSOCIATION OF ILLINOIS.

President—William Spooner, Oak Park.
Treasurer—R. R. Baldwin, 35 North Dearborn street, Chicago, Ill.

NATIONAL TRIENNIAL COUNCIL.

Moderator—Rev. Nehemiah Boynton, New York.
Secretary—Rev. Asher Anderson, D. D., Congregational House, Boston, Mass.
Registrar and Treasurer—Rev. Joel S. Ives, Hartford, Conn.

WOMAN'S BOARD OF MISSIONS.

Secretary—Miss E. H. Stanwood, Congregational House, Boston, Mass.

WOMAN'S BOARD OF MISSIONS OF THE INTERIOR.

Secretary—Miss M. D. Wingate, Chicago, Ill.

THE WOMAN'S HOME MISSIONARY FEDERATION.

President—Mrs. Roy B. Guild, 1325 Clay street, Topeka, Kas.
Secretary—Mrs. W. W. Newell, 244 Wesley avenue, Oak Park, Ill.
Treasurer—Mrs. H. A. Flint, 604 Willis avenue, Syracuse, N. Y.

CHICAGO CITY MISSIONARY SOCIETY.

President—Frank Kimball.
Secretary—William Spooner, Otis building.
Treasurer—Willis S. Herrick.
Superintendent—Rev. J. C. Armstrong, D. D., 19 South LaSalle street.
Assistant Superintendent—Rev. Philip W. Yarrow, 19 South LaSalle street.

CONGREGATIONAL BROTHERHOOD OF AMERICA.

President—H. M. Beardsley, Kansas City, Mo.
General Secretary—H. A. Atkinson, Chicago, Ill.
Treasurer—S. E. Knecht, Chicago, Ill.

UNITARIAN CHURCH.

GENERAL CONFERENCE.

President—Charles W. Eliot, LL. D., Cambridge, Mass.

Vice-Presidents—Hon. Adelbert Moot, Buffalo, N. Y.; Hon. Hugh McKennan Landon, Indianapolis, Ind.; Hon. Louis A. Frothingham, Boston, Mass.; Hon. Charles A. Murdoch, San Francisco, Cal.
General Secretary—Rev. Walter F. Greenman, 634 Astor street, Milwaukee, Wis.
Treasurer—Percy A. Atherton, 53 State street, Boston, Mass.

WESTERN CONFERENCE.

President—Morton D. Hull, Chicago.
Secretary—Rev. Ernest C. Smith, Chicago.
Treasurer—C. K. Pittman, Evanston, Ill.
Directors—Morton D. Hull, F. A. Delano, Mrs. E. A. Delano, J. W. Hosmer, C. K. Pittman, Mrs. S. F. Lynn, Rev. Fred V. Hawley, Rev. W. H. Pilsford and Rev. Ernest C. Smith, all of Chicago, Ill.; Dana Slade, Jr., Hinsdale, Ill.; Rev. Eugene R. Shilpen, Detroit, Mich.; Rev. Walter F. Greenman, Milwaukee, Wis.; Rev. F. A. Gilmore, Madison, Wis.; Rev. W. M. Backus, Minneapolis, Minn.; Rev. George R. Gebauer, Duluth, Minn.; Rev. Everett D. Martin, Des Moines, Iowa; Mrs. C. V. Mersereau, St. Louis, Mo.; C. S. Udell, Grand Rapids, Mich.; Rev. M. O. Simons, Cleveland, O.
Headquarters—105 S. Dearborn street, Chicago, Ill.

AMERICAN UNITARIAN ASSOCIATION.

President—Rev. Samuel A. Eliot, D. D., Boston, Mass.
Vice-Presidents—Clarence E. Carr, Andover, N. H.; George Hutchinson, Newton, Mass.; George Soule, New Orleans, La.; Miss Emma C. Low, Brooklyn, N. Y.; Charles W. Ames, St. Paul, Minn.; Paris Gibson, Great Falls, Mont.; Horace Davis, San Francisco, Cal.; G. W. Stephens, Montreal, Quebec.
Secretary—Rev. Lewis G. Wilson, Boston, Mass.
Treasurer—Henry M. Williams, Cambridge, Mass.

CHRISTIAN SCIENCE CHURCH.

The Christian Science church was founded in 1879 by Mary Baker Eddy, the discoverer of Christian science and author of its text-book, "Science and Health, with Key to the Scriptures." The church was organized "to commemorate the word and works of our Master, which should reinstate primitive Christianity and its lost element of healing" (Church Manual). In 1892 the church was reorganized as the First Church of Christ, Scientist, known as the mother church in Boston, Mass. The present officers of the mother church are:

President—Bliss Knapp.
Clerk—John V. Dittmore.
Treasurer—Adam H. Dickey.
Directors—Archibald McLeilan, Allison V. Stewart, James A. Neal, John V. Dittmore, Adam H. Dickey.

All Christian science churches and societies, of which there are now 1,360 in the United States and 125 in foreign countries, are branches of the mother church. Lesson-sermons compiled from the bible and "Science and Health with Key to the Scriptures" are read at the services in Christian science churches. There are about 5,200 Christian science practitioners regularly devoting their time to the practice of Christian science mind healing.

Mrs. Eddy founded the Christian Science Journal, Sentinel, Quarterly, Der Herold der Christian Science and The Christian Science Monitor (a daily newspaper), all of which are published by the Christian Science Publishing society in Boston.

There is in connection with the Christian science movement an official board of lectureship designed to furnish the public correct information concerning the fundamental teachings of Christian science. Lectures given by members of this board are free to the public.

There are in Chicago eleven Christian science churches having an average total attendance of about 12,000. Each of these churches maintains a free reading room in addition to a joint reading room at 104 South Michigan avenue, where the public may have free access to all authorized publications on the subject of Christian science.

The offices of the Christian science committee on publication and the Christian science committee for the distribution of literature in Chicago are in the Orchestra building, 220 South Michigan avenue.

The office of the western representative of the Christian Science Monitor is at 750 Peoples Gas building.

LUTHERAN DENOMINATION.

GENERAL SYNOD OF LUTHERAN CHURCH OF THE UNITED STATES.

President—Rev. J. P. Remensnyder, D. D., LL. D., New York, N. Y.
Secretary—Rev. F. P. Marnbach, D. D., Sellersgrove, Pa.
Treasurer—George H. Knollenberg, Richmond, Ind.

AUGUSTANA SYNOD.

President—Rev. L. A. Johnston, D. D., 540 Olive street, St. Paul, Minn.
Vice-President—Rev. G. A. Brandelle, D. D., 2250 Court place, Denver, Col.
Secretary—Rev. John G. Dahlberg, A. M., 372 Logan avenue, Winnipeg, Canada.
Treasurer—Rev. Carl J. Bengtson, Knoxville, Ill.

MISSOURI SYNOD (GERMAN AND ENGLISH).

President—Rev. F. Pfotenhauer, 415 West 62d street, Chicago, Ill.
Secretary—Rev. R. D. Biedermann, 717 South New Jersey street, Indianapolis, Ind.

Secretary English District—Rev. J. F. Wenchell, 228 Morgan street, N. W., Washington, D. C.
The official title of this organization is: The German Evangelical Lutheran Synod of Missouri, Ohio and Other States.

HAUGE SYNOD.

President—Rev. M. G. Hanson, Kenyon, Minn.
Secretary—Prof. N. J. Lohre, Grand Forks, N. D.
Treasurer—O. A. Ulvin, Red Wing, Minn.

NORWEGIAN SYNOD.

President—Dr. H. G. Stub, 806 Sheldon avenue, St. Paul, Minn.
Vice-President—Prof. L. K. Preus, Decorah, Iowa.
Secretary—Rev. D. C. Jordahl, New London, Minn.
Treasurer—Rev. H. B. Hustvedt, Decorah, Iowa.
UNITED NORWEGIAN LUTHERAN CHURCH OF AMERICA.
President—Rev. T. H. Dahl, D. D., 3117 Park avenue, Minneapolis, Minn.
Secretary—Jens C. Roseland, 515 Holly avenue, Crookston, Minn.

THE LUTHER LEAGUE.

Luther League of America—President, William C. Stoeber, Philadelphia, Pa.; secretary, Rev. Luther M. Kuhns, Omaha, Neb.
Luther League of Illinois—President, J. Alex. Nelson; executive secretary, Miss Minnie M. Stohr, Elgin, Ill.
Luther League of Chicago—President, David N. C. Astenius; corresponding secretary, Miss Hattie M. Miller, 1649 North Humboldt street.

CHURCH OF THE NEW JERUSALEM.

[Swedenborgian.]

THE GENERAL CONVENTION.

President—Rev. Julian K. Smyth, 230 West 59th street, New York, N. Y.
Vice-President—Hon. Job Barnard, 1306 Rhode Island avenue, N. W., Washington, D. C.
Recording Secretary—John Daboll, Waltham, Mass.
Treasurer—James Richard Carter, 246 Devonshire street, Boston, Mass.

ILLINOIS ASSOCIATION OF THE NEW JERUSALEM.

Presiding Minister—Rev. John S. Saul, 510 Steinway building, Chicago, Ill.
Secretary—Rev. L. G. Landenberger, St. Louis, Mo.
Treasurer—A. H. Cline, 510 Steinway building, Chicago, Ill.
Executive Committee—Robert Matheson, 824 Dakin street, Chicago, Ill.; Dr. J. P. Cobb, 4649 Woodlawn avenue, Chicago, Ill.; Mrs. L. F. Post, Ellsworth building, Chicago, Ill.; William Niles, Laporte, Ind.; George Copeland, Jefferson, Wis.; Percy Werner, Rialto building, St. Louis, Mo.; George E. Lee, Springfield, Ill.

CHICAGO SOCIETY OF THE NEW JERUSALEM.

President—C. Jesper Cobb, 179 North Clark street.
Secretary—Edwin A. Munger, 1007, 105 West Monroe street.
Treasurer—R. O. Barler, 58 West Lake street.
Executive Committee—Dr. J. P. Cobb, F. A. Smith, H. D. Belcher, Louis Rich, John F. Dabney, R. Matheson, L. B. Bishop, J. W. Saul, R. O. Barler and officers ex officio.

WESTERN NEW CHURCH BOOKROOMS.

510 Steinway building.

President—C. L. Moulton.
Secretary—Rev. L. G. Landenberger.
Treasurer—J. W. Saul.

AMERICAN BIBLE SOCIETY.

Bible House Astor place, New York, N. Y.
President—James Wood.
Corresponding Secretaries—Rev. John Fox, D. D., and Rev. William I. Haven, Bible House, New York, N. Y.
Recording Secretary—Rev. Henry Otis Dwight, Bible House, New York, N. Y.
Treasurer—William Foulke, Bible House, New York, N. Y.
Agency Secretaries in the United States—Rev. S. E. Kirkbride, D. D. McCormick building, Chicago, Ill.; Rev. J. P. Wragg, D. D., South Atlanta, Ga.; Rev. M. B. Porter, 208 North 8th street, Richmond, Va.; Rev. G. E. Farnam, 214 Y. M. C. A. building, Denver, Col.; Rev. A. Wesley Mell, 216 Pacific building, San Francisco, Cal.; Rev. J.

J. Morgan, 1816½ Main street, Dallas, Tex.; Rev. G. S. J. Browne, D. D., 222 West 4th street, Cincinnati, O.; Rev. L. W. Eckard, D. D., 701 Walnut street, Philadelphia, Pa.; Rev. W. H. Tower, 330 Livingstone street, Philadelphia, Pa.

AMERICAN SUNDAY SCHOOL UNION.

At headquarters, 1816 Chestnut street, Philadelphia, Pa.
President—Martin L. Finckel.
Secretary of Missions—Rev. George P. Williams, D. D.
Corresponding Secretary—(Vacancy.)
Recording Secretary—William H. Hirst.
Treasurer—John E. Stevenson.
Chicago Office—Headquarters, lake district, 19 South LaSalle street, room 1012.
Superintendent—Rev. William W. Johnstone, D. D.

FEDERAL COUNCIL OF THE CHURCHES OF CHRIST IN AMERICA.

Organized in December, 1908.

President—Bishop E. R. Hendrix, D. D., LL. D.
Executive Secretary—Rev. Charles S. Macfarland, D. D.
Corresponding Secretary—E. B. Sanford, D. D., 1611 Clarendon building, 215 4th avenue, New York, N. Y.
Recording Secretary—Rivington D. Lord, D. D.
Treasurer—Alfred R. Kimball.
Executive Committee—William H. Roberts, D. D., LL. D., chairman; Frank Mason, D. D., vice-chairman, and delegates from thirty-three denominations which are represented in the federal council through the official action of their highest national judicatories, assemblies and conferences.

National Offices—1611 Clarendon building, 215 4th avenue, New York, N. Y.

AMERICAN TRACT SOCIETY.

Organized 1825.

President—William Phillips Hall.
General Secretary—Rev. Judson Swift, D. D.
Assistant Treasurer—Louis Tag.
Offices—150 Nassau street, New York, N. Y.

RELIGIOUS EDUCATION ASSOCIATION.

Organized Feb. 12, 1903.

President—Dr. Harry Pratt Judson, University of Chicago, Chicago, Ill.
Recording Secretary—Charles M. Stuart, Evanston, Ill.
General Secretary—Henry Frederick Cope, Chicago, Ill.
Treasurer—Charles L. Hutchinson, Chicago, Ill.
Executive Offices—332 South Michigan avenue, Chicago, Ill.

The purpose of the association is to promote the improvement and extension of moral and religious education through existing agencies in the churches, schools, etc., by serving as a center, a clearing house and a bureau of information and promotion. The association publishes a bimonthly magazine; maintains a permanent library and exhibit, superintends local guilds, holds general conventions and local conferences. It enrolls in its membership any persons interested in moral and religious education regardless of sectarian or theological lines.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

International Committee of Young Men's Christian Associations of North America—Alfred E. Marling, chairman; William Sloane, William D. Murray, vice-chairmen; Frederick B. Schenck, treasurer; Richard C. Morse, general secretary; John R. Mott, associate general secretary; general offices, 124 East 28th street, New York, N. Y. The annual report made in 1912 shows: Associations, 2,192; members, 586,101; value of real property, \$66,639,153; total net property, \$73,160,293; number of employed officers, 3,633; students in educational classes, 67,417; 613 gymnasiums; 175,431 enrolled in gymnasium classes; 167 athletic fields; 232 railroad associations with 83,466 members; 724 student associations with 62,938 members; boy membership, 112,871.

YOUNG PEOPLE'S CHRISTIAN UNION OF THE UNIVERSALIST CHURCH.

President—Rev. Stanley Manning, Minneapolis, Minn.
 Secretary—Roger F. Etz, 359 Boylston street, Boston, Mass.
 Treasurer—James B. Knapp, 99 Fulton street, New York city.

UNITED SOCIETY OF CHRISTIAN ENDEAVOR.

President—Rev. Francis E. Clark, D. D., LL. D., General Secretary—William Shaw, Tremont Temple, Boston, Mass.
 Editorial Secretary—Prof. Amos R. Wells.
 Treasurer—Hiram N. Lathrop.
 Publication Manager—A. R. Shartle.
 Manager Western Office—Walter R. Mee, 820, 19 South LaSalle street, Chicago.

ILLINOIS CHRISTIAN ENDEAVOR UNION.

President—Walter R. Mee, 19 South LaSalle street.
 Vice-Presidents—Walter R. Ceperly, Chicago; Charles Randolph, Springfield.
 Secretary—Estella Jorgensen, 4303 Lowell avenue, Chicago.
 Treasurer—William V. Martin, 1326 North 6th street, Quincy.

BROTHERHOOD OF ANDREW AND PHILIP.

President—William N. Gordon, Philadelphia, Pa.
 Vice-President—Dr. B. K. Wilbur, Bryn Mawr, Pa.
 Recording Secretary—G. Percy Fox, 2524 Girard avenue, Philadelphia, Pa.
 General Secretary—Rev. R. Howard Taylor, 701 Hale building, Philadelphia, Pa.

THE SALVATION ARMY.

Organized in London July, 1865.
 Commander in Chief—Gen. Bramwell Booth.
 General Headquarters—London, England.
 American National Headquarters—120 West 14th street, New York, N. Y.
 Commander of United States Forces—Evangeline C. Booth.
 Western Territorial Headquarters—669 South State street, Chicago, Ill.

LAKES-TO-GULF DEEP-WATERWAY PROJECT.

Oct. 16, 1907, the legislature of Illinois passed a joint resolution providing for the submission to the electors of the state of an amendment to the constitution permitting the general assembly to provide for the construction of a deep waterway from Lockport to Utica and to authorize the issue of bonds to the amount of \$20,000,000 for this purpose. At the election of Nov. 3, 1908, the people approved the proposed amendment by a vote of 692,522 for to 195,177 against. At the regular session of the legislature in 1909 the waterway project was considered, but no agreement could be reached as to the question of going ahead immediately with the work or waiting for federal aid and no bill was passed. The matter was included in the list of subjects to be considered at the extra session of the legislature in the winter and spring of 1909-1910, but no action was taken.

At the regular session in 1911 a waterway bill

Western Territorial Commissioner—Thomas Estill.
 Posts in World—9,004.
 Posts in Chicago—20.
 Institutions in Chicago—22.

THE VOLUNTEERS OF AMERICA.

Organized in March, 1896.
 Commanders—Gen. Ballington and Maud B. Booth.
 National Headquarters—34 West 28th street, New York, N. Y.
 Northwestern Headquarters—1201-1213 Washington boulevard, Chicago, Ill.
 Territorial Commander—Maj.-Gen. Edward Fielding.

INTERNATIONAL ORDER OF THE KING'S DAUGHTERS AND SONS.

Headquarters—156 5th avenue, New York, N. Y.
 President—Miss Kate Bond, New York, N. Y.
 First Vice-President—(Vacancy.)
 Second Vice-President—Miss Annie M. Brown, Toronto, Ont.
 General Secretary-Treasurer and Editor—Mrs. Mary Lowe Dickinson, 156 5th avenue, New York, N. Y.
 Corresponding Secretary—Miss Clara Morehouse, 156 5th avenue, New York, N. Y.
 Recording Secretary—Mrs. A. H. Evans, 236 West 86th street, New York, N. Y.

RELIGIONS OF THE WORLD.

According to the revised (1898) edition of Mulhall's Dictionary of Statistics there are 476,100,000 Christians in the world. The same authority places the number of Roman catholics in Europe, America and Australia at 223,090,000; protestants, 157,050,000, and Greeks, 88,660,000. It has been estimated that there are in the world 256,000,000 followers of Confucius, 190,000,000 Hindus, 176,800,000 Mohammedans, 148,000,000 Buddhists, 13,000,000 polytheists, 43,000,000 Taoists, 14,000,000 Shintoists and 12,000,000 Jews. Of the Christians more than 230,000,000 are catholics, 98,300,000 orthodox Greeks, 70,000,000 Lutherans, 21,000,000 episcopalians, 17,000,000 methodists, 11,000,000 baptists, 9,000,000 presbyterians and 4,500,000 congregationalists.

was passed by the senate, but in the house Speaker Charles Adkins prevented any action being taken. Gen. Doremus called an extra session of the legislature, which began June 14, but adjourned without taking final action.

WATERWAY ASSOCIATION.

The Lakes-to-Gulf Deep-Waterway association is an organization formed to aid in every way possible the realization of the deep-waterway project. It is made up chiefly of men representing the states most directly interested in the plan and annual meetings are held, the seventh gathering taking place in Little Rock, Ark., in September, 1912. The chief officers are:
 President—William K. Kavanaugh, St. Louis, Mo.
 Secretary—Thomas H. Lovelace, 914 New Bank of Commerce building, St. Louis, Mo.
 Treasurer—Edwin S. Monroe, Joliet, Ill.

NATIONAL HYMNS OF VARIOUS COUNTRIES.

Following is a list of songs used as national hymns or anthems in various countries of the world:

United States—"The Star Spangled Banner."
 "American" and "Hail, Columbia" are also used as national songs.

Great Britain—"God Save the King."

Germany—"Die Wacht am Rhein" (The Watch on the Rhine).

France—"La Marseillaise."

Austria—"Gott Erhalte Unsern Kaiser" (God Preserve Our Emperor).

Hungary—"Isten Áld Meg a Magyar" (Lord, Bless the Hungarian).

Belgium—"La Brabanconne" (Song of the Brabantines).

Denmark—"Kong Kristian Stod Ved Høien Mast" (King Christian Stood Beside the lofty Mast).

Norway—"Ja, Vi elsker Dette Landet" (Yes, We Love This Land).

Sweden—"Fosterjorden" (Land of My Birth).

Finland—"Vårt Land" (Our Land).

Russia—"God Preserve the Czar."

Italy—"Marcia Reale Italiana" (Royal Italian March).

Mexico—"Mexicanos, al Grito de Guerra" (Mexicans, at the Cry of War).

Wales—"Land of My Fathers."

*Official in navy.

FRATERNAL AND BENEVOLENT SOCIETIES.

GRAND LODGES A. F. & A. M.

NAMES AND ADDRESSES OF GRAND SECRETARIES
OCTOBER, 1912.

Alabama—George A. Beauchamp, Montgomery.
 Alberta—Dr. George Macdonald, Calgary.
 Arizona—George J. Roskrug, Tucson.
 Arkansas—Fay Hempstead, Little Rock.
 British Columbia—W. A. DeW. Smith, Westminster.
 California—John Wicher, San Francisco.
 Canada—Ralph L. Gunn, Hamilton, Ont.
 Colorado—Charles H. Jacobson, Denver.
 Connecticut—Frank W. Havens, Hartford.
 Cuba—Carlos G. Charles, Havana.
 Delaware—Virginius V. Harrison, Wilmington.
 District of Columbia—A. W. Johnston, Washington.
 England—Sir Edward Letchworth, London.
 Florida—W. P. Webster, Jacksonville.
 Georgia—W. A. Woolhlin, Macon.
 Idaho—Theodore W. Randall, Boise.
 Illinois—Isaac Cutter, Camp Point.
 Indiana—Calvin W. Prather, Indianapolis.
 Iowa—Newton R. Parvin, Cedar Rapids.
 Ireland—H. E. Flavell, Dublin.
 Kansas—Albert K. Wilson, Topeka.
 Kentucky—(Vacancy.)
 Louisiana—Richard Lambert, New Orleans.
 Maine—Stephen Berry, Portland.
 Manitoba—James A. Ovas, Winnipeg.
 Maryland—George Cook, Baltimore.
 Massachusetts—Thomas W. Davis, Boston.
 Michigan—Lou E. Winsor, Reed City.
 Minnesota—John Fishel, St. Paul.
 Mississippi—Frederic Speed, Vicksburg.
 Missouri—John R. Parson, St. Louis.
 Montana—Cornelius Hedges, Jr., Helena.
 Nebraska—Francis E. White, Omaha.
 Netherlands—J. Bondiwezze, The Hague.
 Nevada—E. D. Vanderlieth, Carson City.
 New Brunswick—J. Twining Hartt, St. John.
 New Hampshire—Henry M. Cheney, Concord.
 New Jersey—Benjamin F. Wakefield, Trenton.
 New Mexico—Alpheus A. Keane, Albuquerque.
 New York—Edward M. L. Lelars, New York.
 New Zealand—Malcolm Nicol, Wellington.
 North Carolina—John C. Drewry, Raleigh.
 North Dakota—Walter L. Stockwell, Fargo.
 Nova Scotia—Thomas Mowbray, Halifax.
 Ohio—J. H. Bromwell, Cincinnati.
 Oklahoma—William M. Anderson, Waurika, and Joseph S. Murrow, Atoka.
 Oregon—James F. Robinson, Portland.
 Pennsylvania—John A. Perry, Philadelphia.
 Prince Edward Island—W. P. Donell, Charlottetown.
 Quebec—Will H. Whyte, Montreal.
 Queensland—Charles H. Harley, Brisbane.
 Rhode Island—S. Pentose Williams, Providence.
 Saskatchewan—John M. Shaw, Regina.
 Scotland—David Reid, Edinburgh.
 South Australia—C. R. J. Glover, Adelaide.
 South Carolina—O. H. Hart, Charleston.
 South Dakota—George A. Pettigrew, Sioux Falls.
 Tasmania—John Hamilton, Hobart.
 Tennessee—John B. Garrett, Nashville.
 Texas—John Watson, Waco.
 United Grand Lodge of Victoria—Charles J. Barrow, Melbourne.
 United Grand Lodge of New South Wales—Arthur H. Bray, Sydney.
 Utah—(Vacancy.)
 Vermont—Henry H. Ross, Burlington.
 Virginia—George W. Carrington, Richmond.
 Washington—Horace W. Tyler, Tacoma.
 Western Australia—J. D. Stevenson, Perth.
 West Virginia—(Vacancy.)
 Wisconsin—William W. Perry, Milwaukee.
 Wyoming—William M. Kuykendall, Saratoga.

ROYAL ARCH MASONS.

GENERAL GRAND CHAPTER.

General Grand High Priest—Bernard G. Witt, Henderson, Ky.
 General Deputy Grand High Priest—George E. Carson, Washington, D. C.
 General Grand King—Frederick W. Craig, Des Moines, Iowa.

General Grand Scribe—William F. Kuhn, Kansas City, Mo.
 General Grand Treasurer—John M. Carter, Baltimore, Md.
 General Grand Secretary—Christopher G. Fox, Buffalo, N. Y.
 Headquarters, Buffalo, N. Y.
 Number of grand chapters, 48.

ROYAL AND SELECT MASTERS.

GENERAL GRAND COUNCIL 1912-13.

General Grand Master—J. Albert Blake, Malden, Mass.
 General Grand Deputy Master—Edward W. Wellington, Ellsworth, Kas.
 General Grand Principal Conductor—George A. Newell, Medina, N. Y.
 General Grand Treasurer—Thomas E. Shears, Denver, Col.
 General Grand Recorder—Henry W. Mordhurst, Fort Wayne, Ind.
 General Grand Captain of Guard—William F. Cleveland, Harlan, Iowa.
 General Grand Conductor of Council—Fay Hempstead, Little Rock, Ark.
 General Grand Marshal—Joseph C. Greenfield, Atlanta, Ga.
 General Grand Steward—Bert S. Lee, Springfield, Mo.

KNIGHTS TEMPLAR.

OFFICERS OF THE GRAND ENCAMPMENT K. T. OF THE UNITED STATES.

Most Eminent Grand Master—Sir Knight William B. Melish, Cincinnati, O.
 R. E. Deputy Grand Master—Sir Knight Arthur MacArthur, Troy, N. Y.
 V. E. Grand Generalissimo—Sir Knight W. Frank Pierce, San Francisco, Cal.
 V. E. Grand Captain General—Sir Knight Lee S. Smith, Pittsburg, Pa.
 V. E. Grand Senior Warden—Sir Knight Joseph Kyle Orr, Atlanta, Ga.
 V. E. Grand Prelate—Sir Knight Rev. John M. Walden, Cincinnati, O.
 V. E. Grand Treasurer—Sir Knight Henry W. Lines, Meriden, Conn.
 V. E. Grand Recorder—Sir Knight John Archibald Gerow, Detroit, Mich.
 V. E. Grand Standard Bearer—Sir Knight Leonidas P. Newby, Knightstown, Ind.
 V. E. Grand Sword Bearer—Sir Knight Frederick C. Thayer, Waterville, Me.
 V. E. Grand Warden—Sir Knight Hutson B. Colman, Kalamazoo, Mich.
 V. E. Captain of the Guard—Sir Knight N. W. Boykin, Richmond, Va.

ANCIENT ACCEPTED SCOTTISH RITE MASONS.

NORTHERN MASONIC JURISDICTION.

M. P. Sovereign Grand Commander—Barton Smith, Toledo, O.
 Grand Treasurer-General—Leroy Goddard, Chicago, Ill.
 Grand Secretary-General—James H. Coddling, New York, N. Y.
 Grand Minister of State—Amos Pettibone, Chicago, Illinois.
 Master General of Ceremonies—Thomas E. Balding, Milwaukee, Wis.

SOUTHERN MASONIC JURISDICTION.

M. P. Sovereign Grand Commander—James D. Richardson, Washington, D. C.
 Secretary-General—A. B. Chamberlain, Washington, D. C.

ANCIENT ARABIC ORDER NOBLES OF THE MYSTIC SHRINE.

First temple founded Sept. 26, 1872.

IMPERIAL COUNCIL 1912-13.

Imperial Potentate—William J. Cunningham, Baltimore, Md.
 Imperial Deputy Potentate—William W. Irwin, Wheeling, W. Va.
 Imperial Chief Rabbani—Frederick R. Smith, Rochester, N. Y.

Imperial Assistant-Rabban-J. Putnam Stevens, Portland, Me.
 Imperial High Priest and Prophet-Henry F. Niedringhaus, St. Louis, Mo.
 Imperial Oriental Guide-Charles E. Ovenshire, Minneapolis, Minn.
 Imperial Treasurer-W. S. Brown, Pittsburgh, Pa.
 Imperial Recorder-B. W. Rowell, 206 Masonic Temple, Boston, Mass.
 Imperial First Ceremonial Master-Elias J. Jacoby, Indianapolis, Ind.
 Imperial Second Ceremonial Master-W. F. Kendrick, Philadelphia, Pa.
 Imperial Marshal-E. L. Garretson, Tacoma, Wash.
 Imperial Captain of Guard-William J. Matthews, New York, N. Y.
 Imperial Outer Guard-Ernest A. Cutts, Savannah, Ga.

ORDER OF THE EASTERN STAR.

Organized Nov. 15, 1876.

OFFICERS OF GENERAL GRAND CHAPTERS 1911-1914.
 Most Worthy Grand Matron-Mrs. Mary A. S. Miller, El Reno, Okla.
 Most Worthy Grand Patron-The Rev. D. Engle, Indianapolis, Ind.
 Right Worthy Associate Grand Matron-Mrs. R. A. Mills, Duke Center, Pa.
 Right Worthy Associate Grand Patron-G. A. Pettigrew, Sioux Falls, S. D.
 Right Worthy Grand Secretary-Mrs. Lorraine J. Pitkin, Chicago, Ill.
 Right Worthy Grand Treasurer-Mrs. Harriette A. Ercanbrack, Anamosa, Iowa.
 Right Worthy Grand Conductress-Mrs. Emma Ocock, Hartford, Mich.

INDEPENDENT ORDER OF ODD FELLOWS.

SOVEREIGN GRAND LODGE.

Grand Sire-C. A. Keller, San Antonio, Tex.
 Deputy Grand Sire-Robert T. Daniel, Griffin, Ga.
 Grand Secretary-John B. Goodwin, Baltimore, Md.
 Grand Treasurer-M. Richards Muckie, Philadelphia, Pa.
 Membership Dec. 31, 1911, 2,080,894.
 Total paid for relief 1830 to 1911, inclusive, \$142,552,-661.72.

IMPROVED ORDER OF RED MEN.

Founded 1763-1834.

GREAT CHIEFS OF THE GREAT COUNCIL OF THE UNITED STATES.
 Great Inchoonee-Carl Foster, Bridgeport, Conn.
 Great Senior Sagamore-Frederick O. Downes, Boston, Mass.
 Great Junior Sagamore-Thomas H. Jeffries, Atlanta, Ga.
 Great Prophet-George B. Griggs, Houston, Tex.
 Great Chief of Records-Wilson Brooks, 230 South LaSalle street, Chicago, Ill.
 Great Keeper of Wampum-William Provin, Westfield, Mass.
 Number of great councils, 66.
 Subordinate branches and councils, 5,372.
 Number of members, 505,175.
 Benefits disbursed in 1911, \$1,497,153.42.
 Benefits disbursed since organization, \$29,781,797.87.

KNIGHTS OF PYTHIAS.

SUPREME LODGE.

Supreme Chancellor-Thomas J. Carling, Macon, Ga.
 Supreme Vice-Chancellor-S. Young, Ada, O.
 Supreme Prelate-Rev. Joseph H. Spearing, Anniston, Ala.
 Supreme Keeper of Records and Seal-Fred E. Wheaton, Minneapolis, Minn.
 Supreme Master of Exchequer-Thomas D. Mears, Wilmington, N. C.
 Supreme Master at Arms-Frank A. Godsoe, St. Johns, N. B.
 Supreme Inner Guard-Douglas S. Wright, Vicksburg, Miss.
 Supreme Outer Guard-H. M. Wadsworth, Philadelphia, Pa.
 Major-General Military Department-Arthur J. Stobert, St. Paul, Minn.
 Membership, Jan. 1, 1911, 71,779.
 Expended for relief in 1910, \$1,864,729.35.

GRAND LODGE OF ILLINOIS.

Grand Chancellor-Joseph M. Omo, Chicago.
 Grand Vice-Chancellor-Wm. K. Whitfall, Decatur.
 Grand Keeper of Records and Seal-Henry P. Caldwell, 705, 189 West Madison street, Chicago.

INDEPENDENT ORDER OF FORESTERS.

Founded 1874.

SUPREME OFFICERS.

Supreme Chief Ranger-Elliott G. Stevenson, Toronto, Ont.
 Past Chief Ranger-Victor Morin, B. A., N. P., Montreal, Que.
 Supreme Vice-Chief Ranger-J. D. Clark, Dayton, O.
 Supreme Secretary and Treasurer-Robert Mathison, M. A., Temple building, Toronto, Ont.
 Supreme Physician-Thomas Millman, M. D., Toronto, Ont.
 Supreme Counselor-W. H. Hunter, B. A., Toronto, Ont.
 Total number of members, 242,000.
 Benefits disbursed since organization to Dec. 31, 1911, \$34,828,085.05.

MODERN WOODMEN OF AMERICA.

Founded in 1833.

HEAD OFFICERS 1911-1914.

Head Consul-A. R. Talbot, Lincoln, Neb.
 Head Adviser-Dan B. Horne, Davenport, Iowa.
 Head Clerk-C. W. Hawes, Rock Island, Ill.
 Assistant Head Clerk-James McNamara, Rock Island, Ill.
 Head Banker-David S. Myers, Pontiac, Ill.
 General Attorneys-Benjamin D. Smith, Mankato, Minn.; Truman Plantz, Warsaw, Ill.
 Editor-F. O. Van Galder, Rock Island, Ill.
 Head Chaplain-Rev. Henry N. Dunning, Albany, N. Y.
 Head Escort-J. G. Dickson, Spokane, Wash.
 Head Watchman-J. L. Mayfield, Granada, Col.
 Head Sentry-Frank McCallip, Washington, D. C.
 Board of Directors-R. B. Smith, Brookfield, Mo., chairman; E. E. Murphy, Leavenworth, Kas.; S. S. Tanner, Minier, Ill.; F. B. Korns, Des Moines, Iowa; A. N. Bort, Beloit, Wis. These with the head consul and head clerk constitute the executive council of seven.
 Supreme Medical Directors-Dr. E. L. Kerns, Rock Island, Ill.; Dr. F. A. Smith, Rock Island, Ill.; Dr. B. E. Jones, Rock Island, Ill.
 Board of Auditors-Fred W. Parrott, Clay Center, Kas., chairman; L. W. Otto, Crawfordville, Ind.; M. R. Carrier, Lansing, Mich.; George S. Summers, Cape Girardeau, Mo.; E. B. Thomas, Columbus, O.; Martin O'Brien, Crookston, Minn.; George L. Bowman, Kingfisher, Okla.
 Membership Jan. 1, 1912, not including social, 1,183,733.
 Death claims paid to Jan. 1, 1912, \$104,731,525.40.
 Home Office-Rock Island, Ill.
 Next head camp convenes June, 1914.

ROYAL ARCANUM.

Organized June 23, 1877.

SUPREME COUNCIL.

Supreme Regent-F. T. McFaden, Richmond, Va.
 Supreme Vice-Regent-Frank B. Wickersham, Harrisburg, Pa.
 Supreme Orator-P. F. McGowan, New York, N. Y.
 Supreme Secretary-Alfred T. Turner, 407 Shawmut avenue, Boston, Mass.
 Supreme Treasurer-A. S. Robertson, St. Louis, Mo.
 Grand Regent of Illinois-Graeme L. Smith, 29 West Monroe street, Chicago, Ill.
 Grand Secretary of Illinois-John Kiley, 29 West Monroe street, Chicago, Ill.
 Head office at 407 Shawmut avenue, Boston, Mass.
 Number of subordinate councils, 1,938; state jurisdictions, 30.
 Membership Oct. 1, 1912, 250,171.

NATIONAL UNION.

OFFICERS OF THE SENATE.

President-Joseph A. Wright, Third National Bank building, St. Louis, Mo.
 Speaker-Harry S. Anderson, 405 13th street, Oakland, Cal.

Secretary—E. A. Myers, P. O. box 563, Toledo, O.
 Treasurer—C. G. Bentley, Cleveland, O.
 General Counsel—George P. Kirby, Toledo, O.
 Executive Committee—H. C. Smale, Joseph A. Wright, E. A. Myers, C. G. Bentley, Leo Canman, M. G. Jeffris, F. E. Ferguson.
 Total membership, 65,900; in Cook county, Illinois, 17,338.

ANCIENT ORDER OF UNITED WORKMEN.

Founded 1868.

SUPREME LODGE OFFICERS 1911-13.

Supreme Master Workman—Will M. Narvis, Muscatine, Iowa.
 Supreme Foreman—Edward J. Moore, Fargo, N. D.
 Supreme Overseer—Edward E. Hohmann, Johnstown, Pa.
 Supreme Recorder—M. W. Sackett, Meadville, Pa.
 Supreme Receiver—E. F. Danforth, Skowhegan, Me.
 Supreme Guide—F. M. Crain, M. D., Redfield, S. D.
 Supreme Watchman—C. C. Rhodes, Pawtucket, R. I.
 Supreme Medical Examiner—G. A. Aschman, M. D., Wheeling, W. Va.
 Membership entire order, 400,000.

JUNIOR ORDER UNITED AMERICAN MECHANICS.

Founded 1853.

NATIONAL COUNCIL.

National Councilor—John J. Weitzel, Cincinnati, O.
 National Vice-Councilor—A. D. Wilkin, Pittsburgh, Pa.
 Junior Past National Councilor—H. L. Taylor, Newport, Tenn.
 National Secretary—Martin M. Woods, box 874, Philadelphia, Pa.
 National Treasurer—Charles Reimer, 1832 West Saratoga street, Baltimore, Md.
 National Conductor—R. J. Poole, Troy, N. C.
 National Inside Sentinel—H. Terry, Laurens, S. C.
 National Outside Sentinel—W. S. Schenck, Bellingham, Wash.
 National Chaplain—Rev. M. D. Lichliter, Harrisburg, Pa.
 Secretary—Manager Beneficiary Degree and Funeral Benefit Department—Stephen Collins, box 595, Pittsburgh, Pa.
 Meets in Fabyans, N. H., third Tuesday in June, 1913.

WOODMEN OF THE WORLD.

Organized June 6, 1890.

Sovereign Commander—Joseph C. Root, Omaha, Neb.
 Sovereign Adviser—W. A. Fraser, Dallas, Tex.
 Sovereign Clerk—John T. Yates, 211 W. O. W. building, Omaha, Neb.
 Sovereign Banker—Morris Sheppard, Texarkana, Tex.
 Sovereign Escort—H. F. Simrall, Jr., Columbus, Miss.
 Sovereign Watchman—B. W. Jewell, Omaha, Neb.
 Sovereign Sentry—De E. Bradshaw, Little Rock, Ark.
 Sovereign Physicians—Dr. A. D. Cloyd and Dr. Ira W. Porter, Omaha, Neb.
 Sovereign Managers—J. E. Fitzgerald, Kansas City, Mo., chairman; E. B. Lewis, Kingston, N. C.; E. D. Campbell, Port Huron, Mich.; N. B. Maxew, Muskogee, Okla.; T. E. Patterson, Chattanooga, Tenn.; Rainey T. Wells, Murray, Ky.; William Ruess, Cleveland, O.
 Headquarters—Omaha, Neb.
 Membership Oct. 1, 1911, 864,689 (all jurisdictions and auxiliaries).
 Losses paid from organization to Oct. 1, 1911, \$68,423,370.61.
 Insurance in force, \$1,181,432,400.
 Emergency and surplus (total assets), \$22,254,019.99.

TRIBE OF BEN-HUR.

Founded March 1, 1894.

SUPREME OFFICERS.

Supreme Chief—R. H. Gerard, Crawfordsville, Ind.
 Supreme Scribe—John C. Snyder, Crawfordsville, Ind.
 Supreme Keeper of Tribute—S. E. Voris, Crawfordsville, Ind.

Supreme Medical Examiner—J. F. Davidson, M. D., Crawfordsville, Ind.
 Membership Sept. 1, 1912, 122,953.
 Surplus, \$1,673,506.
 Home Office—Crawfordsville, Ind.

INDEPENDENT ORDER FREE SONS OF ISRAEL.

Organized in 1849.

GENERAL OFFICERS.

Grand Master—M. S. Stern, New York, N. Y.
 First Deputy Grand Master—J. Baer, New York, N. Y.
 Second Deputy Grand Master—H. Jacobs, New York, N. Y.
 Third Deputy Grand Master—Adolph Pike, Chicago, Ill.
 Grand Secretary—Abraham Hafer, New York, N. Y.
 Grand Treasurer—L. Frankenthaler, New York, N. Y.

FRATERNAL UNION OF AMERICA.

OFFICERS OF SUPREME LODGE.

President—V. A. Young, Denver, Col.
 Vice-President—H. M. Waring, Omaha, Neb.
 Secretary—C. P. Gaylord, Denver, Col.
 Treasurer—Willis M. Marshall, Denver, Col.
 Physician—M. A. Hoover, Kearney, Neb.
 Protector—George A. Ostrom, Portland, Ore.
 Protection in force Oct. 1, 1912, \$55,548,405.
 Benefit members, 43,188.
 Total claims paid to Oct. 1, 1912, \$3,805,821.57.

KNIGHTS OF HONOR.

Organized June 30, 1873.

Supreme Dictator—Edwin C. Wood, New York, N. Y.
 Supreme Vice-Dictator—Steve E. Johnston, Atlanta, Ga.
 Supreme Assistant Dictator—R. W. Finley, Austin, Tex.
 Supreme Reporter and Treasurer—Frank B. Sliger, St. Louis, Mo.
 Supreme Chaplain—Rev. A. J. Hess, Columbus, Ky.
 Supreme Guide—R. S. Fletcher, Jackson, Tenn.
 Supreme Guardian—W. W. Bosworth, New Orleans, La.
 Supreme Sentinel—Frank E. Sullivan, Dorchester, Mass.
 Supreme Trustees—D. S. Biggs, Boston, Mass.; Henry N. Way, Philadelphia, Pa.; L. Schwartz, Mobile, Ala.
 Supreme Medical Examiner—Dr. H. C. Dalton, St. Louis, Mo.

GRAND LODGE OF ILLINOIS.

Grand Dictator—George J. Teller, Chicago.
 Grand Reporter—A. B. Garrett, East St. Louis.
 Grand Treasurer—N. C. Nason, Shelbyville.
 Benefits paid since organization, \$98,978,292.26.

KNIGHTS AND LADIES OF HONOR.

Organized 1877.

SUPREME LODGE OFFICERS.

Supreme Protector—George D. Taft, Indianapolis, Ind.
 Supreme Secretary—W. W. Connel, Indianapolis, Ind.
 Supreme Treasurer—George A. Byrd, Indianapolis, Ind.
 Supreme Medical Examiner—Dr. J. D. Nichols, Indianapolis, Ind.
 Supreme Chaplain—Mrs. Lillian A. E. Harding, Somerville, Mass.
 Supreme Guide—H. F. A. Spilker, St. Louis, Mo.
 Supreme Guardian—Conrad Lutz, Weehawken, N. J.
 Supreme Sentinel—M. J. P. Lacy, Dallas, Tex.
 Headquarters of order in Indianapolis, Ind.
 Total membership Sept. 1, 1912, 75,000.
 Death claims paid since organization, \$32,000,000.

MYSTIC WORKERS OF THE WORLD.

Founded 1896.

Supreme Master—J. Ross Mickey, Macomb, Ill.
 Supreme Secretary—John R. Walsh, Fulton, Ill.
 Supreme Banker—Al F. Schoch, Ottawa, Ill.
 General Attorney—Charles E. Stutz, Kewanee, Ill.
 Grand lodge, 1.
 Subordinate lodges, 990.
 Members Sept. 1, 1912, 73,029.
 Benefits disbursed since organization, \$3,022,746.57.
 Benefits disbursed last fiscal year, \$556,214.32.

THE KNIGHTS OF THE MACCABEES OF THE WORLD.

Instituted 1878; reorganized 1883.

OFFICERS 1911-15.

Past Supreme Commander—D. D. Aitken, Flint, Mich.**Supreme Commander—D. P. Markey, Detroit, Mich.****Supreme Lieutenant-Commander—J. B. Sawtell, Waco, Tex.****Supreme Record Keeper—L. E. Sisler, Detroit, Mich.****Supreme Chaplain—J. A. Stackhouse, Memphis, Tenn.****Supreme Sergeant—J. A. Kordon, Chicago, Ill.****Supreme Master at Arms—J. W. Sherwood, Portland, Ore.****Supreme First Master of the Guards—J. S. Boots, New Brighton, Pa.****Supreme Second Master of the Guards—S. C. C. Ward, Augusta, Me.****Supreme Sentinel—E. L. Burns, Elkhart, Ind.****Supreme Picket—A. W. Frye, Newark, N. J.****Membership Sept. 30, 1912, 286,296.****Benefits paid to Sept. 30, 1912, \$48,725,833.68.****THE ROYAL LEGUE.**

Incorporated Oct. 26, 1883.

OFFICERS FOR 1911-12.

Supreme Archon—W. E. Hyde, Chicago, Ill.**Supreme Vice-Archon—Thomas V. Dally, Milwaukee, Wis.****Supreme Orator—H. P. Rountree, Chicago, Ill.****Supreme Scribe—C. E. Piper, 1601 Masonic Temple, Chicago, Ill.****Supreme Treasurer—J. W. Fernald, First National Bank, Chicago, Ill.****Supreme Prelate—Andrew McGarry, Chicago, Ill.****Supreme Guide—Harry M. Strawn, Cleveland, O.****Supreme Warder—J. M. Ritchey, East St. Louis, Ill.****Supreme Sentry—A. D. Marshall, Denver, Col.****Membership Dec. 31, 1911, 30,776.****FRATERNAL ORDER OF EAGLES.**

OFFICERS OF THE GRAND AERIE.

Grand Worthy President—William J. Brennan, Pittsburgh, Pa.**Grand Worthy Vice-President—Thomas J. Cogan, Cincinnati, O.****Grand Worthy Chaplain—Col. W. L. Grayson, Savannah, Ga.****Grand Secretary—John S. Parry, San Francisco, Cal.****Grand Treasurer—Finlay McRea, Helena, Mont.****Grand Worthy Conductor—Thomas P. Gleason, Minneapolis, Minn.****Grand Worthy Inside Guard—John E. Murray, Worcester, Mass.****PATRIOTIC ORDER SONS OF AMERICA.**

Organized Dec. 10, 1847.

NATIONAL CAMP OFFICERS.

President—Fred W. Alexander, Oak Grove, Va.**Vice-President—Sam D. Symmes, Crawfordsville, Ind.****Master of Forms—J. Calvin Strayer, York, Pa.****Secretary—Charles H. Stees, 524 North 6th street, Philadelphia, Pa.****Treasurer—O. B. Wetherhold, Reading, Pa.****Assistant Secretary—L. F. Stees, 524 North 6th street, Philadelphia, Pa.****Chaplain—Rev. A. B. Wood, Baltimore, Md.****Conductor—John W. Irvin, Shenandoah Junction, Va.****Inspector—J. W. White, Jacksonville, Fla.****Guard—D. L. Sides, Salisbury, N. C.****Medical Examiner in Chief—P. N. K. Schwenk, M. D., Philadelphia, Pa.****Place of meeting in 1913, Trenton, N. J.****Membership, 225,000.****BENEVOLENT AND PROTECTIVE ORDER OF ELKS.****Grand Exalted Ruler—Thomas B. Mills, Superior, Wis.****Grand Esteemed Leading Knight—James L. King, Tallahassee, Fla.****Grand Esteemed Loyal Knight—Charles H. Ward, Pasadena, Cal.****Grand Esteemed Lecturing Knight—Lloyd R. Maxwell.****Grand Secretary—Fred C. Robinson, Dubuque, Iowa.****Grand Treasurer—Edward Leach, New York, N. Y.****Grand Tiler—P. H. Shields, Clarksburg, W. Va.****Grand Inner Guard—John Lee Clarke, Albuquerque, N. M.****Membership 1912, 384,026.****Lodges 1912, 1,287.****ORDER SONS OF ST. GEORGE.**

SUPREME LODGE.

Supreme President—W. F. Barlow, Boston, Mass.**Supreme Secretary—W. J. Trembath, Wilkesbarre, Pa.****Number of lodges, 320.****Membership 1912, 29,221.****Benefits disbursed since organization, \$3,029,968.05.**

GRAND LODGE OF ILLINOIS.

Grand President—A. J. Parker, Chicago.**Grand Secretary—Charles C. Meurisse, 4638 Cottage Grove avenue, Chicago.****INTERNATIONAL ORDER OF GOOD TEMPLARS**

Organized in 1851.

NATIONAL GRAND LODGE (U. S.).

National Chief Templar—George F. Cotterill, Seattle, Wash.**National Secretary—Willard O. Wylie, Beverly, Mass.****National Treasurer—W. I. Sterling, Waterville, Me.**

SUPREME LODGE.

International Chief Templar—Edward Wavinsky, Stockholm, Sweden.**International Secretary—Tom Honeyman, Glasgow, Scotland.****Membership (world) over 600,000.****Next session of national lodge in Cleveland, O., in 1913; of supreme lodge, in Christiania, Norway, in 1914.****CATHOLIC ORDER OF FORESTERS.****High Chief Ranger—Thomas H. Cannon, Chicago, Ill.****Vice-Chief Ranger—Simeon Viger, Lawrence, Mass.****High Secretary—Thomas F. McDonald, Chicago, Ill.****High Treasurer—Gustav Keller, Appleton, Wis.****KNIGHTS OF COLUMBUS.**

Organized Feb. 2, 1882.

Supreme Knight—James A. Flaherty, drawer 96, New Haven, Conn.**Deputy Supreme Knight—Martin H. Carmody, Grand Rapids, Mich.****Supreme Secretary—William J. McGinley, drawer 96, New Haven, Conn.****Supreme Treasurer—D. J. Callahan, postoffice box 342, Washington, D. C.****Supreme Physician—E. W. Buckley, M. D., Pittsburgh building, St. Paul, Minn.****Supreme Advocate—Joseph C. Pelletier, 18 Tremont street, Boston, Mass.****Supreme Chaplain—Rev. P. J. McGivney, Middletown, Conn.****Total membership as of Sept. 30, 1912, 283,593; insurance, 91,843; associate, 191,750.****Insurance in force, \$96,163,000.****Assets, \$4,299,353.76.****Death claims paid since beginning of organization, \$5,954,206.62.****ANCIENT ORDER OF HIBERNIANS.**

GENERAL OFFICERS.

President—James J. Regan, St. Paul, Minn.**Vice-President—Joseph McLaughlin, Philadelphia, Pa.****Second Vice-President—Charles J. Fay, Perth, Ont.****Secretary—Philip Sullivan, Thompsonville, Conn.****Treasurer—Thomas Maloney, Council Bluffs, Iowa.****Chaplain—Rev. John P. Carroll, Helena, Mont.**

ILLINOIS OFFICERS.

President—John F. Quinn, Joliet.**Secretary—M. W. Delaney, Chicago.****Treasurer—P. J. O'Brien, Chicago.**

UNITED ORDER OF FORESTERS.

EXECUTIVE COUNCIL.

Supreme Ranger—R. C. Sherrard, suite 660, 17 North LaSalle street, Chicago.
 Supreme Vice-Ranger—J. B. McGilligan, 1714 22d street, Superior, Wis.
 Supreme Secretary—George W. Blann, Hathaway building, Milwaukee, Wis.
 Supreme Treasurer—William A. Stoltz, State Life building, Indianapolis, Ind.
 Supreme Counselor—James Schoonmaker, Oppenheim building, St. Paul, Minn.
 Supreme Physician—Dr. S. T. Richman, 5659 Wentworth avenue, Chicago.

NATIONAL FRATERNAL CONGRESS.

President—J. D. Clark, Dayton, O.
 Secretary—C. A. Gower, Lansing, Mich.
 Orders that are members of the National Fraternal congress, with names and addresses of the secretaries:

American Insurance Union—George W. Hoglan, Columbus, O.
 Artisans' Order Mutual Protection—William Patton, 204 Parkway building, Philadelphia, Pa.
 Ancient Order United Workmen—M. W. Sackett, Meadville, Pa.
 Beneficiary Degree Junior Order American Mechanics—Stephen Collins, Pittsburgh, Pa.
 Catholic Knights of America—Anthony Matre, Mercantile building, St. Louis, Mo.
 Catholic Knights and Ladies of America—Henry F. Hayes, suite 1312 Ashland block, Chicago, Ill.
 Catholic Mutual Benefit Association—Joseph Cameron, Hornellsville, N. Y.
 Catholic Order Foresters—Thomas F. McDonald, 1228 Stock Exchange building, Chicago, Ill.
 Catholic Relief and Beneficiary Association—Miss Margaret H. Graney, Auburn, N. Y.
 Catholic Women's Benevolent Legion—Mrs. Sara E. Skelly, 153 East 44th street, New York, N. Y.
 Court of Honor—W. E. Robinson, Springfield, Ill.
 Degree of Honor—Mrs. E. E. Allburn, 316 United Bank building, Sioux City, Iowa.
 Fraternal Aid Association—L. D. Roberts, Lawrence, Kas.
 Fraternal Brotherhood—H. V. Davis, 845 Figueroa street, Los Angeles, Cal.
 Fraternal Mystic Circle—J. D. Myers, 1913 Arch street, Philadelphia, Pa.
 Fraternal Union America—C. P. Gaylord, E. U. of A. building, Denver, Col.
 Improved Order Heptasophs—Frank E. Pleitner, Preston and Cathedral streets, Baltimore, Md.
 Independent Order of Foresters—Robert Mathison, Toronto, Ont.
 Knights of Columbus—William J. McGinley, New Haven, Conn.
 Knights of Honor—Frank B. Sliger, 404 Odd Fellows' building, St. Louis, Mo.
 Knights of Pythias (insurance department)—W. O. Powers, Pythian building, Indianapolis, Ind.
 Knights and Ladies of Security—J. V. Abrahams, Topeka, Kas.
 Knights of the Maccabees of the World—L. E. Siskier, Detroit, Mich.
 L. C. B. A. Ps. J. A. Royer, 443 West 11th street, Erie, Pa.
 Ladies of the Maccabees of the World—Miss Frances D. Partridge, Port Huron, Mich.
 Ladies of the Modern Maccabees—Emma E. Bower, Port Huron, Mich.
 Loyal Americans—H. D. Cowan, Karpen building, Chicago, Ill.
 Loyal Association—Frank S. Petter, 76 Montgomery street, Jersey City, N. J.
 Loyal Guard—F. H. Rankin, Flint, Mich.
 National Union—E. A. Myers, National Union building, Toledo, O.
 New England Order of Protection—D. M. Frye, 18 Fremont street, Boston, Mass.
 Order of Aztecs—M. O. Brittain, Fort Worth, Tex.
 Order of Columbian Knights—Edwin D. Peifer, 704 Masonic Temple, Chicago, Ill.
 Polish National Alliance of the United States of North America—S. J. Czechowicz, 1406-1408 West Division street, Chicago, Ill.
 Protected Home Circle—W. S. Palmer, Sharon, Pa.

Royal Arcanum—Alfred T. Turner, 408 Shawmut avenue, Boston, Mass.
 Royal League—Charles E. Piper, 1601 Masonic Temple, Chicago, Ill.
 S. L. Order Mutual Protection—G. Del Vecchio, Masonic Temple, Chicago, Ill.
 Sons of Norway—L. Stannheim, 310 New York Life building, Minneapolis, Minn.
 Supreme Tribe Ben-Hur—John C. Snyder, Crawfordville, Ind.
 United Order of Foresters—G. W. Blann, Hathaway building, Milwaukee, Wis.
 United Order of the Golden Cross—W. R. Cooper, Knoxville, Tenn.
 United Order Pilgrim Fathers—Nathan Cray, Lawrence, Mass.
 Vesta Circle—Frank H. Knapp, 1619 Masonic Temple, Chicago, Ill.
 Women of Woodcraft—J. L. Wright, Portland, Ore.

FRATERNAL BENEFICIARY ASSOCIATIONS.

The name of each society is followed by that of its managing executive officer—the secretary unless otherwise specified. * Indicates membership in the Associated Fraternities of America and † indicates membership in the National Fraternal congress.

E. W. Donovan, 1401-4 Majestic building, Detroit, Mich., is the secretary-treasurer of the Associated Fraternities.
 American Benefit Society—B. L. Colpitts, 2 Park square, Boston, Mass.
 *American Insurance Union—Dr. G. W. Hoaglan, Outlook building, Columbus, O.
 American Order of Protection—J. A. Patton, F. & M. building, Lincoln, Neb.
 Ancient Order of Gleaners—G. H. Slocum, Detroit, Mich.
 Ancient Order of Shepherds—W. T. Newman, 59 Washington street, Chicago, Ill.
 †Ancient Order of United Workmen—M. W. Sackett, Meadville, Pa.
 Archæan Union—W. A. Schwartz, Rockford, Ill.
 †Artisans Order of Mutual Protection—W. Patton, Odd Fellows' building, Philadelphia, Pa.
 Association Canado-Americaine—Calixte Morin, 1008 Elm street, Manchester, N. H.
 *Beavers' Reserve Fund Fraternity—Ben E. Walt, Stoughton, Wis.
 B'nai B'rith, Independent Order— — —, 50 Clark street, Chicago, Ill.
 *Brotherhood of American Yeomen—W. E. Davy, Des Moines, Iowa.
 Brotherhood of Railroad Trainmen—A. E. King, Cleveland, O.
 *Brotherhood of Railway Firemen and Engineers— — —, H. Hawley, Peoria, Ill.
 Brotherhood of the Union—H. B. Walter, 2147 York street, Philadelphia, Pa.
 Canadian Order of Chosen Friends—W. F. Montagne, Hamilton, Ont.
 Canadian Order of Foresters—George Faulkner, Brantford, Ont.
 Catholic Knights and Ladies of America— — —, 1312 Ashland block, Chicago, Ill.
 Catholic Knights of Ohio—C. J. Anthony, 818 Rose building, Columbus, O.
 †Catholic Mutual Benefit Association—Joseph Cameron, Hornellsville, N. Y.
 †Catholic Order of Foresters—T. F. McDonald, Stock Exchange building, Chicago, Ill.
 †Catholic Relief and Beneficiary Association—Mary G. Connelly, Auburn, N. Y.
 Catholic Women's Benevolent Legion—Miss Annie O'Connor, 153 East 44th street, New York, N. Y.
 Christian Burden Bearers' Association—L. N. Olmstead, Manchester, N. H.
 *Church Fraternal Association—Hugh R. Moffett, Monmouth, Ill.
 Columbian Woodmen—J. B. Frost, president, 120 Peachtree street, Atlanta, Ga.
 †Court of Honor—A. L. Hereford, president, Springfield, Ill.
 *Defenders, The—Felix A. Kremer, president, Madison, Wis.
 *Eastern Star Benefit Fund—Miss M. E. Crowe, 39 Elizabeth street, west, Detroit.
 Equitable Fraternal Union—M. L. Campbell, Neenah, Wis.
 Fraternal Bankers' Reserve Society—R. D. Taylor, Cedar Rapids, Iowa.

- *Fraternal Benefit League—Frank P. Tyler, 16 Elm street, New Haven, Conn.
- †Fraternal Aid Association—T. J. Edmunds, Lawrence, Kas.
- Fraternal Assurance Society of America—Fremont L. Jones, Fort Wayne, Ind.
- Fraternal Champions—A. P. Tugwell, Los Angeles, Cal.
- Fraternal Home—Charles Sanderson, Hamilton, Mo.
- Fraternal Life Association—S. C. Hencox, Hastings, Neb.
- †Fraternal Mystic Circle—J. D. Myers, 1913 Arch street, Philadelphia, Pa.
- *Fraternal Reserve Association—C. M. Robinson, Oshkosh, Wis.
- Fraternal Reserve Life Association—C. M. Carson, Peoria, Ill.
- †Fraternal Union of America—V. A. Young, president, 1430 Champa street, Denver, Col.
- *German Beneficial Union—Louis Volz, president, 422 6th avenue, Pittsburgh, Pa.
- *Grand Fraternity, The—W. E. Gregg, 1414 Arch street, Philadelphia, Pa.
- Gold Reserve Life Association—C. W. Campbell, Mount Pleasant, Mich.
- Home Defenders of America—J. A. Thrasher, manager, Brazil, Ind.
- Home Fraternal League—C. J. Kinne, Masonic Temple, Chicago, Ill.
- *Home Guards of America—J. W. Evans, Van Wert, O.
- *Ideal Reserve Life Association—E. W. Donovan, manager, Majestic building, Detroit, Mich.
- †Improved Order Heptasophs—F. E. Pleitner, Preston and Cathedral streets, Baltimore, Md.
- †Independent Order of Foresters—Robert Mathison, Toronto, Ont.
- Independent Order of Mutual Aid—C. D. Brainard, Peoria, Ill.
- Independent Order of Puritans—J. W. Powers, 248 4th avenue, Pittsburgh, Pa.
- Independent Scandinavians' Workmen's Association—P. J. Smith, Eau Claire, Wis.
- Knights and Ladies of Honor—George D. Tait, Indianapolis, Ind.
- *Knights and Ladies of Security—J. V. Abrahams, Topeka, Kas.
- †Knights of Columbus—Daniel Colwell, 23 Church street, New Haven, Conn.
- Knights of Father Mathew—T. S. Bowdern, 1803 Locust street, St. Louis, Mo.
- †Knights of Honor—Noah M. Givan, Odd Fellows' Temple, St. Louis, Mo.
- †Knights of Pythias—Carlos S. Hardy, Los Angeles, Cal.
- †Knights of Maccabees of the World—L. E. Sisler, Port Huron, Mich.
- †Knights of the Modern Maccabees—A. M. Slay, president, Port Huron, Mich.
- *Ladies' Catholic Benefit Association—Mrs. A. Royer, 1115 Walnut street, Erie, Pa.
- †Ladies of the Maccabees of the World—Miss Bina M. West, Port Huron, Mich.
- *Ladies of the Modern Maccabees—Mrs. Frances E. Burns, president, St. Louis, Mich.
- Royal Order of Honor of Missouri—J. M. Smith, 410 Fullerton building, St. Louis, Mo.
- Life and Annuity Association—F. I. Shale, Hiawatha, Kas.
- †Loyal Association—Frank S. Petter, Lincoln Trust building, Jersey City, N. J.
- *Loyal Americans of the Republic—E. J. Dunn, Chicago, Ill.
- *Loyal Guard—E. O. Wood, Flint, Mich.
- *Loyal Mystic Legion of America—G. A. Wigton, treasurer, Hastings, Neb.
- L'Union St. Jean-Baptiste—J. Ad. Caron, Woonsocket, R. I.
- *Locomotive Engineers' M. L. and A. Insurance Association—W. E. Futch, president, Cleveland, O.
- Married Men's League—John A. Sydney, Hannibal, Mo.
- *Masonic Mutual Life Association—William Montgomery, 12th and F streets, Washington, D. C.
- Masonic Catholic Order of Foresters—J. J. Leonard, 17 Worcester street, Boston, Mass.
- *Modern American Fraternal Order—G. M. LeCrone, Effingham, Ill.
- *Modern Brotherhood of America—E. L. Balz, Mason City, Iowa.
- Modern Magi—A. L. Clark, Holmes building, Galveston, Ill.
- *Modern Order of Prætorians—C. B. Gardner, president, Dallas, Tex.
- *Modern Protective Association—L. W. Dorsett, Sayre, Pa.
- *Modern Woodmen of America—C. W. Hawes, Rock Island, Ill.
- *Mutual Protective League—J. R. Paisley, Decatur, Ill.
- *Mystic Tillers—J. F. Taake, Des Moines, Iowa.
- *Mystic Workers of the World—John R. Walsh, Fulton, Ill.
- National Fraternal League—P. G. Wright, Green Bay, Wis.
- *National Protective Legion—George A. Scott, president, Waverly, N. Y.
- National Provident Union—F. E. Currier, 325 Eagle building, Brooklyn, N. Y.
- †National Union—E. A. Myers, National Union building, Toledo, O.
- †New England Order of Protection—D. M. Frye, Ashburton place, Boston, Mass.
- New Era Association—Cyrus E. Perkins, Grand Rapids, Mich.
- North American Union—G. Langhenry, Railway Exchange building, Chicago, Ill.
- *North Star Benefit Association—Ellen A. Olson, Moline, Ill.
- Occidental Mutual Benefit Association—E. A. Nickleson, Salina, Kas.
- Order of Canadian Home Circles—J. M. Foster, Toronto, Ont.
- †Order of Columbian Knights—E. D. Peifer, 704 Masonic Temple, Chicago, Ill.
- Order of Home Guardians—L. D. Milne, Mitchell, S. D.
- †Order of Mutual Protection—G. Del Vecchio, National Life building, Chicago, Ill.
- †Order of Scottish Clans—Peter Kerr, 134 Summer street, Boston, Mass.
- Order of Select Knights—George K. Staples, 733 Ellicott square, Buffalo, N. Y.
- Order of Amaranth—Peter J. Jeup, 242 Moran street, Detroit, Mich.
- Order of the Golden Seal—Arthur F. Bounton, Roxbury, N. Y.
- Order of the Iroquois—W. A. Rice, 644 Ellicott square, Buffalo, N. Y.
- Order of the White Cross—Elmer S. Grundy, Joliet, Ill.
- †Protected Home Circle—The Hon. W. S. Palmer, Sharon, Pa.
- Prudent Patricians of Pompeii—David Swinton, Saginaw, Mich.
- †Royal Arcanum—Alfred T. Turner, 407 Shawmut avenue, Boston, Mass.
- †Royal Highlanders—F. J. Sharp, Aurora, Neb.
- †Royal League—Charles E. Piper, 1601 Masonic Temple, Chicago, Ill.
- *Royal Neighbors of America—Mrs. Lina M. Collins, St. Paul, Minn.
- Royal Templars of Temperance (Canada)—Dr. O. V. Emroy, Hamilton, Ont.
- Royal Actuates—Emma L. Grineil, Omaha, Neb.
- Select Knights and Ladies—Ed. H. Wheeler, 611 Minnesota avenue, Kansas City, Kas.
- *Société des Artisans Canadiens Français—Henri Roy, 115 Rue St. Francois Xavier, Montreal, Canada.
- *Sons and Daughters of Justice—W. W. Walker, Minneapolis, Kas.
- †Supreme Tribe of Ben-Hur—R. H. Gerard, president, Crawfordville, Ind.
- Tollers' Fraternity—Z. T. Trumbo, 217 East Prairie street, Pontiac, Ill.
- *Triple Tie Benefit Association—G. M. Stratton, Clay Center, Kas.
- Union Fraternal League—James F. Reynolds, 185 Summer street, Boston, Mass.
- United Aid of Cheboygan—E. A. Hickey, Cheboygan, Mich.
- *United American Mechanics' Junior Order Benefit Degree—S. Collins, 432 Diamond street, Pittsburgh, Pa.
- United Artisans—C. L. McKenna, Commercial building, Portland, Ore.
- United Craftsmen—James Higgins, Baltimore, Md.

†United Order of the Golden Cross—W. R. Cooper, Knoxville, Tenn.
 †United Order of Pilgrim Fathers—Nathan Cary, Lawrence, Mass.
 Vesta Circle—Frank H. Knapp, 1619 Masonic Temple, Chicago, Ill.
 Western Catholic Union—John Schauf, Quincy, Ill.
 *Women of Woodcraft—Carrie C. Van Orsdale, Portland, Ore.

Woodmen's Protective Association—W. A. Northcott, president, Springfield, Ill.
 *Woodmen of the World (sovereign jurisdiction)—J. C. Root, president, Omaha, Neb.
 *Woodmen of the World (Pacific jurisdiction)—I. I. Boak, box 1706, Denver, Col.
 *Woodmen of the World (Canadian jurisdiction)—W. C. Fitzgerald, London, Ont.
 Workmen's Benefit Association—James H. Cutten, 74 Boylston street, Boston, Mass.

DEATH OF DANIEL K. PEARSONS.

Daniel Kimball Pearsons, who gave away between \$6,000,000 and \$7,000,000 to small schools and colleges in the United States, died of pneumonia in the Hinsdale sanitarium, near Chicago, April 27, 1912. He was born in Bradford, Vt., April 14, 1820, and was therefore slightly over 92 years of age when he passed away. His early years were passed in the practice of medicine, but after his removal to Janesville, Wis., in 1851 he began to invest in farm and timber lands. Their increase in value eventually brought him a fortune of several millions of dollars. The later years of his life were spent in Chicago, much of his time being devoted toward helping small and struggling schools financially. He gave much to hospitals, theological seminaries and missions. The bulk of his money was donated to the following institutions:

Beloit college (Wis.)	\$495,000
Chicago Theological seminary	405,000
Berea college (Ky.)	275,000
Colorado college (Col.)	200,000
Mount Holyoke college (Mass.)	150,000
Lake Forest university (Ill.)	125,000
Whitman college (Wash.)	120,000
Chicago Y. M. C. A.	110,000
Knox college (Ill.)	100,000
Drury college (Mo.)	100,000
Yankton college (S. D.)	100,000
American board of missions	100,000
Presbyterian hospital, Chicago	70,000
Anatolia college (Turkey)	70,000
Chicago City Missionary society	62,000
Pacific university (Ore.)	60,000
Carlton college (Minn.)	50,000
Fargo college (N. D.)	50,000

Pomona college (Cal.)	50,000
Fairmont college (Kas.)	50,000
McCormick Theological seminary	50,000
Illinois college (Ill.)	50,000
Montpelier seminary (Vt.)	50,000
Grant university (Tenn.)	50,000
McKendree college (Ill.)	35,000
Town of Hinsdale	35,000
Northwestern university (Ill.)	30,000
Olivet college (Mich.)	25,000
Marietta college (O.)	25,000
Sheridan college (Wyo.)	25,000
Montana college (Mont.)	25,000
Bethany college (Kas.)	25,000
Guilford college (N. C.)	25,000
Piedmont college (Ga.)	25,000
Washington college (Tenn.)	25,000
Doane college (Neb.)	25,000
Congregational Training School for Women	21,000
Presbyterian board of missions	20,000
Grand Prairie seminary	20,000
Women's board of foreign missions	20,000
Chicago Art institute	15,000
Huron college (S. D.)	15,000
First Presbyterian church, Chicago	10,000
German college of the Northwest (Iowa)	10,000
West Virginia seminary	10,000
Northland college (Wis.)	10,000
Public library, Bradford, Vt.	2,000

One of his last gifts was the sum of \$250,000, presented with a return pledge of 2 per cent interest to be paid him by the beneficiary. On this interest he aimed to live the rest of his life, but he passed away only a year or two after the gift was made. His entire fortune had been given away.

UNITED STATES TELEGRAPH STATISTICS (WESTERN UNION).

YEAR.	Miles of wires.	Offices.	Messages.	Receipts.	Expenses.	Profits.	Toll. Cents.	Cost. Cents.
1900.	933,153	22,900	63,167,783	\$24,758,570	\$18,593,206	\$6,165,364	30.8	25.1
1901.	972,766	23,238	65,657,049	26,354,151	19,668,903	6,685,248	30.9	25.1
1902.	1,029,984	23,567	69,374,833	28,073,095	20,780,796	7,292,299	31.0	25.7
1903.	1,089,212	23,120	69,790,866	29,167,687	20,953,215	8,214,472	31.4	25.6
1904.	1,155,405	23,458	67,903,973	29,249,390	21,391,915	7,857,475	31.7	26.1
1905.	1,184,557	23,514	67,447,320	29,033,635	21,845,570	7,188,065	31.6	27.3
1906.	1,239,147	24,326	70,576,032	30,850,573	22,600,373	7,770,558	31.6	27.6
1907.	1,321,199	24,750	74,894,551	32,856,406	26,532,196	6,324,210	33.7	30.2
1908.	1,359,430	23,853	62,371,287	28,582,212	25,179,215	3,402,997	33.7	34.3
1909.	1,382,500	24,321	68,053,439	30,541,073	23,193,966	7,347,107	34.1	28.5
1910.	1,429,049	24,825	75,135,405	33,889,202	26,614,302	7,274,900	35.2	30.2
1911.	1,487,345	24,926	77,780,732	37,158,929	30,053,632	7,105,297	38.8	33.1

INITIATIVE AND REFERENDUM CONSTITUTIONAL.

The Supreme court of the United States in a decision announced Feb. 19, 1912, declined to annul as unconstitutional the initiative and referendum method of legislation in the states. It held that it had no jurisdiction over the form of the government in the states, that being a political question for congress to deal with. Chief Justice White read the decision.

"As the issues (in the Pacific States Telephone

and Telegraph case), presented in their essence," said he, "are and have been definitely determined to be political and governmental and embraced within the scope of the powers conferred upon congress, and not therefore within the reach of the judicial power, it follows that the case presented is not within our jurisdiction, and the writ of error must therefore be and it is dismissed for want of jurisdiction."

FAMOUS STREETS OF THE WORLD.

Berlin—Unter den Linden.
 Buenos Aires—Avenida de Mayo.
 Chicago—State street and Michigan avenue.
 City of Mexico—Paseo de la Reforma.
 Cleveland—Euclid avenue.
 Dublin—Sackville street.

Edinburgh—Princes street.
 London—Fleet street and the Strand.
 Madrid—Paseo del Prado.
 Munich—Ludwigstrasse.
 New Orleans—Canal street.
 New York—Broadway.
 Paris—Avenue des Champs Elysees.

Philadelphia—Chestnut street.
 Rio de Janeiro—Avenida Central.
 Rome—The Corso.
 San Francisco—Market street.
 St. Petersburg—Nevski Prospect.
 Vienna—Ringstrasse.
 Washington—Pennsylvania avenue.

PATRIOTIC SOCIETIES OF THE UNITED STATES.

GRAND ARMY OF THE REPUBLIC.

First post organized at Decatur, Ill., April 6, 1866.

GENERAL OFFICERS.

Commander-in-Chief—Alfred B. Beers, Bridgeport, Conn.
Senior Vice-Commander-in-Chief—H. Z. Osborne, Los Angeles, Cal.
Junior Vice-Commander-in-Chief—Americus Whedon, Louisville, Ky.
Chaplain-in-Chief—George E. Lovejoy, Lawrence, Mass.
Surgeon-General—Dr. L. L. Whitaker, San Antonio, Tex.

OFFICIAL STAFF.

Adjutant-General—Henry J. Seeley, Bridgeport, Conn.
Quartermaster-General—Cola D. R. Stowits, 877 Ellicott square, Buffalo, N. Y.
Judge-Advocate-General—Benjamin F. Bryant, Waukegan, Wis.
Inspector-General—J. Payson Bradley, Boston, Mass.
National Patriotic Instructor—Levi Longfellow, Minneapolis, Minn.
Assistant Adjutant-General—J. L. Bennett, Chicago, Ill.
Assistant Quartermaster-General and Custodian of Records—J. Henry Holcomb, Independence hall, Philadelphia, Pa.
Chief of Staff—Harry L. Beach, Hartford, Conn.
Senior Aid de Camp—William Daly, Peru, Ind.
Headquarters—Bridgeport, Conn.

DEPARTMENT COMMANDERS AND ASSISTANT ADJUTANT-GENERALS 1912.

Alabama—W. H. Brooks.....New Decatur
Charles C. Chapin.....Birmingham
Arizona—James F. Duncan.....Tombstone
A. J. Sampson.....Phoenix
Arkansas—F. W. Tucker.....Little Rock
George W. Clark.....Little Rock
California and Nevada—W. R. Thomas.....Oakland
R. G. O'Brien.....Oakland
Colorado and Wyoming—H. M. Minor.....Rocky Ford
William Green.....Denver
Connecticut—William H. Dougal.....New Preston
Henry J. Seeley.....Bridgeport
Delaware—Jesse K. Baylis.....Wilmington
J. S. Litzenberg.....Wilmington
Florida—William P. Lynch.....St. Cloud
S. C. Scriber.....St. Cloud
Georgia and So. Carolina—C. H. Brooks.....Fitzgerald
G. E. Whitman.....Fitzgerald
Idaho—J. W. Shields.....Twin Falls
George Hoskins.....Boise
Illinois—Thomas H. Gault.....Chicago
Henry C. Cooke.....Chicago
Indiana—Wilbur E. Gorsuch.....South Bend
J. R. Fessler.....Indianapolis
Iowa—John D. Brown.....Leon
George A. Newman.....Des Moines
Kansas—J. N. Harrison.....Ottawa
W. W. Dennison.....Topeka
Kentucky—John Barr.....Lebanon
Andrew Offutt.....Lebanon
Louisiana and Mississippi—F. K. Russ.....New Orleans
Louis J. Souer.....New Orleans
Maine—William H. Holston.....Cumberland Mills
Frederick A. Motley.....Portland
Maryland—George Prechtel.....Upperco
Robert C. Sunstrom.....Baltimore
Massachusetts—George A. Hosley.....Boston
Wilfred A. Wetherbee.....Boston
Michigan—John T. Spillane.....Detroit
Henry Spaulding.....Lansing
Minnesota—William P. Roberts.....Minneapolis
Orton S. Clark.....St. Paul
Missouri—Charles W. Rubey.....Lebanon
Thomas B. Rodgers.....St. Louis
Montana—W. Y. Smith.....Bozeman
G. I. Reiche.....Helena
Nebraska—M. V. King.....Geneva
A. M. Trimbel.....Lincoln
New Hampshire—George K. Stratton.....Bradford
Frank Battles.....Concord

New Jersey—T. J. McDonald.....Jersey City
B. H. Manning.....Jersey City
New Mexico—J. G. Caldwell.....Albuquerque
H. B. Steward.....Albuquerque
New York—Oscar Smith.....Albany
John Conway.....Albany
North Dakota—George W. Kurtz.....Jamestown
B. F. Bigelow.....Jamestown
Ohio—Charles W. Blodgett.....Cincinnati
William S. Matthews.....Columbus
Oklahoma—W. B. Kelley.....Kingfisher
Thomas H. Soward.....Guthrie
Oregon—Thomas B. McDonald.....Portland
C. A. Williams.....Portland
Pennsylvania—Thomas H. Cole.....Philadelphia
Samuel P. Town.....Philadelphia
Potomac—J. D. Bloodgood.....Brookland, D. C.
Osborn H. Oldroyd.....Washington, D. C.
Rhode Island—Thomas M. Holden.....Riverpoint
Philip S. Chase.....Providence
South Dakota—O. S. Gifford.....Canton
S. McManus.....Canton
Tennessee—A. M. Gamble.....Maryville
Will A. McTeer.....Maryville
Texas—E. P. Brown.....Fort Worth
Robert McCormick.....Dallas
Utah—J. W. Brown.....Provo
R. G. Sleater.....Salt Lake City
Vermont—A. A. Niles.....Morrisville
Frank Kenfield.....Morrisville
Virginia and North Carolina—C. H. Haber.....
.....National Soldiers' Home, Virginia
F. M. Work.....National Soldiers' Home, Virginia
Washington and Alaska—R. R. Harding, Pt. Angeles
H. W. Doty.....Port Angeles
West Virginia—E. A. Billingslea.....Fairmont
Charles E. Watts.....Fairmont
Wisconsin—George Spratt.....Sheboygan
J. A. Watrous.....Milwaukee

NATIONAL ENCAMPMENTS AND COMMANDERS-IN-CHIEF.

1866—Indianapolis; S. A. Hurlbut, Illinois.
1868—Philadelphia; John A. Logan, Illinois.
1869—Cincinnati; John A. Logan, Illinois.
1870—Washington; John A. Logan, Illinois.
1871—Boston; A. E. Burnside, Rhode Island.
1872—Cleveland; A. E. Burnside, Rhode Island.
1873—New Haven; C. Devens, Jr., Massachusetts.
1874—Harrisburg; C. Devens, Jr., Massachusetts.
1875—Chicago; J. F. Hartranft, Pennsylvania.
1876—Philadelphia; J. F. Hartranft, Pennsylvania.
1877—Providence; J. C. Robinson, New York.
1878—Springfield; J. C. Robinson, New York.
1879—Albany; William Earnshaw, Ohio.
1880—Dayton, O.; Louis Wagner, Pennsylvania.
1881—Indianapolis; G. S. Merrill, Massachusetts.
1882—Baltimore; P. Vandervoort, Nebraska.
1883—Denver; R. B. Beath, Pennsylvania.
1884—Minneapolis; John S. Kountz, Ohio.
1885—Portland, Me.; S. S. Burdette, Washington.
1886—San Francisco; L. Fairchild, Wisconsin.
1887—St. Louis; John P. Rea, Minnesota.
1888—Columbus, O.; Wm. Warner, Missouri.
1889—Milwaukee; Russell A. Alger, Michigan.
1890—Boston; W. G. Veazy, Vermont.
1891—Detroit; John Palmer, New York.
1892—Washington; A. G. Weissert, Wisconsin.
1893—Indianapolis; J. G. B. Adams, Massachusetts.
1894—Pittsburg; T. G. Lawler, Illinois.
1895—Louisville; I. N. Walker, Indiana.
1896—St. Paul; T. S. Clarkson, Nebraska.
1897—Buffalo; J. P. S. Gobin, Pennsylvania.
1898—Cincinnati; James A. Sexton, Illinois.
1899—Philadelphia; Albert D. Shaw, New York.
1900—Chicago; Leo Rassieur, Missouri.
1901—Cleveland; Ell Torrance, Minnesota.
1902—Washington; T. J. Stewart, Pennsylvania.
1903—San Francisco; J. C. Black, Illinois.
1904—Boston; W. W. Blackmar, Massachusetts.
1905—Denver; James Tanner, Washington, D. C.
1906—Minneapolis; Robert F. Brown, Ohio.
1907—Saratoga—Chas. G. Burton, Missouri.
1908—Toledo; Henry M. Nevius, New Jersey.
1909—Salt Lake City; S. R. Van Sant, Minnesota.
1910—Atlantic City; J. E. Gilman, Massachusetts.
1911—Rochester, N. Y.; H. M. Trimble, Illinois.
1912—Los Angeles, Cal.; A. B. Beers, Connecticut.

MEMBERSHIP BY DEPARTMENTS.

Dec. 31, 1911.

Depts.	Posts.	Mem- bers.	Depts.	Posts.	Mem- bers.
Alabama	5	117	Nebraska	177	3,830
Arizona	5	117	N. Hampshire	78	2,013
Arkansas	25	435	New Jersey	107	3,655
Cal. and Nev. 104	6,044		New Mexico	11	172
Col. and Wyo. 61	2,300		New York	585	20,583
Connecticut ..	61	3,093	North Dakota ..	10	172
Delaware	19	489	Ohio	524	19,354
Florida	23	547	Oklahoma	66	1,498
Ga. and S. C. 10	284		Oregon	62	1,942
Idaho	19	505	Pennsylvania ..	521	19,298
Illinois	475	15,363	Potomac	15	1,640
Indiana	347	9,236	Rhode Island ..	24	1,283
Iowa	337	9,236	South Dakota ..	63	1,052
Kansas	268	9,914	Tennessee	39	1,193
Kentucky	90	1,504	Texas	20	432
La. and Miss. 38	777		Utah	6	321
Maine	145	4,186	Vermont	8	2,271
Maryland	56	1,711	Va. and N. C. 32	471	
Massachusetts 209	11,965		Wash. & Alas. 38	3,046	
Michigan	286	8,707	W. Virginia	35	1,074
Minnesota	153	4,054	Wisconsin	211	6,109
Missouri	225	5,913			
Montana	16	424			
			Aggregate	5,745	191,346

MEMBERSHIP BY YEARS.

1879	44,752	1896	340,610		
1880	60,624	1897	319,456		
1881	85,856	1898	305,603		
1882	134,701	1899	287,981		
1883	215,446	1900	276,662		
1884	273,168	1901	269,507		
1885	294,787	1902	263,745		
1886	323,516	1903	255,510		
1887	355,916	1904	246,261		
1888	372,960	1905	232,455		
1889	397,774	1906	235,823		
1890	409,489	1907	229,922		
1891	407,731	1908	225,157		
1892	399,880	1909	220,600		
1893	397,223	1910	213,901		
1894	369,083	1911	203,410		
1895	357,639		191	191,346	

DEATH RATE BY YEARS.

	No.	Pct.		No.	Pct.
1888	4,433	1.18	1901	8,166	3.02
1889	4,696	1.18	1902	8,299	3.08
1890	5,476	1.33	1903	8,366	3.22
1891	5,965	1.46	1904	9,029	3.60
1892	6,404	1.61	1905	9,152	3.90
1893	7,002	1.78	1906	9,205	3.90
1894	7,283	2.97	1907	9,052	3.83
1895	7,568	2.06	1908	10,242	4.45
1896	7,293	2.21	1909	10,124	4.59
1897	7,515	2.35	1910	11,030	5.00
1898	8,333	2.41	1911	9,151	4.49
1899	7,994	2.78	191	11,594	5.07
1900	7,790	2.80			

*June 30. †Dec. 31. By a new rule the statistics were made to cover the calendar year.

DEPARTMENT OF ILLINOIS.

Commander—Thomas A. Gault, Chicago.
 Senior Vice-Commander—R. M. Campbell, Peoria.
 Junior Vice-Commander—Henry Lambe, Chicago.
 Medical Director—W. M. Hanna, Aurora.
 Chaplain—Lewis Jones, Birds.
 Assistant Adjutant and Assistant Quartermaster—General—George H. Cooke, Chicago.
 Judge-Advocate—J. L. Bennett, Chicago.
 Chief Mustering Officer—M. H. Peters, Watseka.
 Patriotic Instructor—W. H. Brydges, Elgin.
 Chief of Staff—James J. Healy, Chicago.

CHICAGO AND COOK COUNTY POSTS, G. A. R.

Number and name of posts, members in 1912, place and time of meeting in order named. Meetings in evenings unless otherwise specified.
 5—George H. Thomas (521), Memorial hall; second and fourth Fridays.
 7—W. B. Hazen (24); Memorial hall; first and third Saturdays.
 9—Lyon (53); 128 West Randolph street; third Sunday.
 28—U. S. Grant (421); Memorial hall; second and fourth Thursdays.

40—George A. Custer (128); Memorial hall; first and third Tuesdays.
 50—John Brown (68); 2712 State street; first and third Wednesdays.
 91—Abraham Lincoln (124); 3120 Forest avenue; first and third Wednesdays.
 109—Ambrose E. Burnside (27); 92d street and Houston avenue; second Saturday.
 275—Gen. T. W. Sweeney (18); Barrington; third Friday.
 276—Kilpatrick (32); Odd Fellows' hall, Austin; second and fourth Tuesdays.
 306—Col. J. A. Mulligan (26); 716 West Madison street; third Sunday, 2 p. m.
 376—William McKinley (75); 26th and Butler streets; second and fourth Sundays, 12 m.
 444—George A. Meade (201); 6248 Princeton avenue; first and third Tuesdays.
 445—Winfield Scott (48); 2040 West North avenue; first and third Saturdays.
 467—L. H. Drury (29); Drexel avenue and 75th street; second Sunday, 2:30 p. m.
 473—Blue Island (18); city hall, Blue Island; fourth Saturday.
 489—G. W. Spencer (7); Riverdale; second Sunday, 2 p. m.
 521—John B. Wyman (47); the Arcade, Pullman; second Sunday.
 540—Gen. John A. Logan (54); Odd Fellows' hall, Evanston; first Tuesday.
 555—Gen. Silas Casey (13); Archer and Western avenues; third Sunday, 2 p. m.
 560—Winfield S. Hancock (49); Larrabee and Center streets; second Sunday.
 573—Washington (96); 1023 Diversey boulevard; second and fourth Fridays.
 602—Farrago (51); Lake street and Western avenue; first and third Tuesdays.
 615—Phil Sheridan (79); Scoville Institute, Oak Park; first and third Fridays.
 667—Hiram McClintock (25); Town hall, LaGrange; second and fourth Tuesdays.
 668—Wilcox (26); Valentine's hall, 103d street; second Sunday, 3 p. m.
 706—Columbia (104); Memorial hall; second and fourth Tuesdays.
 713—Gen. E. Hatch (8); 4650 Ashland avenue; fourth Sunday, 2:30 p. m.
 724—Harvey (27); Royal League hall, Harvey; second and fourth Tuesdays.
 737—Cumberland (11); Rogers Park; second and fourth Fridays.
 740—Julius White (68); Madison street and California avenue; second and fourth Sundays.
 754—Gen. B. F. Butler (25); Race's hall, Irving Park; first and third Fridays.
 759—James A. Sexton (18); Chicago Heights; fourth Saturday, 3 p. m.
 780—Gen. Willrich (20); Des Plaines; third Sunday.
 790—Gen. William F. Strong (46); Masonic hall, Ravenswood; second and fourth Saturdays.
 798—Old Glory (252); Masonic Temple; second and fourth Sundays, 2:30 p. m.
 Commanders' Association—Room 35, 143 North Dearborn street; meets third Saturday at 4 p. m.
 President, Hiram M. Pense; secretary, C. H. Davis. Officers in charge of relief work: Superintendent, John L. Manning; secretary, O. R. McKenney.

UNITED CONFEDERATE VETERANS.

Organized June 10, 1889.

GENERAL OFFICERS.

General Commander—Gen. Bennett H. Young, Louisville, Ky.
 Adj.-Gen. and Chief of Staff—Maj.-Gen. William E. Mickle, New Orleans, La.
 Honorary Commander-in-Chief—Gen. C. Irvine Walker, Charleston, S. C.
 Army of Northern Virginia Dept.—Commander, Lieut.-Gen. Theodore S. Garnett, Norfolk, Va.; Adj.-Gen. and Chief of Staff, Brig.-Gen. E. V. White, Norfolk, Va.
 South Carolina Div.—Commander, Maj.-Gen. B. H. Teague, Aiken, S. C.; Adj.-Gen. and Chief of Staff, S. E. Welch, Charleston, S. C.
 North Carolina Div.—Commander, Maj.-Gen. Julian S. Carr, Durham, N. C.; Adj.-Gen. and Chief of Staff, Col. H. A. London, Pittsboro, N. C.

Virginia Div.—Commander, Maj.-Gen. S. Bolling, Petersburg; Adj.-Gen. and Chief of Staff, Col. William M. Evans, Petersburg.

West Virginia Div.—Commander, Maj.-Gen. Robert White, Wheeling, W. Va.; Adj.-Gen. and Chief of Staff, Col. A. C. L. Gatewood, Linwood.

Maryland Div.—Commander, Maj.-Gen. A. O. Trippe, Baltimore, Md.; Adj.-Gen. and Chief of Staff, Col. D. S. Briscoe, Baltimore.

Army of Tennessee Dept.—Commander, Lieut.-Gen. George P. Harrison, Opelika, Ala.; Adj.-Gen. and Chief of Staff, Brig.-Gen. E. T. Sykes, Columbus, Miss.

Louisiana Div.—Commander, Maj.-Gen. Thomas J. Shaffer, Franklin; Adj.-Gen. and Chief of Staff, Col. L. H. Gardner, New Orleans.

Tennessee Div.—Commander, Maj.-Gen. John P. Hickman, Nashville, Tenn.

Florida Div.—Commander, Maj.-Gen. Samuel Pasco, Monticello; Adj.-Gen. and Chief of Staff, Col. F. E. Saxton, Brooksville.

Mississippi Div.—Commander, Maj.-Gen. Patrick Henry, Brandon, Miss.; Adj.-Gen. and Chief of Staff, John A. Webb, Jackson.

Georgia Div.—Commander, Maj.-Gen. H. T. Davenport, Americus, Ga.; Adj.-Gen. and Chief of Staff, Col. John A. Cobb, Americus, Ga.

Kentucky Div.—Commander, Maj.-Gen. W. B. Haldeman, Louisville; Adj.-Gen. and Chief of Staff, Col. W. A. Milton, Louisville.

Trans-Mississippi Dept.—Commander, Lieut.-Gen. K. M. Van Zandt, Fort Worth, Tex.; Adj.-Gen. and Chief of Staff, Brig.-Gen. W. T. Shaw, Fort Worth, Tex.

Texas Div.—Commander, Maj.-Gen. Felix Robertson, Crawford, Tex.; Adj.-Gen. and Chief of Staff, Col. B. F. Wiems, Houston, Tex.

Missouri Div.—Commander, Maj.-Gen. J. William Hall, Liberty, Mo.

Arkansas Div.—Commander, Maj.-Gen. Charles Coffin, Batesville, Ark.; Adj.-Gen. and Chief of Staff, Col. James M. Stewart, Little Rock.

Oklahoma Div.—Commander, Maj.-Gen. D. M. Halley, McAlester; Adj.-Gen. and Chief of Staff, Col. B. B. Coleman, McAlester.

Northwest Div.—Commander, Maj.-Gen. George F. Ingram, Helena, Mont.; Adj.-Gen. and Chief of Staff, Col. J. H. Williams, Phillipsburg, Mont.

Pacific Div.—Commander, Maj.-Gen. William C. Harrison, M. D., Los Angeles; Adj.-Gen. and Chief of Staff, B. L. Hoge, Los Angeles, Cal.

Membership about 60,000; camps, 1,775.

The purpose of the society is strictly social, literary, historical and benevolent.

The next annual meeting will be held in the city of Chattanooga, Tenn., in the spring of 1913.

WOMAN'S RELIEF CORPS.

Organized in Denver, Col., in July, 1883.

President—Geraldine E. Frisbie, California.

Treasurer—Mrs. Abbie Lynch, Pittsburgh, Pa.

Secretary—Cora Merrill, California.

DEPARTMENT OF ILLINOIS.

President—Josephine Kelly, Earlville.

Secretary—Blanche A. McGowan, 3343 Prairie avenue, Chicago.

LADIES OF THE GRAND ARMY OF THE REPUBLIC.

Organized in Chicago, September, 1886.

NATIONAL OFFICERS.

President—Ella S. Jones, Pittsburgh, Pa.

Treasurer—Nellie R. McMillan, Leavesworth, Kas.

Secretary—Josie Slicker, 1066 Gaskill avenue, Jeanette, Pa.

DEPARTMENT OF ILLINOIS.

President—Mrs. Lizzie A. Field, 5704 Normal boulevard, Chicago.

Secretary—Alice V. Gurney, 603 Buell avenue, Joliet.

UNION VETERAN LEGION.

National Commander—William P. Griffith, Brooklyn, N. Y.

Senior Vice-Commander—Joseph McCabe, Beaver Falls, Pa.

Junior Vice-Commander—John M. Agnew, Wilmington, Del.

Adjutant-General—Morgan L. Bogart, Brooklyn, N. Y.

Quartermaster-General—Frank L. Blair, Pittsburgh, Pa.

Surgeon-General—C. H. Gardner, Philadelphia, Pa.

Chaplain—Rev. N. H. Holmes, Pittsburgh, Pa.

Judge-Advocate-General—Levi Bird Duff, Pittsburgh, Pa.

ARMY AND NAVY UNION OF THE UNITED STATES OF AMERICA.

Incorporated by special act of congress.

NATIONAL CORPS.

Commander—George R. Downs, Erie, Pa.

Senior Vice-Commander—Louis K. Passmore.

Junior Vice-Commander—John P. Caugher.

Adjutant-General—Thomas H. Avery, 200 Montague, Brooklyn, N. Y.

Paymaster-General—J. R. McCullough, Newburgh, N. Y.

Inspector-General—John A. Miller, Jr., St. Louis, Mo.

Judge-Advocate-General—Lemuel E. Fugit, Washington, D. C.

National Chaplain—John E. Cox, Cincinnati, O.

Surgeon-General—J. E. Hendrickson, Military Home, Council of Administration—D. C. Swinburne, Newport, Ky.; P. S. M. Munro, Brooklyn, N. Y.; P. Mohr, Rochester, N. Y.; W. T. Conway, Washington, D. C.

MILITARY ORDER OF THE LOYAL LEGION OF THE UNITED STATES.

Instituted 1865. Membership May 1, 1912, 8,185.

GENERAL OFFICERS.

Commander-in-Chief—Col. Arnold A. Rand, U. S. V.

Senior Vice-Commander-in-Chief—Rear-Admiral Edwin Stewart, U. S. N.

Junior Vice-Commander-in-Chief—Bvt. Lieut.-Col. Edwin A. Landell, U. S. V.

Recorder-in-Chief—Bvt. Lieut.-Col. John P. Nicholson, U. S. V.

Registrar-in-Chief—First Lieut. Thomas H. McKee, U. S. V.

Treasurer-in-Chief—Brig.-Gen. Joseph W. Plume, U. S. V.

Chancellor-in-Chief—Bvt. Capt. John O. Forring, U. S. V.

Chaplain-in-Chief—Bvt. Maj. Henry S. Burrage, U. S. V.

Council-in-Chief—Bvt. Col. Cornelius Cadle, Paymaster George De Forest Barton, Capt. Urban A. Woodbury, Acting Assistant Paymaster Henry M. Rogers and Capt. William R. Hodges.

COMMANDERS.

California—Acting Master W. C. Coulson, U. S. N., commander; Bvt. Col. William C. Alberger, recorder.

Colorado—Lieut. W. H. Conley, U. S. V., commander; Lieut. Austin W. Hogle, recorder.

District of Columbia—Bvt. Maj.-Gen. Cyrus Bussey, commander; First Lieut. Thomas H. McKee, recorder.

Illinois—Capt. James G. Elwood, commander; Capt. Roswell H. Mason, recorder.

Indiana—Surgeon Charles L. Wilson, commander; Lieut. Alexander M. Scott, recorder.

Iowa—Lieut. Byron C. Ward, commander; Capt. E. D. Hadley, recorder.

Kansas—Lieut.-Col. E. B. Fuller, U. S. A., commander; Capt. John T. Taylor, recorder.

Maine—Capt. Frank A. Garnsey, U. S. V., commander; Lieut. Horatio Staples, U. S. V., recorder.

Maryland—Lieut. Thomas Goodwillie, commander; Lieut. Joseph J. Janney, recorder.

Massachusetts—Maj. William H. Trickey, U. S. V., commander; Capt. Charles W. C. Rhoades, recorder.

Michigan—Col. Judson S. Farrar, U. S. V., commander; Gen. F. W. Swift, recorder.

Minnesota—Lieut. Silas H. Tower, commander; Capt. Orton S. Clark, recorder.

Missouri—Lieut.-Col. Robert Buchanan, commander; Capt. W. R. Hodges, recorder.

Nebraska—Lieut. Thomas C. Shelly, commander;

Lieut. Frank B. Bryant, recorder.
 New York—Bvt. Brig.-Gen. Stewart L. Woodford, U. S. V., commander; Bvt. Lieut.-Col. William S. Cogswell, recorder.
 Ohio—Capt. Hosea Q. Sargent, U. S. V., commander; Maj. W. R. Thrall, recorder.
 Oregon—Edward C. Mears, commander; Capt. Gavin E. Caukin, recorder.
 Pennsylvania—Brig.-Gen. Samuel W. Fountain, U. S. A., commander; Bvt. Lieut.-Col. John P. Nicholson, recorder.
 Vermont—Lieut. Henry V. Cushman, U. S. V., commander; Bvt. Capt. Henry O. Wheeler, recorder.
 Washington—Gen. W. W. Robinson, U. S. V., commander; Walter B. Beals, recorder.
 Wisconsin—Maj. Edwin R. Herren, U. S. V., commander; Lieut. Amos P. Foster, recorder.

UNITED SPANISH WAR VETERANS.

Organized April 13, 1904, by the amalgamation of the National Army and Navy Spanish War Veterans, National Association of Spanish-American War Veterans and the Society of the Service Men of the Spanish War, to which have been added the Legion of Spanish War Veterans and the Veteran Army of the Philippines.

Commander-in-Chief—Oscar T. Taylor, Pittsburgh, Pa.

Senior Vice-Commander-in-Chief—E. H. Hoeber, St. Louis, Mo.

Junior Vice-Commander-in-Chief—W. H. Payne, Roanoke, Va.

Deputy Commander-in-Chief—T. L. Huston, Havana, Cuba.

Deputy Commander-in-Chief—Charles K. Bradbury, Manila, P. I.

Adjutant-General—Ernest W. Larkin, Brooklyn, N. Y.

Judge-Advocate-General—A. F. W. Siebel, Chicago, Ill.

Recorder-General—H. C. H. Stewart, New York, N. Y.

Surgeon-General—Leonard R. Ellis, Hot Springs, Ark.

Chaplain-in-Chief—William F. Dusseault, Lynn, Mass.

National Historian—W. D. Tucker, Canton, O.

Headquarters—Room 1063, 35 Nassau street, New York, N. Y.

DEPARTMENT OF ILLINOIS.

Department Commander—Frank S. Dickson, Springfield.

Senior Vice-Department Commander—Carl McKee, Joliet.

Junior Vice-Department Commander—William F. DeVoe, Pontiac.

Department Adjutant—Martin Sipple, Elgin.

Department Inspector—Chas. L. Daniels, Wheaton.

Department Judge-Advocate—Bernard J. Baumer, Chicago.

Department Surgeon—Dr. G. Frank Lydston, Chicago.

Department Chaplain—Clyde W. Harkness, East St. Louis.

Department Marshal—George W. Gibbs, Chicago.

SOCIETY OF THE CINCINNATI.

Organized by Gen. George Washington and his officers May 10, 1783, at the cantonments of American army on the Hudson river, New York.

GENERAL OFFICERS.

President-General—Winslow Warren, Massachusetts.

Vice-President-General—James Simons, LL. D., South Carolina.

Secretary-General—Asa Bird Gardiner, LL. D., L. H. D., Union club, New York city.

Treasurer-General—Charles Isham, Connecticut.

Assistant Secretary-General—John C. Daves, Baltimore, Md.

Assistant Treasurer-General—Henry Randall Webb, Maryland.

Only the thirteen original states have state societies. These, with the names of president and secretary of each in geographical order named, are:

New Hampshire—William Davis Sawyer, Francis Coffin Martin.

Massachusetts—Winslow Warren, David Greene Haskins.

Rhode Island—Asa Bird Gardiner, LL. D., L. H. D.; George W. Olney.

Connecticut—Henry Larcom Abbott, LL. D.; Bryce Metcalf.

New York—Talbot Olyphant, Francis Burrall Hoffman.

New Jersey—James W. S. Campbell, Louis Dunham Boggs.

Pennsylvania—Richard Dale, Grant Weidman.

Delaware—John Patten Wales, Edwin Jaquette Sellers.

Maryland—Oswald Tilghman, Thomas Edward Sears.

Virginia—William Gordon McCabe, LL. D.; Levin Joyner.

North Carolina—Wilson Gray Lamb, Marshall DeLancey Haywood.

South Carolina—James Simons, LL. D.; Henry M. Tucker, Jr.

Georgia—Walter Glasco Charlton, George Francis Tannille.

The Order of the Cincinnati was organized by American and French officers who served in the war of the revolution, for the purpose of perpetuating the remembrance of that event and keeping up the friendships then formed. Membership goes to the eldest male descendant, if worthy; in case there is no direct male descendant, then to male descendants through intervening female descendants. The present membership is about 890. George Washington was the first president-general until his decease, and Alexander Hamilton the second.

MILITARY ORDER OF FOREIGN WARS OF THE UNITED STATES.

Instituted Dec. 27, 1894.

OFFICERS OF THE NATIONAL COMMANDERY.

Commander-in-Chief—Maj. Gen. Alex. S. Webb, U. S. A., Riverdale, N. Y.

Vice-Commanders-General—Col. William G. Bates, 46 Cedar street, New York; Brig.-Gen. James Forney, U. S. M. C., retired, Philadelphia, Pa.;

Morris W. Seymour, Bridgeport, Conn.; Capt. Willis J. Wells, Chicago, Ill.; the Hon. Horace Davis, LL. D., San Francisco, Cal.;

John C. Edwards, Boston, Mass.; Col. H. Ashton Ramsay, Baltimore, Md.;

Gen. George H. Garretson, Cleveland, O.;

Col. Harvey C. Clark, St. Louis, Mo.;

Lieut. W. W. Russell, U. S. V., Vermont; Maj. William Hancock Clark, Richmond, Va.;

Lieut. Charles H. Peckham, U. S. V., Providence, R. I.;

Commander John W. Bostick, L. N. R., New Orleans, La.;

Brig.-Gen. Edward E. Campbell, U. S. V., Newark, N. J.;

Gen. Charles King, U. S. V., Milwaukee, Wis.;

Rev. Francis M. Kelley, Lapeer, Mich.;

Lieut. R. K. Gaston, Dallas, Tex.;

Col. J. W. Pope, U. S. A., Denver, Col.;

Brig.-Gen. William J. McKee, U. S. V., Indianapolis, Ind.

Secretary-General—Maj. David Banks, 23 Park place, New York, N. Y.

Deputy Secretary-General—Maj. David Banks, Jr., New York, N. Y.

Treasurer-General—Col. Oliver C. Bosbyshell, 4048 Chestnut street, Philadelphia, Pa.

Registrar-General—Rev. Henry N. Wayne, Tuckahoe, N. Y.

Judge-Advocate-General—H. W. Lamberton, Harrisburg, Pa.

Deputy Treasurer-General—Col. O. D. Clark, Montpelier, Vt.

Chaplain-General—Capt. Henry A. F. Hoyt, Cynwyd, Pa.

Historian-General—Capt. Edw. H. Smith, U. S. V., Oshkosh, Wis.

Recorder-General—Maj. Guy A. Boyle, Indianapolis, Ind.

Commanderies have been established in twenty-one states. Total membership about 1,400.

The order is a military organization with patriotic objects, having for its scope the period of American history since national independence. It stands for the needed and honorable principle of national defense against foreign aggression. The principal feature of the order is the perpetuating of the names, as well as the services, of commissioned officers who served in either the war of the revolution, the war with Tripoli, the war of

1812, the Mexican war or the war with Spain and all future campaigns, recognized by the United States government as war with foreign powers. Veteran companionship is conferred upon such officers and hereditary companionship upon their direct lineal descendants in the male line.

SOCIETY OF COLONIAL WARS.

Instituted in 1892.

OFFICERS OF THE GENERAL SOCIETY.

Acting Governor-General—Howland Pell, New York.
 Secretary-General—Clarence Storm, 45 William street, New York.
 Deputy Secretary-General—Henry G. Sanford, 45 William street, New York, N. Y.
 Treasurer-General—William Macpherson Hornor, Philadelphia, Pa.
 Deputy Treasurer-General—Francis Howard Williams, Philadelphia, Pa.
 Registrar-General—George Norbury Mackenzie, Baltimore, Md.
 Historian-General—T. J. Oakley Rhinelander, New York, N. Y.
 Chaplain-General—Rt.-Rev. Daniel S. Tuttle, D. D., LL. D., St. Louis, Mo.
 Surgeon-General—Justin E. Emerson, Detroit, Mich.
 Chancellor-General—Hon. Henry Stockbridge, Baltimore, Md.

SECRETARIES OF STATE SOCIETIES.

California—Harrison B. Alexander, Los Angeles.
 Colorado—John Wright Barrows, Denver.
 Connecticut—L. A. Barbour, Hartford.
 Delaware—Christopher L. Ward, Wilmington.
 Dist. of Columbia—Joseph B. Johnson, Washington.
 Georgia—Charles H. Banks, Savannah.
 Illinois—William R. Tucker, 135 Adams street, Chicago.
 Indiana—Rev. C. S. Sargent, Indianapolis.
 Iowa—Benjamin F. Swisher, Waterloo, Iowa.
 Kentucky—George T. Wood, Louisville.
 Maine—Philip I. Jones, Portland.
 Maryland—Murray P. Brush, Baltimore, Md.
 Massachusetts—E. W. McGlenen, Boston.
 Michigan—Williams C. Harris, Detroit, Mich.
 Minnesota—Herbert M. Temple, St. Paul, Minn.
 Missouri—Robert Brinsmade, St. Louis.
 Nebraska—(Vacancy).
 New Hampshire—George B. Leighton, Monadnock, N. H.
 New Jersey—J. L. Merrill, East Orange.
 New York—Frederick Dwight, New York, N. Y.
 Ohio—J. W. Sparrow, Cincinnati.
 Pennsylvania—E. S. Sayres, Philadelphia.
 Rhode Island—Charles E. Cannon, Providence, R. I.
 Vermont—Byron N. Clark, Burlington.
 Virginia—Thomas Bolling, Jr., Richmond.
 Washington—H. B. Ferris, Spokane.
 Wisconsin—Oliver T. Dwight, Milwaukee.

SOCIETY OF THE WAR OF 1812.

Organized Sept. 14, 1814.

GENERAL OFFICERS 1910-12.

President-General—John Cadwalader (of Pennsylvania society).
 Vice-President-General—Reynold W. Wilcox, M. D., LL. D.; James D. Iglehart, M. D. (Maryland); George Francis Pierce; Walter St. George Harris; Hon. Charles Page Bryan (Illinois); Marcus Benjamin, Ph. D. (Washington, D. C.); Frank W. Thomas; Oscar H. Condit.
 Secretary-General—Calvin Lord.
 Acting Secretary-General—J. E. Burnett Buckenham, Pennsylvania hospital, Philadelphia, Pa.
 Assistant Secretary-General—John Mason Dulany, 4101 St. Paul street, Baltimore, Md.
 Treasurer-General—George H. Richards, M. D., 424 Main street, Orange, N. J.
 Assistant Treasurer-General—James M. Henry, Washington, D. C.
 Registrar-General—Henry Harmon Noble, Essex, N. Y.
 Surgeon-General—George H. Burgin, M. D.
 Judge-advocate-General—Gen. A. Leo Knott.
 Chaplain-General—Henry Branch, D. D., Maryland.

ILLINOIS SOCIETY.

President—John Williamson Lowe, Chicago.
 Secretary—James Edgar Brown, 155 North Clark street, Chicago.

Treasurer—Charles Cromwell, Chicago.

Chaplain—William Henry Babcock, Chicago.

Historian—Dr. Charles David Camp, Chicago.

State societies have been formed in Pennsylvania, Maryland, Massachusetts, Connecticut, Illinois, District of Columbia, New York and New Jersey. Membership is made up of male persons above the age of 21 years who participated in or are lineal descendants of one who served during the war of 1812 in the army, navy, revenue-marine or privateer service of the United States, upon offering proof thereof satisfactory to the state society to which they may make application for membership, and who are of good moral character and reputation.

NATIONAL SOCIETY OF THE SONS OF THE AMERICAN REVOLUTION.

Organized April 30, 1889, and incorporated by act of congress June 9, 1906.

President-General—James M. Richardson, Cleveland, O.
 Vice-Presidents-General—Amedee B. Cole, St. Louis, Mo.; O. D. Baldwin, San Francisco, Cal.; H. V. A. Joslin, Providence, R. I.; N. B. Woodworth, Syracuse, N. Y.; Edwin S. Crandon, Boston, Mass.
 Secretary-General and Registrar-General—A. Howard Clark, Smithsonian Institution, Washington, D. C.
 Treasurer-General—John H. Burroughs, 15 William street, New York, N. Y.
 Historian-General—David L. Pierson, East Orange, N. J.
 Chaplain-General—Rev. John Timothy Stone, D. D., Chicago, Ill.
 Membership (1912)—13,200.

SONS OF THE REVOLUTION.

Organized 1876.

GENERAL OFFICERS 1911-1914.

General President—Hon. Edmund Wetmore, New York, N. Y.
 First General Vice-President—James Mortimer Montgomery, New York, N. Y.
 Second General Vice-President—Thomas Wingate Weeks, Boston, Mass.
 General Secretary—Prof. William Libbey, Princeton, N. J.
 Assistant General Secretary—W. Hall Harris, Jr., Baltimore, Md.
 General Treasurer—Richard McCall Cadwalader, Philadelphia, Pa.
 Assistant General Treasurer—Henry Cadle, Bethany, Mo.
 General Chaplain—Rev. Randolph H. McKim, D. D., Washington, D. C.
 General Registrar—Hon. George E. Pomeroy, Toledo, O.
 General Historian—Marshall De Lancey Haywood, Raleigh, N. C.
 Organizations exist in thirty-two states.
 Membership, 7,560.

ILLINOIS SOCIETY (1912).

President—Francis W. Sharpardson, Chicago.
 Secretary—Frederick Dickinson, 562 Bryant avenue, Chicago.
 Treasurer—Nelson J. Ludington.
 Registrar—John R. Dickinson.
 Chaplain—Rev. George D. Wright.
 Historian—Harrison Kelley.

NAVAL AND MILITARY ORDER OF THE SPANISH-AMERICAN WAR.

Instituted Feb. 2, 1899.

NATIONAL COMMANDERY.

Commander-in-Chief—Ensign William B. Edgar, Massachusetts.
 Senior Vice-Commander-in-Chief—Col. Orin B. Mitcham, New York.
 Junior Vice-Commander-in-Chief—Capt. Charles M. Machold, Pennsylvania.
 Recorder-in-Chief—Maj. Frank Keck, 29 Broadway, New York, N. Y.
 Registrar-in-Chief—Maj. Samuel T. Armstrong, New York.
 Deputy Registrar-in-Chief—Lieut. Daniel Wells, Michigan.

Treasurer-in-Chief—Maj. George Franklin Shiels, California.
 Chaplain-in-Chief—Capt. Henry A. F. Hoyt, Pennsylvania.
 Historian-in-Chief—Capt. Cassilly Cook, New York.
 Council-in-Chief—Capt. William E. English, Indiana; Capt. Charles W. Newton, Connecticut; Lieut.-Col. George V. Lauman, Illinois; Maj. Robert Lee Longstreet, District of Columbia; Maj. Felix Rosenberg, Ohio.

Membership is confined to commissioned officers who served as such in the United States army, navy, marine or revenue cutter service (volunteer or regular) during the Spanish war or the Philippine insurrection incident thereto, as well as all the sons of such officers, and such enlisted men who served in said war and insurrection and who have since become officers in the regular army, navy, marine or revenue cutter service.

ARMY OF THE PHILIPPINES.

Commander-in-Chief—F. Warner Karling, Kansas City, Mo.
 Vice-Commander-in-Chief—Charles F. Manahan, Chicago, Ill.
 First Junior Vice-Commander—A. S. Crossfield, Manila, P. I.
 Second Junior Vice-Commander—George M. Welchelt, Grand Island, Neb.
 Third Junior Vice-Commander—A. V. Davidson, Denver, Col.
 Fourth Junior Vice-Commander—C. T. Spear, St. Paul, Minn.
 Fifth Junior Vice-Commander—Perry W. Jewett, Lincoln, Neb.
 Adjutant-General—Dr. John W. Goggin, 1305 Heyworth building, Chicago, Ill.
 Paymaster-General—William Nelson, Chicago, Ill.
 Judge-Advocate-General—E. C. Little, Kansas City, Kas.
 Surgeon-General—F. M. Rumbold, St. Louis, Mo.
 Assistant Adjutant-General for the Philippines—Edward F. Wilson, Manila, P. I.
 Chaplain—S. J. Smith, Corregidor, P. I.
 Historian—Julian E. Duvall, Norton, Kas.
 Fourteenth annual reunion, Denver, Col., Aug. 18-20, 1913.

NAVY LEAGUE OF THE UNITED STATES.

President—Gen. Horace Porter.
 Vice-President—Robert M. Thompson.
 Counsel—Herbert L. Satterlee.
 Treasurer—J. P. Morgan, Jr., 23 Wall street, New York, N. Y.
 Secretary—Henry H. Ward, Southern building, Washington, D. C.
 Corresponding Secretary—Arthur H. Dadmun, Southern building, Washington, D. C.

SONS OF VETERANS, U. S. A.

NATIONAL OFFICERS, 1912-1913.

Commander-in-Chief—Ralph M. Grant, Hartford, Conn.
 Senior Vice-Commander-in-Chief—Charles B. Martin, Parsons, Kas.
 Junior Vice-Commander-in-Chief—C. H. Hudson, Madison, Wis.
 Council-in-Chief—A. I. Vescellus, Paterson, N. J.; Henry F. Weller, Boston, Mass.; W. B. Moynihan, Rochester, N. Y.
 Secretary (holdover)—J. H. Hammer, Reading, Pa.
 Treasurer (holdover)—J. L. Rake, Reading, Pa.
 Chief of Staff—E. M. Ames, Altoona, Pa.
 Chaplain—Rev. Cyrus K. Stockwell, Sycamore, Ill.
 Counselor—William Coffin, Cincinnati, O.

Patriotic Instructor—Charles F. Sherman, Mount Vernon, N. Y.

Editor The Banner—William G. Dustin, Dwight, Ill.

DIVISION OF ILLINOIS.

Commander—A. L. Van Ness, Bloomington.

Secretary-Treasurer—William G. Dustin, Dwight.

ILLINOIS STATE CAMP NO. 100.

Officers, 1912-1913.

Commander—Carl Godee, Chicago.

Secretary-Treasurer—William G. Dustin, Dwight.

OBJECT.

To perpetuate the memory and history of the heroic deeds of the soldiers, sailors and marines of the civil war, the proper observance of Memorial day, to inculcate patriotism and love of country and to secure an emulation among the younger generation of the heroic loyalty of their soldier fathers. Membership is confined to lineal male descendants of honorably discharged union soldiers, sailors or marines in the civil war.

NATIONAL SOCIETY OF THE DAUGHTERS OF THE AMERICAN REVOLUTION.

Headquarters—Memorial Continental hall, 17th and D streets, N. W., Washington, D. C.

President-General—Mrs. Matthew T. Scott, Bloomington, Ill.

Vice-President-General in Charge of Organization of Chapters—Mrs. Henry L. Mann, Washington, D. C.

Vice-Presidents-General—Terms expire in 1913: Miss Sophie Waples, Delaware; Mrs. Clayton R. Truesdall, Ohio; Mrs. Allen Putnam Perley, Pennsylvania; Mrs. James B. Brayton, Michigan; Mrs. Benjamin F. Gray, Jr., Missouri; Mrs. James M. Fowler, Indiana; Mrs. Edwin C. Gregory, North Carolina; Mrs. Charles B. Bryan, Tennessee; Mrs. R. H. Edmonson, West Virginia; Mrs. Harriet I. Lake, Iowa. Terms expire in 1914: Mrs. Charles H. Bond, Massachusetts; Mrs. LaVerne W. Noyes, Illinois; Mrs. George S. Shackelford, Virginia; Mrs. William Libbey, New Jersey; Mrs. C. F. Johnson, Maine; Mrs. A. K. Gault, Nebraska; Mrs. W. L. Peel, Georgia; Mrs. R. M. Bratton, South Carolina; Mrs. C. M. Williamson, Mississippi; Mrs. William H. Crosby, Racine, Wis.
 Chaplain-General—Mrs. Elizabeth F. Pierce, Washington, D. C.

Recording Secretary-General—Mrs. Howard L. Hodgkins, Washington, D. C.

Registrar-General—Mrs. Gaius M. Brumbaugh, Washington, D. C.

Historian-General—Mrs. Charles W. Bassett, Washington, D. C.

Corresponding Secretary-General—Mrs. William F. Dennis, Washington, D. C.

Treasurer-General—Mrs. Lulu R. Hoover, Washington, D. C.

Assistant Historian-General—Mrs. Henry M. Thompson, Manchester, N. H.

Librarian-General—Miss Amaryllis Gillett, Washington, D. C.

Illinois State Regent—Mrs. George A. Lawrence, Galesburg, Ill.

GENERAL SOCIETY OF MAYFLOWER DESCENDANTS.

Organized at Plymouth, Mass.

Governor-General—Howard Davis.

Secretary-General—John Packwood Tilden.

Office of Society—44 East 23d street, New York, N. Y.

The society is composed of lineal descendants of the passengers on the Mayflower when it arrived at Plymouth, Mass., in December, 1620.

FOURTH OF JULY CASUALTIES.

[From the Journal of the American Medical Association.]

	1907.	1908.	1909.	1910.	1911.	1912.		1907.	1908.	1909.	1910.	1911.	1912.
Deaths—Tetanus	62	55	125	67	10	6	Loss of fingers.....	237	184	176	114	83	43
Other causes.....	102	108	90	64	47	35	Other injuries.....	3,868	5,115	4,823	2,612	1,339	862
Total	164	163	215	131	57	41	Total injured.....	4,249	5,460	5,093	2,792	1,546	947
Injuries—Sight lost....	12	11	16	7	8	8	Total casualties.....	4,413	5,623	5,307	2,923	1,603	988
One eye lost.....	75	93	36	33	26	21	Total casualties in 1903, 4,449; in 1904, 4,169; in 1905, 5,176; in 1906, 5,466.						
Loss of legs, arms and hands	57	57	41	26	30	13							

LABOR ORGANIZATIONS.

AMERICAN FEDERATION OF LABOR.

Headquarters, Washington, D. C.



President—Samuel Gompers.

Secretary—Frank Morrison.

Treasurer—John B. Lennon, Bloomington, Ill.

National and International unions, 113.

Departments, 5.

State branches, 41.

City centrals, 548.

Trade and federal labor unions, 653.

Total number of unions, 1,360.

First convention held Nov. 16-18, 1881.

AFFILIATED NATIONAL AND INTERNATIONAL ORGANIZATIONS, NAMES AND ADDRESSES OF SECRETARIES.

Asbestos Workers of America, National Association of Heat, Frost and General Insulators—Thomas J. McNamara, 2516 Slattery street, St. Louis, Mo.

Bakery and Confectionery Workers' International Union of America—Otto E. Fischer, 221 Chicago avenue, Chicago, Ill.

Barbers' International Union, Journeymen—Jacob Fischer, 222 East Michigan street, Indianapolis.

Bill Posters and Billers of America, National Alliance—William McCarthy, 1482 Broadway, New York, N. Y.

Blacksmiths, International Brotherhood of—William F. Kramer, suite 570-585 Monon building, Chicago.

Boiler Makers and Iron Ship Builders of America, Brotherhood of—W. J. Gilthorpe, Law building, Kansas City, Kas.

Bookbinders, International Brotherhood of—James W. Dougherty, 222 East Michigan street, Indianapolis, Ind.

Boot and Shoe Workers' Union—C. L. Baine, 246 Summer street, Boston, Mass.

Brewery Workmen, International Union of the United—Louis Kemper, Vine and Hollister streets, Cincinnati, O.

Brick, Tile and Terra Cotta Workers' Alliance, International—William Van Bodegraven, 409, 160 North 5th avenue, Chicago, Ill.

Bridge and Structural Iron Workers, International Association of—H. S. Hockin, American Central Life building, Indianapolis, Ind.

Broom and Whisk Makers' Union, International—C. T. Dolan, 3959 Lincoln avenue, Chicago, Ill.

Brushmakers' International Union—George J. Vitzthum, 2082 Gates avenue, Brooklyn, N. Y.

Carpenters and Joiners of America, United Brotherhood of—Frank Duffy, Carpenters' building, Indianapolis, Ind.

Carriage and Wagon Workers, International—William P. Mavell, 10 Chapin block, Buffalo, N. Y.

Carvers' International Protective Association, Retail—H. J. Conway, lock drawer 248, Lafayette, Ind.

Cloth Hat and Cap Makers of North America, United—Max Zuckerman, 62 East 4th street, New York, N. Y.

Commercial Telegraphers' Union of America, The—Wesley Russell, 922-930 Monon building, Chicago.

Compressed Air and Foundation Workers' Union of the United States and Canada—Morris Winters, 64 East 128th street, New York, N. Y.

Coopers' International Union of North America—William R. Deal, Board of Trade building, Kansas City, Kas.

Curtain Operatives of America, Amalgamated Lace—David L. Gould, 3141 Wendle street, Philadelphia, Pa.

Cutting Die and Cutter Makers, International Union of—Harry Relser, 616 6th avenue, New York, N. Y.

Diamond Workers' Protective Union of America—Andries Meyer, 323 Washington street, Brooklyn, N. Y.

Electrical Workers of America, International Brotherhood of—J. P. Noonan, Pierick building, Springfield, Ill.

Elevator Constructors, International Union of—William Young, 1952 North 19th street, Philadelphia, Pa.

Engineers, International Union of Steam—James G. Hannahan, 6303 Harvard avenue, Chicago, Ill.

Engravers, International Association of Watch Case—Carl West, box 263, Canton, O.

Firemen, International Brotherhood of Stationary—O. L. Shamp, rooms 2-4, 2502 North 18th street, Omaha, Neb.

Foundry Employees, International Brotherhood of—George Bechtold, 200 South Broadway, St. Louis.

Freight Handlers and Warehousemen's Union of America, Interior—J. J. Flynn, 816-824 West Harrison street, Chicago, Ill.

Garment Workers of America, United—B. A. Langer, 116-117 Bible House, New York, N. Y.

Garment Workers' Union, International Ladies—John Alex Dyche, 32 Union square, New York.

Glass Bottle Blowers' Association of the United States and Canada—William Launer, 930-931 Witherspoon building, Jolmer and Walnut streets, Philadelphia, Pa.

Glass Workers, International Association, Amalgamated—Joseph P. McArdle, 118 East 28th street, New York, N. Y.

Glove Workers' Union of America, International—Agnes Nestor, 506 Bush Temple of Music, Chicago, Ill.

Granite Cutters' International Association of America—James Duncan, Hancock building, Quincy, Mass.

Grinders and Finishers' National Union, Pocket Knife Blade—F. A. Didsbury, 508 Brooks street, Bridgeport, Conn.

Graders' National Union, Table Knife—John F. Gleason, 76 Chestnut street, Bristol, Conn.

Hatters of North America, United—Martin Lawlor, 11 Waverly place, New York, N. Y.

Hod Carriers and Building Laborers' Union of America, International—A. Persion, box 597, Albany, N. Y.

Horseshoers of United States and Canada, International Union of Journeymen—Hubert S. Marshall, room 605, Second National bank building, Cincinnati, O.

Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America—Jere L. Sullivan, Commercial Tribune building, Cincinnati, O.

Iron, Steel and Tin Workers, Amalgamated Association of—M. F. Tighe, House building, Smithfield and Water streets, Pittsburgh, Pa.

Jewelry Workers' Union of America, International—William Betz, 573 Adam street, Buffalo, N. Y.

Lathers, International Union of Wood, Wire and Metal—Ralph V. Brant, 401 Superior building, Cleveland, O.

Laundry Workers' International Union—Charles F. Bailey, 691 2d avenue, Troy, N. Y.

Leather Workers on Horse Goods, United Brotherhood of—J. T. Pfeiffer, 209-210 Postal building, Kansas City, Mo.

Leather Workers' Union of America, Amalgamated—John Roach, 326 Bank street, Newark, N. J.

Lithographers, International Protective and Beneficial Association of the United States and Canada—John Treanor, 309 Broadway, New York, N. Y.

Lithographic Press Feeders of United States and Canada, International Protective Association of—Harry C. Kranz, 43 Center street, New York.

Longshoremen's Association, International—John J. Joyce, 702 Brisbane building, Buffalo, N. Y.

Machine Printers and Color Mixers of the United States, National Association of—Charles McCrory, 81 John street, Hudson Falls, N. Y.

Machinists, International Association of—George Preston, 908-14 G street, N. W., McGill building, Washington, D. C.

- Maintenance of Way Employees, International Brotherhood of—S. J. Pegg, 3900 Olive street, St. Louis, Mo.
- Marble Workers, International Association of—Stephen C. Hogan, 715 Eagle avenue, New York.
- Meat Cutters and Butchers' Workmen of North America, Amalgamated—Homer D. Call, Cortland and Brighton avenue, Syracuse, N. Y.
- Metal Polishers, Buffers, Platers and Brass Workers' Union of North America—Charles R. Atherton, Neave building, Cincinnati, O.
- Metal Workers' International Alliance, Amalgamated Sheet—John E. Bray, 325 Nelson building, Kansas City, Mo.
- Mine Workers of America, United—Edwin Perry, State Life building, Indianapolis, Ind.
- Miners, Western Federation of—Ernest Mills, 605 Railroad building, Denver, Col.
- Molders' Union of North America, Iron—Victor Kleiber, 530 Walnut street, Cincinnati, O.
- Musicians, American Federation of—Owen Miller, 3535 Pine street, St. Louis, Mo.
- Painters, Decorators and Paperhangers of America, Brotherhood of—J. C. Skemp, drawer 99, Lafayette, Ind.
- Paper Makers' League of North America—J. T. Carey, * 22 Smith building, Watertown, N. Y.
- Pattern Makers' League of North America—James Wilson, * 1008-1099 Second National Bank building, Cincinnati, O.
- Pavers and Rammersmen, International Union of—Edward J. Hannah, 223 East 59th street, New York, N. Y.
- Paving Cutters' Union of the United States of America and Canada—John Sheret, lock box 27, Albion, N. Y.
- Photoengravers' Union of North America, International—Louis A. Schwarz, 228 Apsley street, Philadelphia, Pa.
- Piano and Organ Workers' Union of America, International—Charles Dold, * 1037 Greenwood terrace, Chicago, Ill.
- Plasterers' International Association of the United States and Canada, Operative—T. A. Scully, 442 East 2d street, Middletown, O.
- Plate Printers' Union of North America, International Steel and Copper—Charles T. Smith, 612 F street N. W., Washington, D. C.
- Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of United States and Canada, United Association of—Thomas E. Burke, 411-416 Bush Temple of Music, Chicago, Ill.
- Postoffice Clerks' National Federation—George F. Pfeiffer, 187 Burleigh street, Milwaukee, Wis.
- Potters, National Brotherhood of Operative—John T. Wood, box 6, East Liverpool, O.
- Powder and High Explosive Workers of America, United—S. M. Stewart, Coalmont, Ind.
- Print Cutters' Association of America, National—Richard H. Scheller, 229 Hancock avenue, Jersey City, N. J.
- Printing Pressmen's Union, International—Joseph C. Orr, Rogersville, Tenn.
- Pulp, Sulphite and Paper Mill Workers of the United States and Canada, International Brotherhood of—John H. Malin, P. O. Drawer K, Fort Edward, N. Y.
- Quarry Workers' International Union of North America—Fred W. Sultor, Scampini building, Vero, Va.
- Railroad Telegraphers, Order of—L. W. Quick, Star building, St. Louis, Mo.
- Railway Carmen of America, Brotherhood—E. William Weeks, 507 Hall building, Kansas City, Mo.
- Railway Clerks, Brotherhood of—R. E. Fisher, 307-310 Kansas City Life building, Kansas City, Mo.
- Railway Employees of America, Amalgamated Association of Street and Electric—W. D. Mahon, * 601 Hodges block, Detroit, Mich.
- Railway Express Messengers of America, Brotherhood of—William F. Morrison, 326 Lee building, Oklahoma City, Okla.
- Roofers, Composition, Damp and Waterproof Workers of the United States and Canada, International Brotherhood—D. J. Ganley, 14 North Oxford street, Brooklyn, N. Y.
- Sawsmiths' National Union—F. E. Kingsley, room 64, Baldwin building, Indianapolis, Ind.
- Seamen's Union, International, of America—Thomas A. Hanson, 570 West Lake street, Chicago, Ill.
- Shingle Weavers' Union of America, International—W. H. Reid, 306 Maynard building, Seattle, Wash.
- Slate and Tile Roofers' Union of America, International—Joseph M. Gavlak, 3643 West 47th street, Cleveland, O.
- Slate Workers, International Union of—Thomas H. Palmer, Pen Argyle, Pa.
- Spinners' International Union—Urban Fleming, 183 Lyman street, Holyoke, Mass.
- Stage Employes' International Alliance, Theatrical—Lee M. Hart, care of State hotel, State and Harrison streets, Chicago, Ill.
- Steel Plate Transferers' Association of America—Dennis H. Sherman, 1301 Madison street, N. W., Washington, D. C.
- Stereotypers and Electrotypers' Union of America—George W. Williams, 23 Globe building, Boston.
- Seamcutters' Association of North America, Journeymen—James F. McHugh, 520 6th street, N. W., Washington, D. C.
- Stove Mounters' International Union—J. H. Kaefter, 1210 Jefferson avenue east, Detroit, Mich.
- Switchmen's Union of North America—M. R. Welch, 326 Brisbane building, Buffalo, N. Y.
- Tailors' Union of America, Journeymen—E. J. Brais, box 597, Bloomington, Ill.
- Teamsters, International Brotherhood of—Thomas L. Hughes, 223 East Michigan street, Indianapolis, Ind.
- Textile Workers of America, United—Albert Hibbert, box 742, Fall River, Mass.
- Tile Layers and Helpers' Union, International Ceramic, Mosaic and Encaustic—James P. Reynolds, 12 Federal street, N. S., Pittsburgh, Pa.
- Tin Plate Workers' Protective Association of America, International—Arthur Watkins, box 155, Folsom, Va.
- Tip Printers, International Brotherhood of—T. J. Carolan, 252 Market street, Newark, N. J.
- Tobacco Workers' International Union—E. Lewis Evans, 50-53 American National Bank building, 36th and Main streets, Louisville, Ky.
- Traders' Goods and Leather Novelty Workers' International Union of America—Murt Malone, 191 Boyd street, Oshkosh, Wis.
- Tunnel and Subway Constructors' International Union—Michael Carraher, 150 East 125th street, New York, N. Y.
- Typographical Union, International—J. W. Hays, Newton Claypool building, Indianapolis, Ind.
- Upholsterers' International Union of North America—James H. Hatch, * 233 1st avenue, Astoria, N. Y.
- Weavers' Amalgamated Association, Elastic Goring—Alfred Houghton, 50 Cherry street, Brockton, Mass.
- Weavers' Protective Association, American Wire—A. A. Brooks, 11 Columbus avenue, Holyoke, Mass.
- White Rats Actors Union of America—W. W. Waters, 1553 Broadway, New York, N. Y.
- *President. †Vice-President.

DEPARTMENTS.

- Building Trades Department, American Federation of Labor—William J. Spencer, rooms 412-14 Ouray building, Washington, D. C.
- Metal Trades Department, American Federation of Labor—A. J. Berres, room 513 Ouray building, Washington, D. C.
- Mining Department of the American Federation of Labor—Edwin Perry, State Life building, Indianapolis, Ind.
- Railroad Employes' Department, American Federation of Labor—A. B. Lowe, 3900 Olive street, St. Louis, Mo.
- Union Label Trades Department, American Federation of Labor—Thomas F. Tracy, 708 Ouray building, Washington, D. C.

SECRETARIES OF STATE BRANCHES.

- Alabama—Lewis Bowen, box 180, Birmingham.
- Arkansas—L. H. Moore, 512 East 8th street, Little Rock.
- California—Paul Scharrenberg, 316 14th street, San Francisco.
- Colorado—W. T. Hickey, 430 Charles building, Denver.
- Connecticut—R. P. Cunningham, 34 Keeler street, Danbury.
- Florida—J. C. Privett, box 271, Jacksonville.
- Georgia—Robert Fechner, 132 Abercorn street, Savannah.

Illinois—J. F. Morris, Pierik building, Springfield.
 Indiana—George J. Schwab, 602 4th avenue, Evansville.
 Iowa—J. H. Strief, box 362, Sioux City.
 Kansas—George B. Edgell, 315 Delaware street, Leavenworth.
 Kentucky—Max Traut, 218 Louisville Trust building, Louisville.
 Louisiana—V. V. Stewart, 1531 Oxford street, Shreveport.
 Maine—John F. Connelly, box 140, Bangor.
 Maryland—G. M. Henderson, 102 East Lexington street, Baltimore.
 Massachusetts—Martin T. Joyce, box C, station A, Boston.
 Michigan—Homer F. Waterman, 123 East Main street, Kalamazoo.
 Minnesota—W. E. McEwen, Manhattan building, Duluth.
 Missouri—John T. Smith, Labor Temple, Kansas City.
 Montana—O. M. Partelow, box 31, Butte.
 Nebraska—W. A. Chrisman, box 25, station C, Omaha.
 New Hampshire—J. J. Coyne, 202 Greene street, Manchester.
 New Jersey—Henry F. Hilfers, 63 South Orange avenue, Newark.
 New York—Edward A. Bates, 256 South street, Utica.
 North Carolina—S. Waldrop, 41 Woodfin street, Asheville.
 North Dakota—John Oliver, box 704, Fargo.
 Ohio—Harry D. Thomas, 310 Prospect avenue, S. E., Cleveland, O.
 Oklahoma—Ollie S. Wilson, 1022 State National bank building, Oklahoma City (president).
 Oregon—W. Norrie, 353 16th street, Portland.
 Pennsylvania—C. F. Quinn, 23 East Green street, Nanticoke.

Porto Rico—Free Federation of Workingmen—Raphael Alonso, box 807, San Juan.
 Rhode Island—L. E. Hersey, room 5 Labor Temple, Providence.
 Tennessee—John O'Brien, 116 B street, Chattanooga.
 Texas—John R. Spencer, 209½ South 5th street, Waco.
 Utah—H. K. Russell, 337 South 10th street, East, Salt Lake City.
 Vermont—Alexander Ironside, 13 Ayers street, Barre.
 Virginia—Howard T. Colvin, Alexandria.
 Washington—Charles Perry Taylor, box 1285, Tacoma.
 West Virginia—Frank W. Snyder, 1577 Washington street, Charleston.
 Wisconsin—Fred Brockhausen, 553 Orchard street, Milwaukee.
 Wyoming—C. R. McKinstry, box 892, Cheyenne.

OTHER ORGANIZATIONS.

Bricklayers and Stone Masons' International Union—William Dobson, Odd Fellows' building, Indianapolis, Ind.
 Conductors, Order of Railway—W. J. Maxwell, Cedar Rapids, Iowa.
 Engineers, Brotherhood of Locomotive—Warren S. Stone,* Society for Savings building, Cleveland, O.
 Firemen, Brotherhood of Locomotive—A. W. Hawley, Peoria, Ill.
 Knights of Labor (organized 1878)—J. Frank O'Meara, Bliss building, Washington, D. C.
 Railroad Freight and Baggage Men, International Brotherhood—Robert P. Neil, 44 Broad street, Boston, Mass.
 Trainmen, Brotherhood of Railroad—A. E. King, American Trust building, Cleveland, O.
 *President.

CHICAGO FEDERATION OF LABOR.

Oct. 1, 1912.

President—John J. Fitzpatrick.
 Vice-President—Oscar P. Nelson.
 Secretary—E. N. Nockels, 502, 331 South LaSalle street.
 Financial Secretary—Fred G. Hopp.
 Treasurer—Thomas F. Kennedy.
 Headquarters—166 West Washington street.

ROSTER OF UNIONS.

Amalgamated Association Street Railway Employees No. 241—C. W. Mills, room 55, 138 North LaSalle street.
 No. 260—Edward S. Bechtloff, 7032 Emerald avenue.
 No. 273—William Rock, 8664 Vincennes road.
 No. 308—W. S. McClenathan, 145 North Clark street, room 607.
 Asphalt and Pavers and Helpers No. 25—Gerald R. Graham, 2414 West Madison street.
 Actors (White Rats)—Abner All, 28 North 5th avenue.
 Asbestos Workers No. 17—James P. Pauls, 3719 Irving Park boulevard.
 Baggage and Mail Handlers' Union No. 175—William Fenton, 649 East 42d street.
 Bakers and Confectioners No. 2—Charles Vancina, 538 Wells street.
 No. 62—Hans Toy, 1082 North Paulina street.
 Bakers' Union No. 237—W. Krausz, 1253 South Kedzie avenue.
 Barbers (Journeymen) No. 548—P. A. Holzer, 184 West Washington street, room 606.
 Bartenders No. 401—John O'Brien, 3143 South State street.
 No. 456—George J. Schober, 232 North Clark street.
 No. 507—William A. Weber, 1529 Larrabee street.
 No. 649—C. H. Schultz, 4822 Van Buren street.
 Beer Bottlers No. 248—William Vorsatz, 630 West Lake street.
 Bill Posters and Billers—Thomas J. Reynolds, 3153 South Park avenue.
 Bindery Women No. 30—125 West Van Buren street, room 304.
 Blacksmiths and Helpers No. 14—William Zickgraff, 1134 North Franklin street.

No. 80—William Ives, 4523 Fulton street.
 No. 122—P. W. Moeller, 4462 Princeton avenue.
 No. 325—M. D. Murphy, 1223 Arthington place.
 No. 326—Edward King, 9321 Burnside avenue.
 Boot and Shoe Workers No. 93—W. Eichelberger, 373 Wells street.
 No. 94—Margaret Cavelgel, 3561 Belden avenue.
 No. 133—John Roach, 1924 School street.
 Book Binders No. 8—Otto F. Wassem, 59 East Van Buren street.
 Bottlers' Protective Union No. 8434—Charles Schmidt, 2152 West Chicago avenue.
 Brewers and Maltsters No. 18—Charles Gaude, 630 West Lake street.
 No. 121—Frank Z. Lelivelt, 630 West Lake street.
 Brewers' Laborers No. 337—William Goschke, 1922 George street.
 Brewery Teamsters (Keg Beer) No. 342—George G. Hottinger, 18 West Washington street, room 504.
 Brewery Teamsters (Bottle Beer) No. 344—184 West Washington street, room 503.
 Brick Makers No. 2—A. H. Koselke, Lansing, Ill., postoffice box 1.
 No. 3—Martin Hannauer, 615 Greenwood avenue, Blue Island, Ill.
 No. 4—C. Gibson, 11533 Michigan avenue.
 No. 5—A. C. Kasten, 115 West 138th street, Riverdale, Ill.
 No. 14—George Benjamin, Shermerville, Ill.
 No. 34—William E. Kinstr, Grant Park, Ill.
 No. 49—W. Johnston, 7451 North California avenue, Rogers Park, Ill.
 No. 186—Carl J. Bunge, Glen View, Ill.
 No. 203—R. A. W. Manke, Chicago Heights, Ill., R. R. No. 2, box 94.
 No. 214—M. McReynolds, Manteno, Ill.
 No. 253—S. A. Sodergren, 3537¼ Honore street.
 Bridge Tenders' Association—William L. Devereux, 3517 West Congress street.
 Bridge Laborers No. 13101—J. D. Johnson, 3752 Armour avenue.
 Broom and Whisk Makers No. 29—W. E. Harvey, 152 West Chestnut street.
 Brush Makers No. 1—R. M. Parks, 3227 Beach avenue.

- Butcher Workmen (Casing Workers) No. 158—C. F. Smith, 3071 Broad street.
- Butcher Workmen (Cattle) No. 87—William Kattwasser, 4323 Emerald avenue.
- Butcher Workmen (Retail Clerks) No. 484—S. Miller, 1000 Maxwell street.
- Calumet Joint Labor Council—Carl F. Ernst, 30 East 112th street.
- Carpenters and Joiners No. 1—James McKinnon, 1841 Nebraska avenue.
- No. 10—D. J. Ryan, 4222 Prairie avenue.
- No. 13—P. F. Hayes, 323 South Marshfield avenue.
- No. 21—Joseph Julien, 1631 Hastings street.
- No. 58—Henry Keuth, 1548 Addison street.
- No. 62—W. Shogren, 5829 Henry street.
- No. 70—Willfred Huden, 2835 38th place.
- No. 141—Mark D. Taylor, 6636 Sangamon street.
- No. 181—K. G. Torkelson, 2423 North Lawndale avenue.
- No. 242—John Oppelt, 5041 Aberdeen street.
- No. 272—Sam Dunlap, 79 14th street, Chicago Heights, Ill.
- No. 419—William Bruening, 1422 South Avers avenue.
- No. 504—A. Novak, 1405 West 14th street.
- No. 521—A. L. Yost, 501 South Oakley boulevard.
- No. 643—Harry Phillips, 832 Winthrop court.
- No. 1307—Otto Homs, 2308 Lunt avenue, Evanston, Ill.
- No. 1693—F. T. Tillesen, 2035 North Spaulding avenue.
- No. 1784—Gus Stange, 2911 Harvard street.
- No. 1786—Alois Hruska, 3015 South Avers avenue.
- No. 1922—Paul J. Berndgen, 652 West 59th street.
- Amalgamated—A. Oppermann, 2122 Lincoln avenue.
- Carriage and Wagon Workers No. 4—William McPherson, 2322 South Ashland avenue.
- Carriage, Wagon and Automobile Workers No. 174—W. A. Dean, 619 East 45th street.
- Calkers' Union No. 1—Charles F. Dempsey, 3047 Harrison street.
- Cement Finishers No. 2—Elgin C. Hawkins, 1640 North Harding avenue.
- Cement and Construction No. 4—William Carroll, 361 West Madison street.
- Cement Workers No. 26—F. V. Danielson, 6800 Ridge boulevard.
- No. 29—W. Anderson, 142 14th avenue, Maywood, Ill.
- Chicago Trades Union Label League—Phillip Jorreau, 5634 Ladin street.
- Cigar Makers No. 14—N. F. Lentz, 211 West Madison street.
- No. 15—August Gelssler, southeast corner Market and Randolph streets, second floor.
- Cigar Packers No. 227—Nic. Medinger, 2931 North Halsted street.
- Clerks (Retail)—William Coyle, 3341 West Adams street.
- Cloth Hat and Cap Makers—M. J. Mittleman, 759 South Robey street.
- Cooks' Union No. 865—183 West Madison street.
- Marine—S. R. Little, 314 North Clark street.
- Copers' Union No. 15—J. Ahern, 3231 Butler street.
- No. 94—Adolph Weidmann, 1703 West 15th street.
- (Tank) No. 193—Peter Skaw, 1015 North Ridgeway avenue.
- No. 221—Henry Bristol, 3631 South Leavitt street.
- Cutting Die and Cutter Makers No. 305—Edward Bedore, 518 West 32d street.
- Dredgeworkers' Protective Association No. 1—Martin Andrews, 342 West Kinzie street.
- Egg Inspectors—P. F. Donlan, 76 West South Water street.
- Electrical Workers No. 9—500 South State street.
- No. 49—William M. Hickey, 2235 Seminary avenue.
- No. 134—500 South State street.
- No. 282—William J. O'Leary, 5532 South Loomis street.
- No. 713—T. P. Peterson, 1138 South Albany avenue.
- Elevator Conductors and Starters' Union—175 West Washington street, room 305.
- Elevator Constructors' Union No. 2—William Pease, 1138 South Albany avenue.
- Embroiderers' Union (United)—Kuno Hangartner, 1929 Lincoln avenue.
- Enamelers' (Iron) Union No. 14086—John Sembra, 1804 Blue Island avenue.
- Federal Labor Union of Burnside No. 10829—William Hyman, 1134 East 81st place.
- Firemen's Association (City)—Masonic Temple building, room 1531.
- Firemen (Marine), Oilers and Water Tenders' Association—316 West Kinzie street.
- Firemen (Stationary)—William Fishier, 156 West Washington street, third floor.
- Franklin Union No. 4—L. S. Mills, 409 South Halsted street.
- Freight Handlers No. 2—George H. Kroger, 824 West Harrison street.
- No. 4—William Fitzpatrick, 1313 East 55th street.
- No. 8—Dan Ryan, 1845 North 41st avenue.
- Freight Handlers and Railway Clerks No. 9—T. J. Jansen, 3543 Hirsch street.
- No. 75—Grover Justice, 1450 North Artesian avenue.
- No. 100—Harry Brown, 809 North St. Louis avenue.
- Gardeners and Florists No. 10615—Louis Heldtman, 3610 North Richmond street.
- Garment Workers (Custom Cutters) No. 21—George H. Alexander, 125 West Van Buren street, room 202.
- No. 23—Miss Ollie Nelson, 3429 Hirsch street.
- No. 39—Sidney Hillman, 927 South Winchester avenue.
- No. 61 (Clothing Cutters)—317 West Quincy street.
- No. 152—S. Wincoff, 1972 Evergreen avenue.
- No. 193—S. M. Horwitz, 1349 North Oakley avenue.
- No. 194 (Exam. and B.)—John Luepke, 319 South LaSalle street, room 660.
- No. 197—L. Malisoff, 814 West Harrison street.
- No. 236 (S. O. C.)—M. E. Johnson, 2616 Orchard street.
- Gas and Electric Fixture Hangers No. 381—500 South State street.
- Gas Fitters No. 250—Frank Culleeney, 3302 West Harrison street.
- Glass Workers (Amalgamated) No. 4—Harry Stiff, 4100 Cornelia street.
- Glaziers' Union No. 27—M. Hahn, 544 West 20th street.
- Glove Workers No. 4—Frank Knietz, 2023 Frankfort street.
- No. 18—Mayme Butler, 1202 Webster avenue.
- Hair Spinners No. 10399—John Hannemann, 3053 Lock street.
- Hat Finishers' Association No. 9—James Loughbridge, 2827 West Fullerton avenue.
- Hod Carriers and Building Laborers No. 4—W. B. Johnson, 622 West 47th street.
- Holisting (Portable) Engineers—Oliver Stingley, 3361 South Park avenue.
- Horse Nail Makers No. 7189—Kitty Murphy, 1629 West 20th street.
- Horsehoers No. 4—Thomas Downs, 2930 Emerald avenue.
- Iron Molders No. 233—M. T. Mulchay, 201 South Halsted street.
- (Bench) No. 239—John Woznienski, 1627 North Marshfield avenue.
- (Core Makers) No. 448—A. L. Sinkey, 2619 Southport avenue.
- Iron Workers (Bridge and Structural) No. 1—227 West Washington street.
- Janitors (Flat) No. 12361—F. McWalters, 3419 Jackson boulevard.
- Ladies' Garment Workers No. 44 (Cloak)—Philip H. Holzberg, 1125 Blue Island avenue.
- No. 71—Morris Siskind, 1323 South Central Park avenue.
- Ladies' Straw and Felt Hat Workers—Josephine Ruffing, 3941 North 40th avenue.
- Law Reporters' Union No. 14171—Frank Techtman, room 623 Reaper block.
- Leather Workers (on Travelers' Goods and Novelties) No. 12—Edward S. Shilling, 524 South Halsted street.
- Leather Workers No. 17—Sam Pollinsky, 1003 Olive street.
- Lithograph Apprentices and Press Feeders No. 2—Henry A. Schenk, 1851 Winnebago avenue.
- Lithographers' Union No. 4—Hugh Bowditch, 4707 Calumet avenue.
- Machinists—Progressive No. 126—F. B. Johnson, 4038 Armitage avenue.
- Prosperity No. 128—F. A. Lampert, 749 East 73d street.

- Unity No. 134—F. C. Banke, 327 South Western avenue.
 Maywood No. 185—Willis G. Willard, box 112, Maywood, Ill.
 Bellamy No. 208—J. E. Engelman, 6050 Washington avenue.
 Liberty No. 229—L. Rickert, 2947 Warsaw avenue.
 Reliable No. 253—James Carmichael, 507 North 7th avenue, Maywood, Ill.
 Grand Crossing Lodge No. 265—George J. Burger, 7438 Jackson avenue.
 Freiheit No. 337—H. Thielberg, 2832 Palmer avenue.
 LaSalle No. 338—C. B. Bade, 2981 Wisner avenue.
 Gleichheit No. 366—F. H. Voelker, 254 West 23d place.
 Lake View No. 390—J. A. Weydert, 1245 Webster avenue.
 Tool and Dismakers No. 510—B. H. Rendell, 2140 Powell avenue.
 Brass Workers No. 766—E. C. Langman, 4047 Van Buren street.
 Malters' Union No. 2—James P. McNichols, 442 Garfield avenue.
 Marble Workers' Union No. 21—John O'Connell, 625 West 48th street.
 No. 67—Joseph P. Hauger, 204 North 49th avenue.
 Meat, Food and Sanitary Inspectors—H. M. Connell, 6327 Sangamon street.
 Metal Polishers No. 6—38 South Peoria street, rooms 1 and 2.
 Musicians' Union No. 10—George H. Riley, 175 West Washington street.
 Musical Instrument Makers No. 100—John L. Ward, 3917 North Drake avenue.
 Painters and Decorators No. 54—John Roy, post-office box 104, Evanston, Ill.
 No. 180—William Hill, 839 Belleforté avenue, Oak Park, Ill.
 No. 194—C. M. Madsen, 3328 Beach avenue.
 No. 396—R. Solomon, 1523 West Polk street.
 No. 521—L. Rosestein, 635 Laflin street.
 No. 637—August Olson, 3216 Osgood street.
 Painters (Wood Finishers) No. 430—William LaVaslar, 1947 West Madison street.
 Paper Hangers No. 584—E. L. Maxwell, 1418 Orleans street.
 Painters (Sign and Pictorial) No. 830—J. F. Irwin, 7706 Normal avenue.
 Pattern Makers—J. S. Forrest, 738 West Madison street, room 329.
 Photo Engravers No. 5—125 West Van Buren street.
 Piano Workers No. 1—Theo Schlicht, 1620 North Irving avenue.
 No. 2—E. E. Findeisen, 1350 South 42d court.
 Pile Drivers' Union No. 365—James E. Felio, 9508 Commercial avenue.
 Plumbers' Association—John Bushnell, 167 West Washington street, room 700.
 Postoffice Clerks No. 1—Charles Hrdina, 2510 South Harding avenue.
 Pressmen No. 3—E. H. Heine, 319 South LaSalle street, room 332.
 Pressmen (Web) No. 7—L. A. Waltman, 1644 North Kedzie avenue.
 Printers' Roller Makers No. 10638—James Burke, 1221 42d court.
 Railway Clerks No. 20—M. B. Fahy, 1808 West 22d place.
 Sail and Tent Makers' Union No. 12757—Nels Nelson, 2839 North Maplewood avenue.
 Seamen's Union—Victor Olander, 570 West Lake street.
 Sewer Cleaners and Repairers—J. J. Touhy, 153 South Desplaines street.
 Sheet Metal Workers No. 51—William Kustohs, 1410 North 43d avenue.
 No. 73—39 South 5th avenue.
 No. 115—Ang. Flick, 2718 Cortez street.
 Sprinkler Fitters No. 281—F. R. Jardine, 3109 Flournoy street.
 South Chicago Trades and Labor Assembly—A. W. Smith, 2913 East 97th street.
 Steam Engineers No. 2—William Roll, R. F. D. No. 2, box 21, Blue Island, Ill.
 No. 85—Phillip Walsh, 11563 Perry avenue.
 No. 143—James J. Spain, 4721 Washington boulevard.
 No. 395—James Lyons, 2847 Congress street.
 No. 399—Emil Radtke, 1907 Sheffield avenue.
 No. 400—E. P. Belger, 646 East 41st street.
 No. 401—Charles Graft, 2159 West 12th street.
 No. 402—Thomas Kewley, 1527 Devon avenue.
 No. 464 (Paving)—J. B. Evans, 2656 Warren avenue.
 Steamfitters' Protective Association No. 2—208 North 5th avenue, room 300.
 Steam Shovel and Dredge Men—T. J. Dolan, 105 West Monroe street.
 Steel Workers No. 10—Elijah Ward, 11320 Wentworth avenue.
 Stereotypers No. 114—Robert J. Longmore, 618 South 41st court.
 Stenographers and Typists No. 12755—Mabel Dopson, 106 North LaSalle street, room 33.
 Stone Planer Men No. 13093—W. A. Fanning, 2530 Frankfort street.
 Sub-Paving Inspectors—Raymond F. Stanton, 2150 Grace street.
 Suspender Workers—Mae Nihil, 649 Sherman place.
 Switchmen's Union No. 36—W. H. Langan, 1044 West 55th street.
 No. 68—W. J. Sweeney, 2522 Lexington street.
 No. 79—J. H. Landers, 708 West 50th street.
 No. 199—J. W. Hemen, 3319 South Lowe avenue.
 Tailors No. 5—W. S. Nylen, 232 North Clark street.
 Teachers' Federation—127 North Dearborn street.
 Teachers' Federation (Men)—F. G. Stecker, 3310 Adams street.
 Teamsters—Commission No. 703—F. H. Ray, 222 North State street.
 Truck Drivers No. 705—Harry Hanson, 145 North Market street.
 Packing House No. 710—George Golden, 4201 South Halsted street.
 Laundry No. 712—John Clay, 7323 South Paulina street.
 Stone, Lime and Cement No. 718—175 West Washington street, third floor.
 Livery No. 720—John Butler, 6420 Langley avenue.
 Furniture and Department Store No. 722—A. J. Reed, 20 West Randolph street.
 Auto Livery Chauffeurs No. 727—T. Neary, 175 West Washington street.
 Park B. and D. No. 733—William LaRoche, 6228 Paulina street.
 Bakery No. 734—Louis Larson, 175 West Washington street, third floor.
 Grease and Tallow No. 735—John Muloney, 3353 South Leavitt street.
 No. 739—Mat Cox, 3538 5th avenue.
 Milk Drivers No. 753—175 W. Washington street, third floor.
 Tea and Coffee No. 772—F. A. Mondschein, 175 West Washington street, third floor.
 Telegraphers—Commercial No. 1—Wesley Russell, 440 South Dearborn street.
 Railroad Division No. 91—W. E. Carter, 5529 Evanston avenue.
 Theatrical Employees—Clarence B. Savage, 39 West Adams street, room 403.
 Tuck Pointers and Floor Cleaners—W. G. Blount, 3312 North Leavitt street.
 Tugmen Protective Association (Licensed) No. 2—Thomas J. Cunningham, 2113 West 21st place.
 Tug Firemen-Linenmen Protective Association No. 1—Ed McCormick, 5515 Carpenter street.
 Typographical Union No. 9—C. F. Moser, 4233 North Avers avenue.
 No. 16—John C. Harding, 324 South LaSalle street, second floor.
 United Association Steamfitters and Helpers No. 520—Thomas Freer, 165 West Washington street.
 Upholsterers No. 24—Otto Luedtke, 2047 Cortez street.
 No. 111—R. J. Hull, 1425 West Monroe street.
 Carriage and Automobile No. 131—P. C. Marsch, 5938 Laflin street.
 Wall Paper and Color Mixers No. 8—Emil Ziman, 2445 South Harding avenue.
 Waiters No. 336—176 North Franklin street.
 Waitresses' Union No. 434—Elizabeth Maloney, 35 South Dearborn street, room 41.
 Waiters' Progressive League—Edward Timens, 183 West Madison street.
 Watch Case Engravers—George Beck, 1225 Penn avenue.

Watch Case Makers No. 12736—Gus Carlson, 1439 North Irving avenue.
 Well Drillers and Levermen's Union—F. Rudolph, 6603 South May street.
 Window Washers' Union No. 12065—P. A. Peterson, 1519 North 40th avenue.
 Women's Union Label League—Mrs. J. F. O'Neill, 2230 North 43d avenue.

Women's Trade Union League—Emma Steghagen, 166 West Washington street, room 609.
 Wood Block and Brick Pavers' Union—Fred Scully, 1026 South May street.
 Wood and Wire Lathers No. 74—Harry A. Quadstrom, 1833 Huron street.
 Union Leader—127 North Dearborn street, room 631.

LEARNED SOCIETIES OF AMERICA.

American Academy of Arts and Letters—Secretary, Robert Underwood Johnson, 33 East 17th street, New York, N. Y.

American Academy of Medicine—President, Roy Lyman Wilbur, Sacramento, Cal.; secretary, Charles McIntire, 52 North 4th street, Easton, Pa.
 American Academy of Political and Social Science—President, L. S. Rowe, University of Pennsylvania; secretary, J. P. Lichtenberger, University of Pennsylvania, Philadelphia, Pa.

American Asiatic Association—President, Seth Low; secretary, John Ford, P. O. box 1500, New York, N. Y.

American Association for the Advancement of Science—Permanent secretary, L. O. Howard, Smithsonian institution, Washington, D. C.

American Association of Official Surgeons—President, Dr. B. E. Dawson, Kansas City, Mo.; secretary, Dr. W. A. Guild, Utica building, Des Moines, Iowa.

American Bar Association—President, Frank B. Kellogg, St. Paul, Minn.; secretary, George Whitelock, Baltimore, Md.; assistant secretary, W. Thomas Kemp, Baltimore, Md.; treasurer, Fred E. Wadnams, Albany, N. Y.

American Chemical Society—President, A. D. Little, Boston, Mass.; secretary, Charles L. Parsons, P. O. box 595, Washington, D. C.

American Climatological Association (founded 1884)—President, Dr. Charles L. Minor, Asheville, N. C.; secretary, Dr. Guy Hinsdale, Hot Springs, Va.

American Dermatological Association—President, Isadore Dyer, New Orleans, La.; secretary, James M. Winfield, 47 Halsey street, Brooklyn, N. Y.

American Dialect Society—President, Prof. Calvin Thomas, Columbia university, New York, N. Y.; secretary, Prof. W. E. Mead, Wesleyan university, Middletown, Conn.

American Economic Association—President, Prof. Frank A. Fetter, Princeton university, Princeton, N. J.; secretary, Thomas Nixon Carver, Harvard university, Cambridge, Mass.

American Electro-Therapeutic Association—President, Dr. George F. Humphries, London, England; secretary, Dr. J. Willard Travell, 27 East 11th street, New York, N. Y.

American Folk Lore Society—President, John A. Lomax; secretary, Dr. Charles Peabody, Cambridge, Mass.

American Forestry Association—President, Robert P. Bass, Peterboro, N. H.; executive secretary, Edwin A. Start, 1410 16th street, Washington, D. C.

American Geographical Society—President, Archer M. Huntington; corresponding secretary, Archibald D. Russell, Broadway and 156th street, New York, N. Y.; librarian, David Randall-McIvor, M. A., D. Sc.

American Historical Association—President, William A. Dunning, Columbia university New York, N. Y.; secretary, Waldo G. Leland, Carnegie institution, Washington, D. C.

American Institute of Architects—President, Walter Cook, New York, N. Y.; secretary, Glenn Brown, the Octagon, Washington, D. C.

American Institute of Criminal Law and Criminology—President, James B. Winslow, Madison, Wis.; secretary, Prof. Eugene A. Gilmore, University of Wisconsin, Madison, Wis.

American Institute of Electrical Engineers—President, Ralph D. Mershon, New York, N. Y.; secretary, F. H. Hutchinson, 33 West 39th street, New York, N. Y.; membership, 7,320.

American Institute of Mining Engineers—Secretary, Joseph Struthers, 29 West 39th street, New York, N. Y.

American Institute of Homeopathy—Secretary, Dr. J. Richey Horner, Cleveland, O.

American Library Association—President, Henry E. Legler, Chicago; secretary and executive officer, George B. Utley, 78 East Washington street, Chicago, Ill.

American Mathematical Society—President, H. B. Fine, Princeton university, Princeton, N. J.; secretary, F. N. Cole, Columbia university, New York, N. Y.; Chicago section, secretary, H. E. Slaughter, University of Chicago; San Francisco section, secretary, T. M. Putnam, University of California, Berkeley, Cal.; southwestern section, secretary, O. D. Kellogg, University of Missouri, Columbia, Mo.

American Medical Association—President, Abraham Jacob, New York, N. Y.; general secretary, Alexander R. Craig, 535 Dearborn avenue, Chicago, Ill.; editor and general manager, George H. Simmons, 535 Dearborn avenue, Chicago, Ill.

American Microscopical Society—President, Dr. F. D. Heald, Philadelphia, Pa.; secretary, Prof. T. W. Galloway, Millikin university, Decatur, Ill.

American Medico-Psychological Association—President, James T. Searcey, M. D., Tuscaloosa, Ala.; secretary-treasurer, Charles G. Wagner, M. D., Binghamton, N. Y.

American Nature Study Society—President, Benjamin M. Davis, Miami university, Oxford, O.; secretary-treasurer, Elliot R. Downing, University of Chicago, the School of Education, Chicago, Ill.

American Numismatic Society, The—Governors, Edward D. Adams, Henry R. Drowne, William B. Osgood Field, Archer M. Huntington and Daniel Parish, Jr.; secretary, Bauman Lowe Belden, Audubon Park, 156th street, west of Broadway, New York, N. Y.

American Ophthalmological Society—President, Dr. Myles Standish, Boston, Mass.; secretary, Dr. W. M. Sweet, Philadelphia, Pa.

American Optical Society—President, Prof. George F. Moore, Harvard university, Cambridge, Mass.; corresponding secretary, Prof. A. V. Jackson, Columbia university, New York, N. Y.

American Orthopedic Association—President, A. R. Shands, Washington, D. C.; secretary, Ralph R. Fitch, M. D., 365 East avenue, Rochester, N. Y.

American Osteopathic Association—President, Dr. C. B. Atzen, Omaha, Neb.; secretary, H. L. Childs, Orange, N. J.

American Pediatric Society—President, John Lovett Morse, M. D., Boston, Mass.; secretary, Samuel S. Adams, M. D., Washington, D. C.

American Philological Association—President, Thomas D. Goodell, Yale university, New Haven, Conn.; secretary, Prof. Frank Gardner Moore, Columbia university, New York, N. Y.

American Philosophical Society—President, William W. Keen; secretaries, I. Minis Hays, Arthur W. Goodspeed, Amos P. Brown, Harry F. Keller, 104 South 5th street, Philadelphia, Pa.

American Physical Society—President, Prof. W. F. Magie, Princeton, N. J.; secretary, Ernest Merritt, Ithaca, N. Y.

American Public Health Association—President, Rudolph Hering, New York, N. Y.; secretary, Prof. Selskar M. Gunn, 755 Boylston street, Boston, Mass.

American Social Science Association—President, John Huston Finley, College of the City of New York; general secretary, Robert S. Binkerd, 55 West 44th street, New York, N. Y.

American Society of Biological Chemists—President, A. B. Macallum, University of Toronto, Toronto, Ont.; secretary, Alfred N. Richards, University of Pennsylvania, Philadelphia, Pa.

American Society of Civil Engineers—President, John A. Ackerson; secretary, Charles Warren Hunt, 220 West 57th street, New York, N. Y.

American Society of Mechanical Engineers—President, Alex C. Humphreys; secretary, Calvin W. Rice, 29 West 39th street, New York, N. Y.

American Society of Naturalists—President, Prof. E. G. Conklin, Princeton university, Princeton, N. J.; secretary, Prof. C. R. Stockard, Cornell University Medical college, New York, N. Y.

American Statistical Association—Secretary, Carroll W. Doten, 491 Boylston street, Boston, Mass.

American Surgical Association—President, Charles A. Powers, Denver, Col.; secretary, Robert G. LeConte, 1530 Locust street, Philadelphia, Pa.

Archaeological Institute of America (incorporated by act of congress)—President, Prof. Francis W. Kelsey, Ph. D., University of Michigan, Ann Arbor; general secretary, Prof. Mitchell Carroll, the Octagon, Washington, D. C.

American Association of Anatomists—President, Dr. Ross G. Harrison, Yale university, New Haven, Conn.; secretary-treasurer, Dr. G. Carl Huber, University of Michigan, Ann Arbor.

Association of American Physicians—President, L. F. Barker, Baltimore, Md.; secretary, George M. Koter, 1319 Q street, Washington, D. C.

Astronomical and Astrophysical Society of America—President, Prof. E. C. Pickering, Cambridge, Mass.; secretary, Prof. Philip Fox, Northwestern university, Evanston, Ill.

Botanical Society of America—President, Prof. L. R. Jones, University of Wisconsin, Madison, Wis.; secretary, Prof. George T. Moore, Missouri Botanical garden, St. Louis, Mo.

Geological Society of America, The—President, Herman L. Fairchild, Rochester, Md.; secretary, Edmund Otis Hovey, American Museum of Natural History, New York, N. Y.

League of Grade Teachers' Associations—President, Miss Grace Baldwin, Minneapolis, Minn.; secretary-treasurer, Miss Mollie B. Hobbs, Baltimore, Md.

Mississippi Valley Medical Association—President, Dr. Albert E. Sterne, Indianapolis, Ind.; secretary, Dr. Henry E. Tuley, Louisville, Ky.

National Academy of Sciences—President, Ira Remsen, Baltimore, Md.; home secretary, Arnold Hague, Washington, D. C.; foreign secretary, George E. Hale, Pasadena, Cal.; membership, 113.

National Association for the Study and Prevention of Tuberculosis—Executive office, 105 East 23d street, New York, N. Y.; executive secretary, Dr. Livingston Farrand, New York, N. Y.; secretary, Dr. Henry Barton Jacobs, 11 Mount Vernon place, West, Baltimore, Md.

National Education Association—President, E. T. Fairchild, Topeka, Kas.; permanent secretary, Durand W. Springer, Detroit, Mich.

National Eclectic Medical Association—President, Dr. F. L. Wilmeth, Lincoln, Neb.; corresponding secretary, Dr. William N. Mundy, Forest, O.

National Geographic Society—President, Henry Ganett, Washington, D. C.; secretary, O. F. Austin, Washington, D. C.; office, Hubbard Memorial hall, 16th and M streets, Washington, D. C.

Society of Homeopaths—President, Dr. James T. Kent, Chicago; secretary, Dr. Lee Norman, Louisville, Ky.

Society of Naval Architects and Marine Engineers—President, Stevenson Taylor; secretary, William J. Baxter, 29 West 39th street, New York, N. Y.

Western Economic Society—President, Shailer Mathews, Chicago, Ill.; secretary, Leon C. Marshall, University of Chicago, Chicago, Ill.

BIRD RESERVATIONS IN THE UNITED STATES.

For the purpose of preserving the native wild birds of the country from destruction, the United States in 1903 inaugurated the plan of setting aside regions that contain important colonies of breeding birds as bird reservations or "refuges." The first reserve created was that including Pelican island, Florida, containing a colony of brown pelicans. Since then many other reserves have been established by executive order in various parts of the union. The localities set aside are under the supervision of the secretary of agriculture, who appoints the inspectors and wardens. The reservations are grouped in six administrative districts, each in charge of an inspector, who supervises the

work of the wardens stationed on the reservations. Under a federal law, approved June 28, 1906 (criminal code, section 84), it is unlawful for any person to hunt, trap, capture, willfully disturb or kill any bird of any kind or take the eggs of such birds on any lands of the United States which have been set apart or reserved as breeding grounds for birds by any law, proclamation or executive order, except under such rules as the secretary of agriculture may prescribe. Violations of the law are punishable by fines up to \$500, or imprisonment for six months, or both. Following is a list of the existing bird reserves in the order of their establishment:

Pelican island, Fla., 1903.
Breton islands, La., 1904.
Stump lake, N. D., 1905.
Huron islands, Mich., 1905.
Siskiwit islands, Mich., 1905.
Passage key, Fla., 1905.
Inclan key, Fla., 1906.
Pine islands, La., 1907.
Shell keys, La., 1907.
Flattery rocks, Wash., 1907.
Quillayute Needles, Wash., 1907.
Three Arch rocks, Ore., 1907.
Copalis rock, Wash., 1907.
East Timballer island, La., 1907.
Mosquito inlet, Fla., 1908.
Tortugas keys, Fla., 1908.
Klamath lake, Ore. and Cal., 1908.
Key West, Fla., 1908.
Lake Malheur, Ore., 1908.

Chase lake, N. D., 1908.
Pine island, Fla., 1908.
Matlacha pass, Fla., 1908.
Palma Sola, Fla., 1908.
Island Bay, Fla., 1908.
Loch Katrina, Wyo., 1908.
East Park, Cal., 1908.
Cold Springs, Ore., 1909.
Shoshone, Wyo., 1909.
Pathfinder, Wyo., 1909.
Bellevue, S. D., 1909.
Strawberry valley, Utah, 1909.
Salt river, Ariz., 1909.
Deer Flat, Idaho, 1909.
Minidoka, Idaho, 1909.
Willow creek, Mont., 1909.
Carlsbad, N. M., 1909.
Rio Grande, N. M., 1909.

Keechelus lake, Wash., 1909.
Cle Elum lake, Wash., 1909.
Bumping lake, Wash., 1909.
Conconully, Wash., 1909.
Yukon delta, Alaska, 1909.
Bering sea, Alaska, 1909.
Pribilof, Alaska, 1909.
Tuxedni, Alaska, 1909.
St. Lazarus, Alaska, 1909.
Farallon, Cal., 1909.
Culebra, Porto Rico, 1909.
Hawaitian islands, 1909.
Bogoslof, Alaska, 1909.
Clear lake, California, 1910.
Forester island, Alaska, 1912.
Hazy islands, Alaska, 1912.
Niobrara, Neb., 1912.
Green Bay, Wis., 1912.

THE WORLD'S MOST FAMOUS DIAMONDS.

Name.	Carats.
Cullinan	3,025
D'Angletierre (blue)	443
Etoile Polaire	40
Etoile du Sud	124
Grand Duc de Toscane	133.16
Great Mogul	279 3-16

Name.	Carats.
Imperatrice Eugenie	51
Kohinoor (1st cutting)	279
Kohinoor (2d cutting)	106 1-16
Loterie d'Angleterre	49
Nassak	78%
Orloff	194%

Name.	Carats.
Pacha d'Egypt	40
Regent	136%
Sancy	53 1/2
Shah	86
Tiffany	969
Tiffany (yellow)	125

BIRTH STONES.

January Garnet
February Amethyst
March Aqua marine,
..... bloodstone

April Diamond
May Emerald
June Pearl, moonstone
July Ruby

Aug. Moonstone, peridot
September Sapphire
Oct. Opal, tourmaline

November Topaz
December Turquoise,
..... lapis lazuli

WINNERS OF THE NOBEL PRIZES.

PHYSICS.

- 1901—William Conrad Roentgen, professor of physics at the University of Munich.
 1902—Divided equally between Henrik Anton Lorentz, professor of physics at the University of Leyden, and Peter Zeeman, professor of physics at the University of Amsterdam.
 1903—Half to Antoine Henri Becquerel, professor of physics at the Ecole Polytechnique and at the Museum d'Histoire Naturelle, Paris, France, member Institut Francaise, and half to Pierre Curie, professor of physics at the University of Paris (Sorbonne) and teacher in physics at the Paris Municipal School of Industrial Physics and Chemistry, and his wife, Marie Sklodowska Curie, preceptress at the Higher Normal School for Young Girls at Sevres.
 1904—Lord Rayleigh, professor of natural philosophy, Royal Institution of Great Britain, London.
 1905—Philippe Lenard, professor of physics at the Physical Institute of Kiel.
 1906—J. J. Thomson, professor of experimental physics at the University of Cambridge.
 1907—Albert A. Michelson, professor of physics at the University of Chicago.
 1908—Prof. Gabriel Lippman of the University of Paris.
 1909—G. Marconi, Italy, and Prof. Ferdinand Braun of Strassburg.
 1910—Johannes Diderik van der Waals, professor of experimental physics in the University of Amsterdam, Holland.
 1911—Prof. Wilhelm Wien, University of Wuerzburg.
 1912—Gustaf Dalen, Swedish engineer.

MEDICINE.

- 1901—Emil Adolf von Behring, professor of hygiene and medical history at the University of Marburg, Prussia.
 1902—Donald Ross, professor of tropical medicine at the University college of Liverpool.
 1903—Niels Ryberg Finsen, professor of medicine, Copenhagen, Denmark.
 1904—Ivan Petrovic Pawlow, professor of physiology in the Military Academy of Medicine, St. Petersburg.
 1905—Robert Koch, member of the Royal Academy of Science, Berlin.
 1906—Profs. Ramon y Cajal and Camillo Golgi of the Pavia university, Italy.
 1907—Charles L. A. Laveran of the Pasteur Institute in Paris.
 1908—Dr. Paul Ehrlich of Berlin and Prof. Elie Metchnikoff of the Pasteur Institute, Paris.
 1909—Prof. E. T. Kocher, Switzerland.
 1910—Dr. Albrecht Kossel, professor of physiology, Heidelberg university, Germany.
 1911—Allvar Gullstrand, professor of diseases of the eye, Upsala university, Sweden.
 1912—Dr. Alexis Carrel of the Rockefeller Institute for Medical Research, New York, N. Y.

CHEMISTRY.

- 1901—Jakob Hendrik van't Hoff, professor of chemistry in the University of Berlin.
 1902—Emil Fischer, professor of chemistry in the University of Berlin.
 1903—Svante August Arrhenius, professor at the University of Stockholm.
 1904—Sir William Ramsay, professor of chemistry in the University college, London.

- 1905—Adolf von Baeyer, professor of chemistry at Munich.
 1906—H. Moissan, professor of chemistry at the Sorbonne, Paris.
 1907—Eduard Buchner, professor of chemistry in the agricultural high school of Berlin.
 1908—Prof. Ernest Rutherford of the University of Manchester, England.
 1909—Prof. W. Ostwald of Leipzig.
 1910—Otto Wallach, professor of chemistry in the University of Göttingen.
 1911—Mme. Marie S. Curie, professor of sciences, University of Paris.
 1912—Prof. Grignard, Nancy university, and Prof. Paul Sabatier, Toulouse university.

LITERATURE.

- 1901—Rene Francois Armand Sully-Prudhomme, member of the French academy.
 1902—Theodor Mommsen, a professor of history at the University of Berlin.
 1903—Bjornstjerne Bjornson, author, Norway.
 1904—Half to Frederic Mistral of France and half to Jose Echegaray of Spain.
 1905—Henryk Sienkiewicz, author of "Quo Vadis?"
 1906—Prof. Giosue Carducci of Bologna, Italy.
 1907—Rudyard Kipling of England.
 1908—Prof. Rudolf Eucken, University of Java.
 1909—Selma Lagerlof, Sweden.
 1910—Paul Johann Ludwig Heyse, Germany.
 1911—Maurice Maeterlinck, Belgium.
 1912—Gerhart Hauptmann, German author and dramatist.

PEACE.

- 1901—Divided equally between Henri Dunant, founder of the International Red Cross Society of Geneva, and Frederic Passay, founder of the first French peace association, the "Societe Francaise pour l'Arbitrage Entre Nations."
 1902—Divided equally between Elie Ducommun, secretary of the international peace bureau at Bern, and Albert Gobat, chief of the interparliamentary peace bureau at Bern.
 1903—William Randal Cremer, M. P., secretary of the international arbitration league, London.
 1904—The Institute of International Right, a scientific association founded in 1873 in Ghent, Belgium.
 1905—Baroness Bertha von Suttner for her literary work written in the interest of the world's peace movement.
 1906—Theodore Roosevelt, president of the United States, for the part he took in bringing the Russo-Japanese war to an end. Money set apart by the president for the establishment of a permanent industrial peace commission.
 1907—Divided equally between Ernesto T. Moneta, president of the Lombardy Peace union, and Louis Renault, professor of international law at the University of Paris.
 1908—K. P. Arnoldsén of Sweden and M. F. Bajer of Denmark.
 1909—Baron d'Estournelles de Constant, Paris, and M. Beernaert, Holland.
 1910—International Permanent Peace Bureau, Bern.
 1911—Prof. T. C. M. Asser, Holland, and Alfred Fried, Austria.
 1912—No award.

The prizes are awarded on the 10th of December of each year. They amount to nearly \$38,000 each. An official account of the origin of the Nobel prize fund will be found on page 108 of The Chicago Daily News Almanac and Year-Book for 1904.

FILING OF PETITIONS FOR PRIMARY NOMINATIONS.

In February, 1912, a contest arose between the board of election commissioners of Chicago and the county clerk as to jurisdiction in receiving petitions of candidates for nomination to county offices. Both claimed the right to receive such petitions and to decide upon the order of names on the primary ballots. The matter was carried to the State Supreme court on a petition for a mandamus compelling the election commissioners to print on the primary ballots for the April 9 (1912) primary

election the names of candidates for county offices as furnished by the county clerk of Cook county. In a decision announced Feb. 22 the Supreme court held unanimously that petitions for nominations of candidates for county offices must be filed with the county clerk and the names must be printed upon the primary ballots in the order given by the county clerk. The issuing of the writ of mandamus asked for was ordered.

ELECTION CALENDAR.

PRESIDENTIAL.

Every fourth year. Next election Nov. 7, 1916.
[See the Presidential Election of 1916.]

STATE.

(Gubernatorial if not otherwise specified.)

Alabama—Every fourth year. Next election Nov. 3, 1914.
Arizona—Biennially; first Tuesday after first Monday in November; next election Nov. 3, 1914.
Arkansas—Biennially; second Tuesday in September. Next election Sept. 8, 1914.
California—Every fourth year. Next election Nov. 3, 1914.
Colorado—Biennially. Next election Nov. 3, 1914.
Connecticut—State officers except attorney-general, biennially; attorney-general quadrennially. Next election Nov. 3, 1914.
Delaware—Every fourth year. Next election Nov. 7, 1916.
Florida—Every fourth year. Next election Nov. 7, 1916.
Georgia—Biennially; first Monday in October. Next election Oct. 4, 1914.
Idaho—Biennially. Next election Nov. 3, 1914.
Illinois—Governor, lieutenant-governor, secretary of state, auditor and attorney-general every fourth year. Next election Nov. 7, 1916. State treasurer biennially. Next election Nov. 3, 1914.
Indiana—Governor, every fourth year. Next election Nov. 7, 1916. Other state officers biennially. Next election Nov. 3, 1914.
Iowa—Governor, lieutenant-governor, superintendent of instruction, one justice of the Supreme court and one railroad commissioner biennially. Next election Nov. 3, 1914.
Kansas—Biennially. Next election Nov. 3, 1914.
Kentucky—Every fourth year. Next election Nov. 2, 1915.
Louisiana—Every fourth year; third Tuesday in April. Next election April 18, 1916.
Maine—Biennially; second Monday in September. Next election Sept. 14, 1914.
Maryland—Every fourth year. Next election Nov. 2, 1915.
Massachusetts—Annually. Next election Nov. 4, 1913.
Michigan—Biennially. Next election Nov. 3, 1914.
Minnesota—Biennially. Next election Nov. 3, 1914.
Mississippi—Every fourth year. Next election Nov. 2, 1915.
Missouri—Principal state officers every fourth year. Next election of governor, lieutenant-governor, secretary of state, auditor, treasurer and attorney-general Nov. 7, 1916.
Montana—Every fourth year. Next election Nov. 7, 1916.
Nebraska—Biennially. Next election Nov. 3, 1914.
Nevada—Every fourth year. Next election Nov. 3, 1914.
New Hampshire—Biennially. Next election Nov. 3, 1914.
New Jersey—Governor every third year, other officers appointed. Next election Nov. 4, 1913.
New Mexico—Biennially; on Tuesday after the first Monday in November. Next election Nov. 3, 1914.
New York—Biennially. Next election Nov. 3, 1914.
North Carolina—Every fourth year. Next election Nov. 7, 1916.
North Dakota—Biennially. Next election Nov. 3, 1914.
Ohio—Governor, lieutenant-governor, state treasurer and attorney-general biennially. Next election Nov. 4, 1913. Secretary of state and dairy and food commissioner biennially. Next election Nov. 3, 1914. Auditor every fourth year. Next election Nov. 2, 1915.
Oklahoma—Every three years. Next election Nov. 4, 1913.
Oregon—Every fourth year; first Monday in June. Next election June 1, 1914.
Pennsylvania—Governor, lieutenant-governor and secretary of internal affairs every fourth year. Next election Nov. 3, 1914. State treasurer biennially. Next election Nov. 4, 1913. Other officials appointed.
Rhode Island—Annually. Next election Nov. 4, 1913.
South Carolina—Biennially. Next election Nov. 3, 1914.

South Dakota—Biennially. Next election Nov. 3, 1914.
Tennessee—Biennially. Next election Nov. 3, 1914.
Texas—Biennially. Next election Nov. 3, 1914.
Utah—Every fourth year. Next election Nov. 7, 1916.
Vermont—Biennially; First Tuesday in September. Next election Sept. 1, 1914.
Virginia—Every fourth year. Next election Nov. 4, 1913.
Washington—Every fourth year. Next election Nov. 7, 1916.
West Virginia—Every fourth year. Next election Nov. 7, 1916.
Wisconsin—Biennially. Next election Nov. 3, 1914.
Wyoming—Every fourth year. Next election Nov. 3, 1914.

CHICAGO, COOK COUNTY AND ILLINOIS.

FIRST TUESDAY IN APRIL.

Aldermen in Chicago (one from each ward) annually. Next election April 1, 1913.
Mayor quadrennially. Treasurer and city clerk biennially. Next election of mayor April 6, 1915; of treasurer and city clerk April 1, 1913.
Town officers, officers in cities containing one or more towns and officers in villages whose boundaries coincide with the boundaries of a town, annually. Next election April 1, 1913.

THIRD TUESDAY IN APRIL.

Officers of cities organized under the general law (except such as contain within their limits one or more townships) annually. Next election April 15, 1913.
Officers of villages organized under the general law (except where territorial limits coincide with the territorial limits of a township) annually. Next election April 15, 1913.

FIRST MONDAY IN JUNE.

Judges of the Circuit court (fourteen in Cook county) every sixth year, counting from 1873. Next election in 1915.
One judge of the Superior court of Cook county every sixth year, counting from 1897. Next election in 1915.
Judges of the Supreme court of the state, 5th district, every ninth year, counting from 1873 (next election in 1912), from the 4th district every ninth year, counting from 1876 (next election in 1921); from the 1st, 2d, 3d, 6th and 7th districts every ninth year, counting from 1879 (next election in 1915).

FIRST TUESDAY AFTER FIRST MONDAY IN NOVEMBER.

Presidential electors, governor, lieutenant-governor, secretary of state, auditor, attorney-general, state senators in even-numbered districts, members of the state board of equalization, clerk of the Superior court and recorder of deeds in Cook county, clerks of the Circuit courts, state's attorneys, county surveyors and county coroners every fourth year, counting from 1872. Next election Nov. 7, 1916.
State treasurer, representatives in congress, representatives in the general assembly and three trustees of the University of Illinois every second year, counting from 1872. Next election Nov. 3, 1914.
Clerk of the state Supreme court every sixth year, counting from 1902. Next election Nov. 3, 1914.
Clerks of the Appellate courts every sixth year, counting from 1878. Next election Nov. 3, 1914.
Clerk of Criminal court every fourth year, counting from 1886. Next election Nov. 3, 1914.
Superintendent of public instruction, state senators in odd-numbered districts, clerk of the Criminal court in Cook county, county clerks, county judges, county treasurers, county superintendents of schools and sheriffs every fourth year, counting from 1874. Next election Nov. 3, 1914.
President and fifteen members of the Cook county board biennially. Next election Nov. 3, 1914.
Members of the board of assessors in Cook county every second year as terms (six years) expire. Next election Nov. 3, 1914.

Members of the board of review in Cook county every second year as terms (six years) expire. Next election Nov. 4, 1913.
Judges of the Superior court of Cook county as terms (six years) expire. One will be elected Nov. 4, 1913, and six in 1916.
Sanitary district trustees in Cook county as terms

expire. Three are elected every other year. Next election Nov. 3, 1914. Next president to be elected in 1916.
Judges, one chief justice, one clerk and one bailiff of the Municipal court as terms expire. Next election of chief justice, clerk and bailiff in 1918. Next election of judges Nov. 3, 1914.

THE PRESIDENTIAL ELECTION OF 1916.

The next president and vice-president of the United States will be chosen Nov. 7, 1916. As is well known, these officials are not elected directly by the people, but by electors, who are voted for on the party tickets on the date named. The electors chosen meet on the second Monday in January following their election in their respective states and vote by ballot for president and vice-president of the United States. The result is transmitted to the president of the senate in Washington. On the second Wednesday in February succeeding the meeting of the electors the electoral votes are opened and counted in the presence of both houses of congress and the result announced by the president of the senate.

While the president and vice-president are thus formally elected in 1917, the actual choice is made in 1916. In the spring and summer of that year national party conventions will be held for the nomination of candidates for president and vice-president of the United States for the term beginning March 4, 1917. These conventions are not provided for by the constitution, but it has become the invariable rule that the candidates presented by them are voted for by the presidential electors. The latter are nominated at the state party conventions or primaries and are elected on the first Tuesday after the first Monday in November of every fourth year, preceding the end of the presidential term. Each state is entitled to as many electors as it has senators and representatives. No senator or representative or person holding an office of trust or honor under the United States may be an elector. The twelfth amendment to the constitution prescribes how the electors shall meet and cast their ballots and how congress shall count the votes. The article is as follows:

"The electors shall meet in their respective states and vote by ballot for president and vice-president, one of whom at least shall not be an inhabitant of the same state with themselves; they shall name in their ballots the person voted for as president, and in distinct ballots the person voted for as vice-president, and they shall make distinct lists of all persons voted for as president and of all persons voted for as vice-president, and of the number of votes for each, which list they shall sign and certify and transmit, sealed, to the

seat of the government of the United States, directed to the president of the senate.

"The president of the senate shall, in the presence of the senate and house of representatives, open all the certificates and the votes shall then be counted; the person having the greatest number of votes for president shall be the president, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as president, the house of representatives shall choose immediately by ballot the president. But in choosing the president the votes shall be taken by states, the representation from each state having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the states, and a majority of all the states shall be necessary to a choice. And if the house of representatives shall not choose a president, whenever the right of choice shall devolve upon them, before the 4th day of March next following, then the vice-president shall act as president, as in the case of the death or other constitutional disability of the president.

"The person having the greatest number of votes as vice-president shall be the vice-president, if such number be a majority of the whole number of electors appointed, and if no person have a majority, then from the two highest numbers on the list the senate shall choose the vice-president; a quorum for the purpose shall consist of two-thirds of the whole number of senators, and a majority of the whole number shall be necessary to a choice. But no person constitutionally ineligible to the office of president shall be eligible to that of vice-president of the United States."

Section 5, article II., of the constitution prescribes the qualifications of the president as follows:

"No person except a natural born citizen or a citizen of the United States at the time of the adoption of the constitution shall be eligible to the office of president; neither shall any person be eligible to that office who shall not have attained to the age of 35 years and been fourteen years a resident within the United States."

The qualifications of the vice-president are the same as those of the president.

THE ELECTORAL COLLEGE.

Following is the electoral vote of the states, based upon the apportionment of representatives made by congress under the census of 1910:

State.	Electoral vote.	State.	Electoral vote.
Alabama	12	Indiana	15
Arizona	3	Iowa	13
Arkansas	9	Kansas	10
California	13	Kentucky	13
Colorado	6	Louisiana	10
Connecticut	7	Maine	6
Delaware	3	Maryland	8
Florida	6	Massachusetts	18
Georgia	14	Michigan	15
Idaho	4	Minnesota	12
Illinois	29	Mississippi	10

State.	Electoral vote.	State.	Electoral vote.
Missouri	18	Rhode Island	5
Montana	4	South Carolina	9
Nebraska	8	South Dakota	5
Nevada	3	Tennessee	12
New Hampshire	4	Texas	20
New Jersey	14	Utah	4
New Mexico	3	Vermont	4
New York	45	Virginia	12
North Carolina	12	Washington	7
North Dakota	5	West Virginia	5
Ohio	24	Wisconsin	13
Oklahoma	10	Wyoming	3
Oregon	5	Total	531
Pennsylvania	38	Necessary to choice	266

ORDER OF PRESIDENTIAL SUCCESSION.

In case of the removal, death, resignation or inability of both the president and vice-president, then the secretary of state shall act as president until the disability of the president or vice-president is removed or a president is elected. The rest of the order of succession is: Secretary of the

treasury, secretary of war, attorney-general, postmaster-general, secretary of the navy, secretary of the interior, secretary of agriculture, and secretary of commerce and labor. The acting president, in case congress is not in session, must call a special session, giving twenty days' notice.

NATIONAL POLITICAL COMMITTEES (1912-1916).

REPUBLICAN.

Headquarters—Chicago and New York.
 Chairman—Charles D. Hilles, New York.
 Secretary—James B. Reynolds, New York.
 Assistant Secretary—John Eversman.
 Treasurer—George R. Sheldon, New York.
 Assistant Treasurer—Walter H. Wilson, Illinois.
 Sergeant-at-Arms—William F. Stone, Maryland.
 Director Western Headquarters—D. W. Mulvane, Illinois.
 Executive Committee—John T. Adams, Iowa; Fred W. Estabrook, New Hampshire; James P. Goodrich, Indiana; Thomas A. Marlow, Montana; Alvah H. Martin, Virginia; Thomas K. Niedringhaus, Missouri; Samuel A. Perkins, Washington; Newell Sanders, Tennessee; Charles B. Warren, Michigan; Roy O. West, Illinois; Ralph E. Williams, Oregon.

Alabama—Prelate D. Barker.....Mobile
 Alaska—William S. Bayliss.....Juneau
 Arizona—Ralph H. Cameron.....Grand Canyon
 Arkansas—Powell Clayton.....Washington, D. C.
 California—(Vacancy).....
 Colorado—Simon Gugenheim.....Denver
 Connecticut—Charles F. Brooker.....Ansonia
 Delaware—Coleman DuPont.....Wilmington
 District of Columbia—Chapin Brown.....Washington
 Florida—Henry S. Chubb.....Gainesville
 Georgia—Henry S. Jackson.....Atlanta
 Hawaii—Charles A. Rice.....Honolulu
 Idaho—John W. Hart.....Menan
 Illinois—Roy O. West.....Chicago
 Indiana—James P. Goodrich.....Indianapolis
 Iowa—John T. Adams.....Dubuque
 Kansas—F. S. Stanley.....Wichita
 Kentucky—John W. McCulloch.....Owensboro
 Louisiana—Victor Lolsel.....New Orleans
 Maine—Frederick Hale.....Portland
 Maryland—William P. Jackson.....Salisbury
 Massachusetts—W. Murray Crane.....Daiton
 Michigan—Charles B. Warren.....Detroit
 Minnesota—E. E. Smith.....Minneapolis
 Mississippi—L. B. Mosely.....Jackson
 Missouri—Thomas K. Niedringhaus.....St. Louis
 Montana—Thomas A. Marlow.....Helena
 Nebraska—B. B. Howell.....Omaha
 Nevada—H. B. Maxson.....Reno
 New Hampshire—Fred W. Estabrook.....Nashua
 New Jersey—Franklin Murphy.....Newark
 New Mexico—Charles A. Spiess.....Las Vegas
 New York—William Barnes, Jr.....Albany
 North Carolina—E. C. Duncan.....Raleigh
 North Dakota—Thomas E. Marshall.....Oakes
 Ohio—Sherman Granger.....Zanesville
 Oklahoma—J. A. Harris.....Wagoner
 Oregon—Ralph E. Williams.....Dallas
 Pennsylvania—Henry G. Wasson.....Pittsburgh
 Philippines—H. B. McCoy.....Manila
 Porto Rico—S. Behn.....San Juan
 Rhode Island—William P. Sheffield.....Newport
 South Carolina—Joseph W. Tolbert.....Greenwood
 South Dakota—Thomas Thorson.....Canton
 Tennessee—Newell Sanders.....Chattanooga
 Texas—H. F. MacGregor.....Houston
 Utah—H. L. Gardner.....Salt Lake City
 Vermont—John L. Lewis.....North Troy
 Virginia—Alvah H. Martin.....Norfolk
 Washington—Samuel A. Perkins.....Tacoma
 West Virginia—N. B. Scott.....Wheeling
 Wisconsin—Alfred T. Rogers.....Madison
 Wyoming—George E. Pexton.....Evanston

CHAIRMEN STATE COMMITTEES (1912).

Alabama—Pope M. Long.....Birmingham
 Arizona—J. L. Hubbell.....Phoenix
 Arkansas—H. L. Remmel.....Little Rock
 California—(Vacancy).....
 Colorado—Jesse F. McDonald.....Denver
 Connecticut—Henry Roraback.....Hartford
 Delaware—Edmund Mitchell.....Wilmington
 Florida—Henry S. Chubb.....Gainesville
 Georgia—W. H. Johnson.....Atlanta
 Idaho—George A. Day.....Boise
 Illinois—Roy O. West.....Chicago
 Indiana—Fred A. Sims.....Indianapolis
 Iowa—Charles A. Rawson.....Des Moines
 Kansas—(Vacancy).....

Kentucky—W. D. Cochran.....Louisville
 Louisiana—C. S. Herbert.....New Orleans
 Maine—Warren C. Philbrook.....Waterville
 Maryland—John B. Hanna.....Baltimore
 Massachusetts—Charles E. Hatfield.....Boston
 Michigan—Alex. J. Groseclock.....Detroit
 Minnesota—Edward E. Smith.....Minneapolis
 Mississippi—Fred W. Collins.....Summit
 Missouri—Politte Elvins.....St. Louis
 Montana—J. E. Edwards.....Forsyth
 Nebraska—Frank M. Currie.....Broken Bow
 Nevada—Dr. E. H. Reid.....Reno
 New Hampshire—Jesse M. Barton.....Concord
 New Jersey—Edmund W. Blakelee.....Newark
 New Mexico—Herbert W. Clark.....Santa Fe
 New York—William Barnes, Jr.....Albany
 North Carolina—John M. Morehead.....Spray
 North Dakota—George H. Gray.....Kenmore
 Ohio—H. M. Daugherty.....Columbus
 Oklahoma—Arthur H. Geseler.....Oklahoma City
 Oregon—Charles B. Moores.....Portland
 Pennsylvania—H. G. Wasson.....Pittsburgh
 Rhode Island—Charles A. Wilson.....Providence
 South Carolina—Joseph W. Tolbert.....Greenwood
 South Dakota—Willis G. Cook.....Sioux Falls
 Tennessee—James S. Beasley.....Nashville
 Texas—C. K. McDowell.....Del Rio
 Utah—Henry Gardner.....Salt Lake City
 Vermont—Frank C. Williams.....Newport
 Virginia—C. Bascom Slomp.....Big Stone Gap
 Washington—W. A. Rupp.....Aberdeen
 West Virginia—James S. Lakin.....Clarksburg
 Wisconsin—Henry Krumrey.....Plymouth
 Wyoming—Patrick Sullivan.....Cheyenne

DEMOCRATIC.

Headquarters—New York and Chicago.
 Chairman—William F. McCombs, New York.
 Vice-Chairman—W. G. McAdoo, New York.
 Secretary—Joseph E. Davies, Wisconsin.
 Treasurer—Rolla Wells, Missouri.
 Sergeant-at-Arms—John Martin, Illinois.
 Executive Committee—William F. McCombs, W. G. McAdoo, Joseph E. Davies, T. P. Gore, James A. O'Gorman, James A. Reed, A. Mitchell Palmer, A. S. Burleson, Daniel J. McGillicuddy, Josephus Daniels, R. S. Hudspeeth, Willard Saulsbury, Robert Ewing, Will R. King.
 Alabama—William Dorsey Jelks.....Birmingham
 Arizona—Reese M. Ling.....Phoenix
 Arkansas—W. M. Kavanaugh.....Little Rock
 California—John B. Sanford.....Ukiah
 Colorado—Thomas J. McCue.....Denver
 Connecticut—Homer S. Cummings.....Stamford
 Delaware—Willard Saulsbury.....Wilmington
 Florida—J. T. G. Crawford.....Jacksonville
 Georgia—Clark Howell.....Atlanta
 Idaho—P. H. Elder.....Coeur d'Alene
 Illinois—Charles Boeschstein.....Edwardsville
 Indiana—Thomas Taggart.....French Lick
 Iowa—Martin J. Wade.....Iowa City
 Kansas—William F. Sapp.....Pawnee
 Kentucky—John C. C. Mayo.....Painville
 Louisiana—Robert Ewing.....New Orleans
 Maine—E. L. Jones.....Waterville
 Maryland—J. Fred C. Talbott.....Lutherville
 Massachusetts—J. W. Coughlin.....Fall River
 Michigan—Edwin O. Wood.....Flint
 Minnesota—Frederick B. Lynch.....St. Paul
 Mississippi—Robert Powell.....Jackson
 Missouri—Edward F. Goltra.....St. Louis
 Montana—J. Bruce Kremer.....Butte
 Nebraska—P. L. Hall.....Lincoln
 Nevada—W. J. Bell.....Winnemucca
 New Hampshire—E. E. Reed.....Manchester
 New Jersey—Robert S. Hudspeeth.....Jersey City
 New Mexico—A. A. Jones.....Las Vegas
 New York—Norman E. Mack.....Buffalo
 North Carolina—Josephus Daniels.....Raleigh
 North Dakota—John Bruegger.....Williston-Bottineau
 Ohio—E. H. Moore.....Columbus
 Oklahoma—Robert Galbraith.....Tulsa
 Oregon—Will R. King.....Portland
 Pennsylvania—A. Mitchell Palmer.....Stroudsburg
 Rhode Island—George W. Greene.....Woonsocket
 South Carolina—B. R. Tillman.....Trenton

South Dakota—Thomas Taubman.....Plankinton
 Tennessee—R. E. L. Mountcastle.....Knoxville
 Texas—Cato Selle.....Cleburne
 Utah—William R. Wallace.....Salt Lake City
 Vermont—Thomas H. Browne.....Rutland
 Virginia—J. Taylor Ellyson.....Richmond
 Washington—John Pattison.....Seattle
 West Virginia—John T. McGraw.....Grafton
 Wisconsin—Joseph E. Davies.....Madison
 Wyoming—John E. Osborne.....Rawlins
 Dist. of Columbia—John F. Costello.....Washington
 Hawaii—John H. Wilson.....Honolulu
 Porto Rico—Henry W. Dooley.....New York City
 Philippine Islands—R. E. Manly.....Manila

CHAIRMEN STATE COMMITTEES (1912).

Alabama—R. Tyler Goodwin.....Montgomery
 Arkansas—A. J. Walls.....Lonoke
 Arizona—A. J. Michelson.....Phoenix
 California—J. O. Davis.....San Francisco
 Colorado—George T. Bradley.....Denver
 Connecticut—Charles W. Comstock.....New York
 Delaware—Thomas E. Bayard.....Wilmington
 Florida—F. J. Pearnside.....Palatka
 Georgia—William J. Harris.....Atlanta
 Idaho—Ben R. Gray.....Boise
 Illinois—Arthur W. Charles.....Chicago
 Indiana—Bernard Korbly.....Indianapolis
 Iowa—N. F. Reed.....Ottumwa
 Kansas—H. S. Martin.....Topeka
 Kentucky—J. N. Camden.....Louisville
 Louisiana—Horace Wilkinson.....Port Allen
 Maine—John S. P. Wilson.....Auburn
 Maryland—Murray Vandever.....Havre de Grace
 Massachusetts—Thomas P. Riley.....Boston
 Michigan—Ed C. Shilds.....Detroit
 Minnesota—Martin O'Brien.....St. Paul
 Mississippi—J. M. McBeath.....Meridian
 Missouri—D. C. McClurg.....St. Louis
 Montana—T. M. Swindlehurst.....Helena
 Nebraska—W. H. Thompson.....Grand Island
 Nevada—C. H. McIntosh.....Reno
 New Hampshire—John B. Jameson.....Concord
 New Jersey—Ed R. Grosscup.....Trenton
 New York—George M. Palmer.....Cobleskill
 New Mexico—A. H. Hudspeth.....Santa Fe
 North Carolina—Charles A. Webb.....Raleigh
 North Dakota—D. H. McArthur.....Fargo
 Ohio—W. L. Finley.....Columbus
 Oklahoma—Tom C. Harrill.....Wagoner
 Oregon—B. E. Haney.....Portland
 Pennsylvania—George W. Guthrie.....Harrisburg
 Rhode Island—F. E. Fitzsimmons.....Pawtucket
 South Carolina—John G. Evans.....Spartanburg
 South Dakota—James Coffey.....Yankton
 Tennessee—J. D. G. Morton.....Nashville
 Texas—Walter Collins.....Hillsboro
 Utah—Sam R. Thurman.....Salt Lake City
 Vermont—E. S. Harris.....Bennington
 Virginia—J. Taylor Ellyson.....Richmond
 Washington—Hugh C. Todd.....Seattle
 West Virginia—Stuart W. Walker.....Martinsburg
 Wisconsin—Paul Hemmy.....Milwaukee
 Wyoming—John E. Osborne.....Rawlins

PROHIBITION.

Headquarters—106 North LaSalle street, Chicago, Ill.
 Executive Committee—Chairman, Virgil G. Hinchshaw, Portland, Ore.; vice-chairman, J. B. Lewis, Boston, Mass.; secretary, Mrs. Frances E. Beauchamp, Lexington, Ky.; treasurer, H. P. Farls, Clinton, Mo.; Finley G. Hendrickson, Maryland; W. G. Calderwood, Minnesota; Robert L. Patton, Illinois; F. W. Emerson, California; Frank J. Sibley, Arizona.
 Alabama—J. B. Albritton.....Bellwood
 W. B. Smith.....Bellwood
 Arizona—Frank J. Sibley.....Tucson
 Eugene W. Chafin.....Tucson
 Arkansas—George Kimball.....Little Rock
 J. M. Parker.....Little Rock
 California—F. W. Emerson.....San Francisco
 M. W. Atwood.....Pasadena
 Colorado—J. H. Ketchum.....Colorado Springs
 O. A. Reinhardt.....Denver
 Connecticut—Frederick G. Platt.....New Britain
 E. L. G. Hohenthal.....South Manchester
 Delaware—George W. Todd.....Wilmington
 Lewis W. Brosius.....Wilmington

District of Columbia—M. E. O'Brien.....Washington
 John R. Mahoney.....Washington
 Florida—John P. Coffin.....Jacksonville
 C. B. Wetherell.....Orlando
 Illinois—Robert H. Patton.....Springfield
 Alonzo E. Wilson.....Wheaton
 Indiana—F. W. Lough.....Indianapolis
 Charles Eckhart.....Auburn
 Iowa—Capt. K. W. Brown.....Ames
 O. D. Eilet.....Marshalltown
 Kansas—Earle R. DeLay.....Emporia
 J. N. Woods.....Ottawa
 Kentucky—T. B. Demaree.....Wilmore
 Mrs. Frances E. Beauchamp.....Lexington
 Maine—N. F. Woodbury.....Auburn
 James H. Ames.....Bowdoinham
 Maryland—F. C. Hendrickson.....Cumberland
 George B. Gorsuch.....Baltimore
 Massachusetts—John B. Lewis.....Boston
 John M. Fisher.....Attleboro
 Michigan—F. W. Corbett.....Detroit
 William A. Brubaker.....Detroit
 Minnesota—W. G. Calderwood.....Minneapolis
 J. D. Engle.....Minneapolis
 Missouri—H. P. Farls.....Clinton
 Charles E. Stokes.....Kansas City
 Montana—Mrs. Kate M. Hamilton.....Butte
 Nebraska—A. G. Wolfenbarger.....Lincoln
 D. B. Gilbert.....Lincoln
 New Hampshire—Alva H. Morrill.....Franklin
 George L. Thompson.....Laconia
 New Jersey—Joel W. Brown.....Jersey City
 C. E. Day.....Collingswood
 New York—Olin S. Bishop.....Oswego
 Dr. T. A. MacNicholl.....New York
 North Carolina—T. P. Johnston.....Salisbury
 J. M. Templeton.....Greensboro
 Ohio—Aaron S. Watkins.....Ada
 H. L. Peeke.....Sandusky
 Oklahoma—Rev. Charles Brown.....Carmen
 George E. Rouch.....Guthrie
 Pennsylvania—David B. McCalmont.....Franklin
 Henry S. Gill.....Franklin
 Rhode Island—L. E. Remington.....Rumford
 F. T. Jenks.....West Barrington
 South Dakota—Quincy L. Morrow.....Brookings
 Texas—J. L. Campbell.....El Paso
 P. F. Paige.....El Paso
 Vermont—L. W. Hanson.....Montpelier
 Fred L. Page.....Barre
 Virginia—W. F. Rife.....Waynesboro
 Rev. H. M. Hoge.....Lincoln
 Washington—R. E. Dunlap.....Seattle
 O. L. Fowler.....Tacoma
 West Virginia—Jay E. Cunningham.....Pennsboro
 N. A. Clayton.....Fairmont
 Wisconsin—J. Burrill Smith.....Madison
 B. E. Van Keuren.....Oshkosh

CHAIRMEN STATE COMMITTEES (1912).

Arizona—John Wix Thomas.....Phoenix
 Arkansas—G. H. Kimball.....Little Rock
 California—J. H. Woertendyke.....Los Angeles
 Colorado—Rev. J. H. Ketchum.....Colorado Springs
 Connecticut—E. L. G. Hohenthal.....Manchester
 Delaware—L. W. Brosius.....Wilmington
 Florida—John P. Coffin.....Jacksonville
 Georgia—George Gordon.....Atlanta
 Idaho—Harry Hayes.....Greenleaf
 Illinois—Robert H. Patton.....Springfield
 Indiana—F. W. Lough.....Indianapolis
 Iowa—R. H. Williams.....Oskaloosa
 Kansas—John A. Shilds.....Ottawa
 Kentucky—Mrs. Frances E. Beauchamp.....Lexington
 Louisiana—E. E. Israel.....Baton Rouge
 Maine—James Perrigo.....Portland
 Maryland—Charles R. Woods.....Baltimore
 Massachusetts—Solon W. Binzham.....Boston
 Michigan—William A. Brubaker.....Detroit
 Minnesota—W. G. Calderwood.....Minneapolis
 Missouri—Charles E. Stokes.....Kansas City
 Montana—R. R. Crowe.....Billings
 Nebraska—D. B. Gilbert.....Lincoln
 New Hampshire—Rev. G. L. Thompson.....Laconia
 New Jersey—Donald MacMillan.....Nutley
 New Mexico—James M. Shimer.....Santa Fe
 New York—Olin S. Bishop.....Utica
 North Dakota—F. B. Stevenson.....Emerado
 Ohio—J. Raymond Schmidt.....Columbus

Oklahoma—Carl Leonard (secretary).....Guthrie
Oregon—J. P. Newell.....Portland
Pennsylvania—Burton L. Rockwood.....Harrisburg
Rhode Island—Elisha T. Read.....Woonsocket
South Dakota—C. V. Templeton.....Woonsocket
Texas—P. F. Paige.....Dallas
Vermont—L. W. Hanson.....Montpelier
Virginia—William A. Rife.....Waynesboro
Washington—O. L. Fowler.....Tacoma
West Virginia—J. W. Bedford.....Parsons
Wisconsin—J. Burritt Smith.....Madison
Wyoming—J. R. Cortner.....Jireh

PROGRESSIVE.

Headquarters—Chicago and New York.
Chairman—Joseph M. Dixon, Montana.
Vice-Chairman—J. Medill McCormick, Illinois.
Secretary—Oscar King Davis, New York.
Treasurer—Eton Huntington Hooker, New York.
Assistant Treasurer—George F. Porter, Illinois.
Chairman Executive Committee—George W. Perkins, New York.

Alabama—J. O. Thompson.....Birmingham
Arizona—J. F. Cleveland.....Phoenix
Arkansas—H. K. Cochran.....Little Rock
California—Chester R. Rowell.....Fresno
Colorado—Ben F. Lindsey.....Denver
Connecticut—Joseph W. Alsop.....Hartford
Delaware—Lewis A. Drexler.....Bethany Beach
District of Columbia—Frank J. Hogan.....Washington
Florida—H. L. Anderson.....Jacksonville
Georgia—C. W. McClure.....Atlanta
Idaho—P. Monroe Smock.....Boise
Illinois—J. Medill McCormick.....Chicago
Indiana—Rudolph G. Leeds.....Richmond
Iowa—John L. Stevens.....Boone
Kansas—William Allen White.....Emporia
Kentucky—Leslie Combs.....Louisville
Louisiana—Pearl Wight.....New Orleans
Maine—Halbert P. Gardiner.....Portland
Maryland—E. C. Carrington, Jr.....Baltimore
Massachusetts—Mathew Hale.....Boston
Michigan—Henry M. Wallace.....Detroit
Minnesota—Milton D. Purdy.....Minneapolis
Mississippi—B. F. Fridge.....Ellisville
Missouri—William H. Walker.....St. Louis
Montana—Joseph M. Dixon.....Missoula
Nebraska—Nathan Merriam.....Omaha
Nevada—P. L. Flannigan.....Reno
New Hampshire—William S. Seawool.....Manchester
New Jersey—Borden Whiting.....Newark
New York—William H. Hotchkiss.....New York city
North Carolina—Jas. F. Williamson, Jr.....Burlington
North Dakota—A. Y. More.....Fargo
Ohio—John J. Sullivan.....Cleveland
Oklahoma—George C. Priestly.....Bartlesville
Oregon—Henry Waldo Coe.....Portland
Pennsylvania—William Flinn.....Pittsburgh
Rhode Island—Edwin F. Tuttle.....Woonsocket
South Carolina—(Vacancy).....
South Dakota—O. S. Basford.....Pierre
Tennessee—G. Tom Taylor.....Nashville
Texas—Cecil A. Lyon.....Sherman
Utah—Rudolph H. Eider.....Salt Lake City
Vermont—Charles H. Thompson.....Montpelier
Virginia—Thomas L. Moore.....Roanoke
Washington—Lorenzo Dow.....Tacoma
West Virginia—William M. O. Dawson.....Charleston
Wisconsin—Wheeler P. Bloodgood.....Milwaukee
Wyoming—Robert D. Carey.....Cheyenne

WOMAN MEMBERS AT LARGE.

Illinois—Jane Addams.....Chicago
New York—Miss Frances Kellor.....New York city
California—Mrs. Charles Blaney.....San Francisco
Louisiana—Miss Jean Gordon.....New Orleans

CHAIRMAN STATE COMMITTEES (1912).

Alabama—R. A. Perryman.....Birmingham
Arizona—L. B. Alexander.....Phoenix
Arkansas—J. A. Comer.....Little Rock
California—Meyer Lissner.....Los Angeles
Colorado—Allison Stocker.....Denver
Connecticut—Joseph W. Alsop.....Hartford
Delaware—Robert G. Houston.....Georgetown
District of Columbia—Joseph Sardo.....Washington
Florida—Melville G. Gibbons.....Jacksonville
Georgia—W. J. Tilson.....Atlanta
Idaho—J. P. Gipson.....Boise

Illinois—Chauncey Dewey.....Chicago
Indiana—Edwin M. Lee.....Indianapolis
Iowa—C. Frank.....Des Moines
Kansas—William Allen White.....Emporia
Kentucky—W. S. Lawwill.....Louisville
Louisiana—Gen. W. J. Behan.....New Orleans
Maine—George M. Seiders.....Portland
Maryland—Edward C. Carrington, Jr.....Baltimore
Massachusetts—Mathew Hale.....Boston
Michigan—John T. Breck*.....Detroit
Minnesota—Hugh T. Halbert.....St. Paul
Mississippi—Dr. J. C. French.....Ellisville
Missouri—L. A. Ellis.....Kansas City
Montana—Frank J. Edwards.....Helena
Nebraska—F. P. Corrick*.....Lincoln
Nevada—H. B. Lind.....Reno
New Hampshire—Prof. Ray Wicker.....Hanover
New Jersey—John Franklin Fort.....Newark
New Mexico—Miguel A. Otero.....Santa Fe
New York—William H. Hotchkiss.....New York
North Carolina—Zeb V. Walser.....Lexington
North Dakota—Dorr H. Carroll.....Fargo
Ohio—Walter F. Brown.....Columbus
Oklahoma—Alva L. McDonald.....Oklahoma City
Oregon—George Arthur Brown*.....Portland
Pennsylvania—Thomas R. Hicks.....Philadelphia
Rhode Island—Edwin F. Tuttle.....Providence
South Carolina—(Vacancy).....
South Dakota—John Sutherland*.....Pierre
Tennessee—Cecil A. Lyon.....Nashville
Texas—Wesley K. Walton.....Salt Lake City
Vermont—M. L. Aseltine.....Montpelier
Virginia—Thomas L. Moore.....Roanoke
Washington—Edgar Snyder.....Seattle
West Virginia—William M. O. Dawson.....Charleston
Wisconsin—Norman L. Baker.....Milwaukee
Wyoming—H. N. Gottlieb.....Sheridan
*Manager.

SOCIALIST.

National Headquarters—111 North Market street, Chicago, Ill.
National Secretary—John M. Work.
International Secretaries—Victor L. Berger, Brisbane hall, Milwaukee, Wis.; Kate Richards O'Hare, 411 Olive street, St. Louis, Mo.
National Executive Committee—Victor L. Berger, Brisbane hall, Milwaukee, Wis.; Job Harriman, 921 Higgins building, Los Angeles, Cal.; William D. Haywood, 118 West Kinzie street, Chicago, Ill.; Morris Hillquit, 30 Church street, New York, N. Y.; Alexander Irvine, Caretas island, Stamford, Conn.; Kate Richards O'Hare, 411 Olive street, St. Louis, Mo.; John Spargo, "Nestle-down", Old Bennington, Vt.
Woman's National Committee—Meta Berger, 1218 2d street, Milwaukee, Wis.; Winnie E. Branstetter, 111 North Market street, Chicago, Ill.; Grace D. Brewer, 209 South Cherokee street, Girard, Kas.; Ella Carr, 5445 Drexel avenue, Chicago, Ill.; Lena Morrow Lewis, 240 Pacific building, San Francisco, Cal.; Mary Wood-Simons, 204 North Summit avenue, Girard, Kas.; Luella Twining, 170 E. Superior street, Chicago, Ill.
International Correspondent—Meta L. Stern, Elko Park, Green county, N. Y.
General Correspondent Woman's National Committee—Winnie E. Branstetter, 111 N. Market street, Chicago, Ill.

NATIONAL COMMITTEEMEN.

Alabama—C. G. Hutchins.....Oakdale, Mobile
Arizona—James N. Morrison.....Benson
Arkansas—Dan Hogan.....Huntington
California—Job Harriman.....Los Angeles
J. Stitt Wilson.....Berkeley
Colorado—Mary L. Gelfs.....Denver
Connecticut—Ernest Berger.....Bridgeport
William A. Applegate.....New Haven
Dist. of Columbia—J. W. Richman, Washington, D. C.
Florida—C. C. Allen.....St. Petersburg
Georgia—Andrew Mulcahy.....Augusta
Idaho—H. H. Cummins.....Caldwell
D. J. O'Mahoney.....Pocatello
Illinois—Samuel W. Ball.....Chicago
Adolph Germer.....Belleville

Walter Huggins.....	Chicago
W. E. Rodriguez.....	Chicago
Indiana—S. M. Reynolds.....	Terre Haute
Charles Reece Fenimore.....	Anderson
Iowa—I. S. McCallis.....	Des Moines
John W. Bennett.....	St. Louis
Kansas—E. L. Berry.....	San Diego, Cal.
Oscar H. Baser.....	Wichita
Kentucky—John H. Gamble.....	Newport
Louisiana—J. W. Bassett.....	Lafayette
Maine—Orville J. Gupitll.....	Ellsworth Falls
Maryland—Charles E. Develin.....	Baltimore
Massachusetts—Robert A. Lawrance.....	Clinton
Charles E. Fenner.....	Worcester
George E. Roewer, Jr.....	Boston
Michigan—H. S. McMaster.....	Dowagiac
Frank Aaltonen.....	Negaunee
Minnesota—Morris Kaplan.....	Duluth
David Morgan.....	St. Paul
Thomas Van Lear.....	Minneapolis
Mississippi—J. J. Lipscomb.....	Jackson
Missouri—W. W. McAllister.....	Malden
Clyde A. Berry.....	Joplin
Montana—Jacob M. Kruse.....	Bozeman
J. M. Rector.....	Great Falls
Nebraska—E. E. Olmsted.....	York
Nevada—W. H. Burton.....	Buckskin
New Hampshire—J. Foster Nichols.....	Franklin
New Jersey—Frederick Krafft.....	Ridgefield
Henry Carless.....	Newark
New Mexico—C. R. Cameron.....	Deming
New York—Gustave A. Strebel.....	Syracuse
Algernon Lee.....	New York city
Mrs. Esther Wright.....	Geneva
Herbert M. Merrill.....	Schenectady
Henry L. Slobodin.....	New York city
North Carolina—R. Jarvis Smothers.....	Winston-Salem
North Dakota—Arthur LeSueur.....	Minot
Robert Grant.....	Lakota
Ohio—William Bessemer.....	Cleveland
Thomas Clifford.....	Cleveland
Alvah C. Eby.....	Columbus
William Patterson.....	Toledo
Oklahoma—George E. Owen.....	Oklahoma City
Oscar Ameringer.....	Oklahoma City
P. S. Nagle.....	Kingfisher
Oregon—Floyd C. Ramp.....	Portland
W. S. Richards.....	Albany
Pennsylvania—Con E. Foley.....	Pittsburgh
Gertrude Breslan Hunt.....	Pittsburgh
Thomas F. Kennedy.....	McKees Rock
Charles A. Maurer.....	Reading
John R. McKeown.....	South Sharon
William Parker.....	Oil City
Rhode Island—James P. Reid.....	Olneyville
South Carolina—A. J. Royal.....	Columbia
South Dakota—E. J. Ballinger.....	Lead
Tennessee—F. W. Earnshaw.....	Jackson
Texas—T. A. Hickey.....	Hallettsville
W. S. Noble.....	Rockdale
Utah—W. F. Burclison.....	Bingham Canyon
Vermont—John Spargo.....	Old Bennington
Virginia—C. A. Raper.....	Clifton Forge
Washington—John Dolge.....	Tacoma
David Laury.....	Colville
W. E. Patterson.....	Puyallup
West Virginia—W. B. Cullum.....	Grafton
Wisconsin—Carl D. Thompson.....	Milwaukee
Victor L. Berger.....	Milwaukee
Winfield R. Gaylord.....	Milwaukee
Wyoming—A. Carlson.....	Sheridan

STATE SECRETARIES.

Alabama—Emma F. Connolly.....	Birmingham
Arizona—W. S. Bradford.....	Phoenix
Arkansas—Ida Callery.....	Huntington
California—T. W. Williams.....	Los Angeles
Colorado—A. H. Floaten.....	Denver
Connecticut—S. E. Beardsley.....	Derby
Dist. of Columbia—J. Webb Richman.....	Washington
Florida—A. N. Jackson.....	Jacksonville
Georgia—Max Wilk.....	Augusta
Idaho—J. E. Stewart.....	Nampa
Illinois—J. O. Rentall.....	Chicago
Indiana—James Oneal.....	Terre Haute
Iowa—M. F. Witte.....	Marshalltown
Kansas—S. M. Stallard.....	Fort Scott
Kentucky—W. Lanfersiek.....	Newport
Louisiana—W. F. Dietz.....	Lake Charles

Maine—Fred E. Irish.....	Woodford
Maryland—Charles L. Miller.....	Hagerstown
Massachusetts—Squire E. Putney.....	Boston
Michigan—J. Hoogerhyde.....	Grand Rapids
Minnesota—T. E. Latimer.....	Minneapolis
Mississippi—S. I. M. Raymond.....	Jackson
Missouri—William A. Ward.....	St. Louis
Montana—Alma M. Kriger.....	Butte
Nebraska—Clyde J. Wright.....	Lincoln
Nevada—J. E. Taylor.....	Reno
New Hampshire—John P. Burke.....	Franklin
New Jersey—W. B. Killingbeck.....	Orange
New Mexico—Mrs. Lurline Lane.....	Carriozo
New York—U. Solomon.....	New York city
North Carolina—Wm. T. Bradford.....	Winston-Salem
North Dakota—H. E. Thompson.....	Minot
Ohio—Joseph C. Schawe.....	Columbus
Oklahoma—R. E. Dooley.....	Oklahoma City
Oregon—Charles H. Otten.....	Portland
Pennsylvania—Robert B. Ringler.....	Reading
Rhode Island—Fred Hurst.....	Providence
South Carolina—William Eberhard.....	Charleston
South Dakota—M. G. Opsahl.....	Sioux Falls
Tennessee—J. E. Voss.....	Jackson
Texas—Ed A. Green.....	Rockdale
Utah—Peter J. Holt.....	Salt Lake City
Vermont—Mabel Folland.....	Bennington
Virginia—J. L. Burgess.....	Newport News
Washington—Frans Bostrom.....	Everett
West Virginia—H. W. Houston.....	Charleston
Wisconsin—F. H. Thomas.....	Milwaukee
Wyoming—John Ramsay.....	Rock Springs

WOMAN'S STATE CORRESPONDENTS.

Arizona—Mary D. Loy.....	Prescott
Arkansas—Clara Ware.....	Brewer
California—Mary E. Garbutt.....	Los Angeles
Connecticut—Sarah Hull.....	Bristol
Colorado—M. Octavia Floaten.....	Denver
Dist. of Columbia—Lydia M. Jenkins.....	Washington
Idaho—Laura J. Motley.....	Twk Falls
Illinois—May Waldeen.....	Chicago
Indiana—Lilith Martin.....	Anderson
Iowa—Myron T. Witte.....	Marshalltown
Kansas—Zula J. Stallard.....	Fort Scott
Kentucky—Mrs. Anna Munz.....	Louisville
Minnesota—Elsie Henry Latimer.....	Minneapolis
Montana—Martha E. Plassman.....	Missoula
Nebraska—Ida Ginsburg.....	Lincoln
Nevada—Clara Dunwoody.....	Tonopah
New Jersey—Orra C. Paine.....	West Hoboken
New Mexico—Ethel Phillips.....	Alto
North Dakota—Mary Baxter.....	Maxbass
Oklahoma—Mrs. Lulu Tucker.....	Oklahoma City
Pennsylvania—Jane W. Tait.....	Pittsburgh
Utah—Eva Smith.....	Salt Lake City
Washington—Hortense Wagenknecht.....	Everett

UNITED CHRISTIAN PARTY.

Headquarters—2204 Ripley street, Davenport, Iowa.
 Chairman—Rudolph William Benkert.
 First Vice-Chairman—H. A. Simpson.
 Second Vice-Chairman—Rudolph Fotsch.
 Secretary—Ida McDaniel.
 Assistant Secretary—Kittie Benkert.
 Treasurer—John Fry.

POPULIST.

Chairman—Samuel S. Williams, Vincennes, Ind.
 Vice-Chairman—J. A. Parker, Parma, Mo.
 Secretary and Treasurer—F. J. S. Robinson, Cloverdale, Ind.

SOCIALIST LABOR PARTY.

Headquarters—23 City Hall place, New York, N. Y.
 National Secretary—Paul Augustine, New York.

ILLINOIS STATE CENTRAL COMMITTEES.

Elected April 9, 1912.

REPUBLICAN.

Headquarters—Springfield and Chicago.
 Chairman—Roy O. West, Chicago.
 Secretary—C. J. Doyle, Springfield.
 Dist.

1. Chauncey Dewey.....3266 Lake Park-av., Chicago
2. Roy O. West.....5633 Woodlawn-av., Chicago
3. Charles W. Vail.....7159 Normal-bd., Chicago
4. Thomas J. Healy.....4621 Emerald-av., Chicago

5. Max Levitan.....	1006 Ashland-bd., Chicago
6. George E. Nye.....	3442 Jackson-bd., Chicago
7. Kai P. Hammer.....	1101 N. Spaulding-av., Chicago
8. John F. Devine.....	1345 S. Robey-st., Chicago
9. Francis A. Becker.....	145 W. Huron-st., Chicago
10. Henry D. Capitan.....	1544 Kenilworth-av., Chicago
11. R. J. Barr.....	Joliet
12. Charles E. Hook.....	Ottawa
13. Delos W. Baxter.....	Rochelle
14. Walter A. Rosenfield.....	Rock Island
15. Charles H. Williamson.....	Quincy
16. Garret DeF. Kinney.....	Peoria
17. Col. Frank L. Smith.....	Dwight
18. John H. Harrison.....	Danville
19. Charles G. Eckhart.....	Tuscola
20. Homer J. Tice.....	Greenville
21. Lewis H. Miner.....	Springfield
22. W. C. Hadley.....	Collinsville
23. Alfred H. Jones.....	Robinson
24. W. S. Phillips.....	Ridgeway
25. James A. White.....	Murphysboro

DEMOCRATIC.

Headquarters—Hotel Sherman, Chicago.
 Chairman—Arthur W. Charles, Carmi.
 First Vice-Chairman—H. N. Wheeler, Quincy.
 Second Vice-Chairman—John W. Williams, Carthage.
 Third Vice-Chairman—Edward F. Brennan, Chicago.
 Secretary—Robert M. Sweltzer, Chicago.
 Treasurer—Ernest Hoover, Taylorville.
 Sergeant-at-Arms—John A. Logan, Elgin.

DISTRICT COMMITTEE.	
1. George Noonan.....	2915 Butler-st., Chicago
2. Edw'd F. Brennan.....	6430 Greenwood-av., Chicago
3. Frank J. Walsh.....	542 W. 65th-st., Chicago
4. Jas. J. McCormick.....	3462 S. Halsted-st., Chicago
5. Michael Zimmer.....	2256 W. 21st-pl., Chicago
6. Robt. M. Sweltzer.....	2958 W. Jackson-bd., Chicago
7. James Furlong.....	3229 Park-av., Chicago
8. Michael F. Sullivan.....	21 N. Ashland-bd., Chicago
9. James J. Townsend.....	559 Surf-st., Chicago
10. Peter Reinberg.....	5440 N. Robey-st., Chicago
11. John A. Logan.....	Elgin
12. Fred LeRoy.....	Streator
13. C. J. Dittmar.....	Freeport
14. John W. Williams.....	Carthage
15. H. N. Wheeler.....	Quincy
16. Joseph A. Weil.....	Peoria
17. Martin A. Brennan.....	Bloomington
18. Clint C. Tilton.....	Danville
19. James Gray.....	Decatur
20. James McNabb.....	Carrollton
21. Ernest Hoover.....	Taylorville
22. Jerry K. Kane.....	East St. Louis
23. Thomas J. Newlin.....	Robinson
24. Arthur W. Charles.....	Carmi
25. William S. Cantrell.....	Benton

PROGRESSIVE.

(Not elected at primary.)

Headquarters—LaSalle hotel, Chicago.
 Chairman—Chauncey Dewey, Chicago.
 Secretary—Harold L. Ickes, Chicago.
 Treasurer—LaVerne W. Noyes, Chicago.

Dist.	
1. Chauncey Dewey.....	3266 Lake Park-av., Chicago
2. Charles Ringer.....	7716 Saginaw-av., Chicago
3. James H. Gilmore.....	6954 Princeton-av., Chicago
4. S. J. Napieralski.....	2222 Marshall-bd., Chicago
5. John Sman.....	2959 Parnell-av., Chicago
6. L. M. Jones.....	2137 Lawndale-av., Chicago
7. Clifton R. Bechtel.....	3240 N. Troy-st., Chicago
8. Emil N. Zolla.....	139 N. Clark-st., Chicago
9. John F. Bass.....	743 Lincoln Park-bd., Chicago
10. Harold L. Ickes.....	111 W. Monroe-st., Chicago
11. A. M. Hirsch.....	Aurora
12. J. G. Fillmore.....	Rockford
13. H. L. Fordham.....	Dixon
14. H. W. Cooper.....	Moline
15. Robert A. Chandler.....	Galesburg
16. W. M. Allen.....	Peoria
17. Leslie J. Owen.....	LeRoy
18. B. L. Cooper.....	Kankakee
19. J. R. Beggs.....	Arcola
20. George B. Welmer.....	San Jose
21. A. R. Stansifer.....	Litchfield

22. Fred S. Willbur.....	East St. Louis
23. Robert Hunt, Jr.....	Ramsey
24. I. A. Sturgis.....	Metropolis
25. George W. Dowell.....	DuQuoin

PROHIBITION.

Headquarters—503 Myers building, Springfield.
 Chairman—Robert H. Patton, Springfield.
 Vice-Chairman—Alonso E. Wilson, Wheaton.
 Secretary—Louis F. Gumbart, Macomb.
 Executive Committee—The above officers and John G. Shup, Newton; Charles R. Jones, Evanston; George W. Woolsey, Danville; L. J. Kendall, LaMoille.

Dist.	
7. W. B. Rose.....	1713 N. Humboldt-st., Chicago
10. Charles R. Jones.....	Evanston
11. Alonso E. Wilson.....	Wheaton
12. Frank Hook.....	Grand Ridge
13. Fremont D. Lohman.....	Franklin Grove
14. Louis F. Gumbart.....	Macomb
15. H. O. Munson.....	Rushville
16. Lorenzo J. Kendall.....	LaMoille
17. Marion Gallup.....	Pontiac
18. George W. Woolsey.....	Danville
19. Alexander M. Caldwell.....	Champaign
20. John E. Vertrees.....	Pittsfield
21. Robert H. Patton.....	Springfield
22. Eldon G. Burritt.....	Greenville
23. John H. Shup.....	Newton
24. Wilber A. Morgan.....	Bone Gap
25. H. A. Dubois.....	Cobden

SOCIALIST.

Headquarters—205 W. Washington street, Chicago.
 Chairman—Guy Underwood, Aurora.
 Secretary—J. O. Bentall, Chicago.

Executive Committee—Charles W. Kuen, J. A. Gajeski, John D. Dobleman, John McGill, Daniel N. Donohue, Wright G. Hammond, Fred H. Kralh, Guy Underwood, J. W. Born.

Dist.	
1. Charles W. Kuen.....	3101 State-st., Chicago
2. Joseph A. Gajeski.....	103 W. 16th-st., Chicago
3. John D. Dobleman.....	6343 S. Halsted-st., Chicago
6. John McGill.....	2231 Springfield-av., Chicago
7. Daniel N. Donohue.....	2443 Station-st., Chicago
9. Fred H. Kralh.....	11 W. Erie-st., Chicago
10. J. W. Born.....	1414 Melrose-st., Chicago
11. Guy Underwood.....	Aurora
12. Wright G. Hammond.....	Belvidere
13. Leroy Lattig.....	Freeport
14. Joseph T. Krone.....	Moline
15. A. P. Gillett.....	Canton
16. John W. Ryner.....	Peoria
17. John A. Bruell.....	Lincoln
18. J. H. Denslow.....	Danville
19. W. R. Sinclair.....	Decatur
20. L. P. Hoffman.....	Jacksonville
21. William H. Penrod.....	Paynee
22. James F. Murphy.....	Upper Alton
23. Frank Welcher.....	Beckemeyer
24. C. P. Titus.....	Harrisburg
25. W. J. Allen.....	Sparta

COOK COUNTY COMMITTEES.

COOK COUNTY REPUBLICAN EXECUTIVE COMMITTEE.

Headquarters—801 Otis building.
 Chairman—John F. Devine.
 Vice-Chairman—Isaac J. Bryan.
 Secretary—William H. Weber.
 Assistant Secretary—Emil J. Wentzlaff.
 Treasurer—Isaac N. Powell.

Ward.	
1. Francis P. Brady.....	2030 Indiana-av.
2. Martin B. Madden.....	3829 Michigan-av.
3. Robert R. Levy.....	4639 Prairie-av.
4. Charles L. Strook.....	509 W. 23th-st.
5. Edward J. Litzinger.....	3359 S. Western-bd.
6. Roy O. West.....	5633 Woodlawn-av.
7. Isaac N. Powell.....	6826 Bennett-av.
8. John J. Hanberg.....	9120 Erie-av.
9. Edward E. Ernstman.....	11300 Morse-av.
10. Joseph E. Bidwill, Sr.....	1113 Ashland-bd.
11. Charles V. Barrett.....	1942 22d-st.
12. A. W. Miller.....	3135 Carlisle-pl.

13. David W. Clark.....	3125 Warren-av.
14. D. A. Campbell.....	2852 Washington-bd.
15. George Mugler.....	1351 N. California-av.
16. John P. Devine.....	1919 Fowler-st.
17. L. D. Sitts.....	1471 Grand-av.
18. Homer C. Gopher.....	2237 Jackson-bd.
19. Christopher Mamer.....	501 Throop-st.
20. William J. Cooke.....	1920 S. Halsted-st.
21. Frank A. Vogler.....	1364 LaSalle-av.
22. Bernard F. Clettenberg.....	1136 Orleans-st.
23. John J. Healy.....	503 Barry-av.
24. Leonard A. Brundage.....	2210 Clifton-av.
25. Isaac J. Bryan.....	5422 Lakewood-av.
26. John C. Cannon.....	1811 Larchmont-av.
27. Victor P. Arnold.....	5945 E. Circle-av.
28. Joseph F. Haas.....	2712 W. Fullerton-av.
29. Matt A. Mueller.....	5017 S. Wood-st.
30. Thomas J. Healy.....	4621 Emerald-av.
31. Charles S. Deenen.....	Springfield, Ill.
32. Charles W. Vall.....	7159 Normal-bd.
33. George Hitzman.....	3554 Dickens-av.
34. Charles Vavrik.....	1452 S. 40th-ct.
35. J. F. Gainty.....	4217 Jackson-bd.

COUNTRY DISTRICTS.

1. A. Van Steenberg.....	Lansing
2. W. H. Weber.....	Blue Island
3. Allen M. Hoffman.....	Des Plaines
4. Peter S. Ray.....	Oak Park
5. William Busse.....	Mount Prospect
6. Frank H. Anderson.....	Evanston

CENTRAL COMMITTEE OF THE DEMOCRATIC PARTY OF COOK COUNTY.

EXECUTIVE COMMITTEE.

Headquarters—Suite 216, 217, 218 Hotel LaSalle.

Chairman—John McGillen.

Secretary—George L. McConnell.

Treasurer—William Legner.

Vice-Presidents—B. F. Weber, Stanley S. Walkowiak, Frank McDermott.

Sergeant-at-Arms—Michael F. Maher.

WARD.

1. Michael Kenna.....	307 S. Clark-st.
2. John J. Coughlin.....	17 N. LaSalle-st.
3. Daniel J. Harris.....	3631 LaSalle-st.
4. Clem Kuehne.....	3854 Cottage Grove-av.
5. William L. O'Connell.....	4322 Drexel-bd.
6. Peter J. Angsten.....	4321 Michigan-av.
7. Henry Stuckart.....	2517 Archer-av.
8. James M. Dailey.....	549 W. 31st-st.
9. Patrick J. Carr.....	3521 S. Western-av.
10. Charles Martin.....	3635 Emerald-av.
11. John P. Gibbons.....	5007 Wabash-av.
12. Peter Foy.....	5331 Calumet-av.
13. Edw. F. Brennan.....	6310 Cottage Grove-av.
14. John H. Mack.....	732 Sherman-st.
15. William Powers.....	9123 Superior-av.
16. Sheldon Govier.....	10547 Corliss-av.
17. D. E. Wittenberg.....	10726 Stephenson-av.
18. Fred Rohde.....	114 N. LaSalle-st.
19. Edw. J. Novak.....	1524 First National Bank bldg.
20. John Lagodny.....	1735 W. 18th-st.
21. Leo V. Roeder.....	139 N. Clark-st.
22. M. H. Rogers.....	1009 S. Fairfield-av.
23. W. R. Skidmore.....	115 N. Clark-st.
24. Patrick A. Nash.....	2946 Washington-bd.
25. M. F. Maher.....	259 W. Huron-st.
26. Joseph Straus.....	1559 Milwaukee-av.
27. John P. Tansey.....	1506 N. Fairfield-av.
28. William Mazurek.....	2329 Robey-av.
29. Joseph F. Trandel.....	1332 Fox-pl.
30. Stanley S. Walkowiak.....	139 N. Clark-st.
31. Thomas J. O'Brien.....	600 County building
32. George L. McConnell.....	218 S. Seeley-av.
33. William Gaynor.....	506 W. Adams-st.
34. John Powers.....	1284 Macalister-pl.
35. Peter O'Brien.....	744 S. Center-av.
36. Mose Ginsberg.....	1366 Waller-st.
37. Dennis J. Egan.....	654 W. 18th-st.
38. Albert J. Flynn.....	409 N. Clark-st.
39. John M. O'Connor.....	1810 Title and Trust building
40. Thomas Sturch.....	1132 Chatham-ct.
41. John Ciskowski.....	1860 Maud-av.
42. Henry H. Gibbons.....	2434 Orchard-st.
43. Dennis W. Sullivan.....	Temple building
44. Fred Esau.....	1720 Diversey parkway
45. James Fitzgerald.....	2240 Clifton-av.

25. William F. Quinlan.....	1115 Devon-av.
26. John T. Connery.....	5228 Sheridan-rd.
27. Thomas J. Dawson.....	1518 Ashland block
28. N. J. Daleiden.....	2016 Lelar-t-av.
29. William McRae.....	3553 Elston-av.
30. Francis D. Connery.....	5346 Lealand-av.
31. Ben M. Shary.....	2702 N. Washnaw-av.
32. Frank McDermott.....	1656 N. Campbell-av.
33. Joseph Callahan.....	1552 W. 55th-st.
34. Dennis D. McCarthy.....	4843 Ashland-av.
35. Joseph T. Mahoney.....	5305 S. Halsted-st.
36. James A. Long.....	217 W. 43d-st.
37. M. J. Flynn.....	227 W. 60th-st.
38. Richard J. Knight.....	5532 LaSalle-st.
39. Frank J. Walsh.....	7808 Peoria-st.
40. T. J. Crowe.....	542 W. 65th-st.
41. Matt L. Cullen.....	2448 Spaulding-av.
42. J. J. Fullerton.....	2554 Milwaukee-av.
43. K. M. Rads.....	3300 Ogden-av.
44. William J. Clark.....	3915 W. 26th-st.
45. William P. Feeney.....	4209 W. North-av.
	17 N. LaSalle-st.

COMMITTEE AT LARGE.

John McGillen.....	105 S. LaSalle-st.
Hans Blase.....	4167 Milwaukee-av.
Frank S. Ryan.....	4707 Washington-bd.
Salvatore Romano.....	816 W. Ohio-st.
John J. Brennan.....	716 W. Madison-st.
Clifton P. Wilson.....	140 S. Dearborn-st.
John J. McLaughlin.....	7 S. LaSalle-st.
Thomas Little.....	2248 W. Lake-st.
Stanley H. Kunz.....	1349 Noble-st.
John P. Hayes.....	1645 W. Jackson-bd.
George E. Brennan.....	134 S. LaSalle-st.
William Legner.....	916 N. Paulina-st.
Joseph Kacena.....	1458 S. 41st-ct.
John F. O'Malley.....	47 E. Superior-st.
William Graham.....	3717 Indiana-av.
E. F. Silha.....	3350 Douglas-pl.
B. F. Weber.....	4423 N. Ashland-av.

COUNTRY TOWNS.

E. H. Poehlsen.....	Blue Island
I. M. Kuebsen.....	Palatine
W. E. Hess.....	Wilmette
George McNamee.....	Cicero
August Koelling.....	Arlington Heights
H. L. M. McCullen.....	Glen View
James Turnock.....	Evanston
A. A. McKinley.....	Evanston
W. H. Stolte.....	Chicago Heights
L. N. Richter.....	Melrose Park
Francis M. Keogh.....	Lemont
W. E. McAuliffe.....	Franklin Park
W. A. Lantz.....	LaGrange
J. L. Butler.....	North Berwyn
A. L. Tompkins.....	Oak Park
J. J. O'Rourke.....	Harvey
Ross C. Hall.....	Oak Park

MANAGING COMMITTEE OF THE COUNTY CENTRAL COMMITTEE OF THE DEMOCRATIC PARTY OF COOK COUNTY.

Headquarters—Briggs house.

Chairman—A. J. Sabath.

Vice-Chairman—John J. Coughlin.

Vice-Chairman—M. S. Furman.

Vice-Chairman—Otto Spankuch.

Recording Secretary—James S. McInerney.

Financial Secretary—Harry Goldstine.

Assistant Secretary—John Downey.

Treasurer—James F. Bowers.

Sergeant-at-Arms—Daniel Ryan.

THE PROHIBITION CENTRAL COMMITTEE OF COOK COUNTY.

Headquarters—Room 434, 106 North LaSalle street.

Chairman—Edward E. Blake.

Vice-Chairman—O. F. Sorber.

Secretary—John E. Larsen.

Treasurer—John Harper.

County Organizer—Leo F. Jeanmine.

Executive Committee—Edward E. Blake, O. F. Sorber, John E. Larsen, John Harper, Malcolm C. Harper, Edwin R. Worrell, Dr. Axel Gustafson, O. A. Harding, David B. Decker.

Ward.

1. Franke Hoble.....	243 W. 25th-st.
2. George W. Doolittle.....	3441 Vernon-av.
3. Esdros B. Trubey.....	4152 Berkeley-av.
4. William Ahmer, Jr.....	3030 Broad-st.
5. Franklin J. Reed.....	3613 Archer-av.
6. R. A. Doubt.....	731 E. 50th-st.
7. Herman H. McCain.....	6060 Woodlawn-av.
8. A. Gustafson.....	9818 Ewing-av.
9. Axel Siktberg.....	10452 Cottage Grove-av.
10. A. M. Frederick.....	2022 Blue Island-av.
11. A. J. Terwell.....	3452 W. 23d-st.
12. O. F. Garner.....	2220 Wilcox-av.
13. Dr. J. S. Sageser.....	2220 Park-av.
14. Otto Seidelwitz.....	822 N. Rockwell-st.
15. Dr. F. H. Booth.....	1627 North-av.
16. John J. Bateson.....	1350 W. Erie-st.
17. Victor Behrens.....	2252 W. Jackson-bd.
18. Orange F. Sorber.....	875 LaSalle-av.
19. Edwin Fjellander.....	364 Wendell-st.
20. August C. Lehman.....	1838 N. Halsted-st.
21. J. B. Harry Sheppard.....	2037 Bissell-st.
22. W. R. Van Sant.....	1609 Greenleaf-av.
23. Dr. John H. Gill.....	1725 Wilson-av.
24. George L. Chindahl.....	4643 N. 46th-av.
25. Marcus I. Underwood.....	2500 Artesian-av.
26. Thomas G. Moore.....	725 W. 43d-st.
27. George S. Hicks.....	520 W. 60th-st.
28. Frank W. Stafford.....	6855 S. Halsted-st.
29. Ernest T. Thorsen.....	604 N. Central-av.
30. Harry G. Rowe.....	2318 S. Central-av.
31. Dr. O. Eugene Larking.....	4249 W. Jackson-bd.

COUNTRY DISTRICTS.

Malcolm C. Harper.....	Evanston
Paul Graybill.....	Harvey
H. J. Lageschulte.....	Barrington
George A. Cressey.....	Morgan Park
George W. Hoover.....	Oak Park

PROGRESSIVE.

Headquarters—Hotel LaSalle.

Chairman—Harold L. Ickes.

Secretary—Charles Ringer.

Treasurer—LaVerne W. Noyes.

Ward.

1. John H. Taylor.....	2446 Prairie-av.
2. Chauncey Dewey.....	3266 Lake Park-av.
3. Charles H. Sergel.....	4578 Oakwald-av.
4. Felix J. Wengierski.....	3137 S. Morgan-st.
5. Philip Gollner.....	33d-st. and Archer-av.
6. Walter Clyde Jones.....	5541 Woodlawn-av.
7. Charles E. Merriam.....	6041 Lexington-av.
8. Charles Ringer.....	7716 Saginaw-av.

THE ROCKEFELLER FUND OF THE GENERAL EDUCATION BOARD.

Organized Feb. 27, 1902.

Chairman—Frederick T. Gates.

Secretary—Wallace Buttrick.

Assistant secretary—E. C. Sage.

Treasurer—L. G. Myers.

Members of Board—Frederick T. Gates, Robert C. Ogden, Walter H. Page, J. D. Rockefeller, Jr., Albert Shaw, Wallace Buttrick, Starr J. Murphy, Edwin A. Alderman, Hollis B. Frissell, Harry Pratt Judson, Charles W. Eliot, Andrew Carnegie, Edgar L. Marston, Wickliffe Rose, Jerome D. Greene, Anson Phelps Stokes, Jr.

Offices—54 William street, New York, N. Y.

The general education board was informally organized Feb. 27, 1902, at the suggestion of John D. Rockefeller's committee on benevolence and was given a charter by congress and formally organized in January, 1903. The plan was designed and adapted to assist Mr. Rockefeller in distributing his gifts to education and to afford a medium through which other men of means might contribute to the same end. The board, a few days after its initial meeting, received from Mr. Rockefeller

9. A. C. Bass.....	58 W. 110th-pl.
10. John Siman.....	710 Washington-bd.
11. August Krueger.....	1810 N. Albany-av.
12. Dr. Fred Formanek.....	1333 S. California-av.
13. L. G. Ross.....	3809 Polk-st.
14. William F. Gailling.....	400 Trumbull-av.
15. James Heyn.....	815 N. Winchester-av.
16. William Geldzinski.....	1238 Noble-st.
17. Charles J. Ryberg.....	715 N. Ashland-av.
18. John R. Swift.....	25 Honore-st.
19. Guy C. Crapple.....	549 Taylor-av.
20. Harry Fiddleke.....	302 S. Wabash-av.
21. Thomas J. Graydon.....	159 N. State-st.
22. Charles J. Barmelster.....	1424 Larrabee-st.
23. Dr. Albert E. Palmer.....	2658 Seminary-av.
24. A. L. Sage.....	2224 Clybourn-av.
25. C. M. Modewell.....	5944 Winthrop-av.
26. A. F. Nusser.....	4703 Winchester-av.
27. C. R. Bechtel.....	3240 N. Troy-st.
28. J. M. Dempsey.....	2500 N. Mozart-st.
29. William LaBatt.....	6215 Wabash-av.
30. J. T. Simpson.....	728 W. 51st-st.
31. E. L. Du Charm.....	5653 Normal-bd.
32. Willis E. Thorne.....	7400 Harvey-av.
33. Henry Nelson.....	154 W. Randolph-st.
34. Robert F. Kolb.....	2120 Millard-av.

COUNTRY DISTRICTS.

1. Frank J. Grattan.....	Harvey
2. Charles L. Anderson.....	Morgan Park
3. Sherman M. Booth.....	Glencoe
4. B. F. Hales.....	Oak Park
5. C. DeWitt Taylor.....	Palatine
6. Harold L. Ickes.....	Evanston

WOMEN'S COUNTY CENTRAL COMMITTEE.

Mrs. Raymond Robins.....	Room 412 Hotel LaSalle
Mrs. Frederic C. Bartlett.....	2901 Prairie-av.
Mrs. Thomas W. Allinson.....	701 W. 14th-pl.
Mrs. John F. Bass.....	743 Lincoln Park-bd.
Mrs. Kellogg Fairbank.....	1225 N. State-st.
Miss Anna Nicholes.....	Women's City club
Miss Jane Addams.....	Hull House, 800 S. Halsted-st.
Mrs. Harold L. Ickes.....	Evanston, Ill.
Miss Mary McDowell.....	University of Chicago Settlement
Mrs. Charles E. Merriam.....	6041 Lexington-av.

COOK COUNTY DELEGATE COMMITTEE OF THE SOCIALIST PARTY.

Headquarters—205 W. Washington-st., third floor.
Chairman—G. T. Franckel, 127 N. Dearborn-st.
Secretary—James P. Larsen, 205 W. Washington-st.
Managing Committee—A. C. Harms, William Behrens, F. A. Kralh, J. N. Davis, H. W. Harris, C. W. Shaw, Vincent Verde.

the sum of \$1,000,000, the use of which was to be confined to the study and promotion of education in the southern states.

June 30, 1905, the board was notified that Mr. Rockefeller would donate \$10,000,000, the principal of which was to be held in perpetuity as a foundation for education, the income to be used for the benefit of institutions of learning in such manner as might be deemed best adapted to promote a comprehensive system of higher education in the United States. In 1907 Mr. Rockefeller gave the board \$32,000,000 and in 1909 added \$10,000,000 more to the fund. The board was authorized to distribute the principal of the fund, and all other endowment funds hitherto contributed by Mr. Rockefeller, whenever in the discretion of the members or their successors it should be deemed advisable to do so.

The charter of the board provides that the object of the corporation shall be "the promotion of education within the United States of America, without distinction of race, sex or creed."

HEIGHT OF SOME FAMOUS STRUCTURES.

Structure.	Feet.	Structure.	Feet.	Structure.	Feet.	Structure.	Feet.
Amlens cathedral.....	353	Cologne cathedral.....	512	Milan cathedral.....	360	St. Peter's, Rome.....	433
Bunker Hill mon't.....	221	Effel tower.....	984	Pyramid, Great.....	451	Strassburg cathedral.....	465
Capitol, Washington.....	293	Florence cathedral.....	337	Rouen cathedral.....	464	St. Stephen's, Vienna.....	470
City hall, Phila.....	535	Fribourg cathedral.....	336	St. Paul's, London.....	404	Washington mon't.....	556

DISTANCES BETWEEN AMERICAN CITIES.

By the shortest usually traveled railroad routes. Compiled from the war department's official table of distances.

FROM	New York.	Chicago.	Phila- delphia.	St. Louis.	Boston.	Baltimore.	Cleveland.	Buffalo.	San Fran- cisco.	Pitts- burgh.	Cincin- nati.	Milwa- ukee.	New Or- leans.	Washing- ton.	Minnea- polis.
To	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.
Albany.....	145	322	236	1,022	802	688	400	237	3,106	567	493	724	917	1,517	1,282
Albany.....	878	733	785	61	1,106	688	493	736	919	800	492	818	492	818	1,155
Baltimore.....	188	802	97	934	418	.....	474	398	3,076	334	503	.....	1,184	40	1,122
Boston.....	217	1,034	321	1,230	.....	418	682	499	3,076	674	926	.....	1,119	1,602	458
Buffalo.....	442	526	416	731	499	398	183	.....	2,739	270	427	610	1,256	438	945
Chicago.....	912	.....	821	234	1,034	802	357	525	2,274	468	298	85	912	790	420
Cincinnati.....	757	298	666	941	926	593	244	427	2,572	313	.....	383	829	553	718
Cleveland.....	584	357	495	548	682	474	.....	183	2,651	155	244	442	1,073	437	777
Columbus, O.....	637	314	546	428	530	511	138	321	2,588	186	116	339	935	471	734
Detroit.....	1,934	1,022	1,643	916	2,056	1,850	1,379	1,537	3,771	1,490	1,257	1,107	1,347	1,810	884
Duluth.....	693	272	689	488	750	649	1,773	251	2,546	321	253	337	1,092	655	692
El Paso.....	1,391	479	1,300	728	1,513	1,281	701	1,004	2,238	947	777	422	1,447	1,239	1,021
Galveston.....	2,310	1,465	2,129	1,245	2,414	2,179	1,703	1,915	2,157	1,896	1,586	1,550	1,195	2,139	1,521
Grand Rapids, Mich.....	1,792	1,144	1,091	800	2,012	1,594	1,408	1,591	2,157	1,481	1,157	1,229	410	1,554	1,340
Helena.....	821	178	815	462	878	796	332	379	2,452	462	308	263	1,040	794	598
Indianapolis.....	2,452	1,540	2,361	1,549	2,574	2,342	1,897	2,065	1,250	2,008	1,888	1,455	2,152	2,320	1,019
Jacksonville, Fla.....	825	153	734	240	935	704	283	366	2,567	381	111	268	888	664	614
Kansas City.....	983	1,097	882	975	1,213	795	1,095	1,193	3,098	1,057	841	1,182	616	755	1,517
Los Angeles.....	1,342	458	1,251	277	1,496	1,211	755	967	1,981	898	618	543	890	1,171	673
Louisville.....	1,349	2,265	3,058	2,084	3,273	3,018	2,562	2,774	475	2,705	2,425	2,350	2,007	2,978	2,701
Memphis.....	871	304	790	274	1,040	703	358	541	2,468	427	114	389	778	663	724
Milwaukee.....	1,157	527	1,066	311	1,887	969	738	921	2,439	807	494	612	396	929	897
Minneapolis.....	997	85	906	869	1,119	857	442	610	2,359	553	383	.....	997	875	335
Mobile.....	1,352	420	1,241	586	1,454	1,222	777	945	2,696	888	718	335	1,285	1,210	.....
Montreal.....	1,281	829	1,164	947	1,461	1,047	1,087	1,633	2,696	888	718	335	1,285	1,210	.....
Newark, N. J.....	386	841	477	1,051	330	574	623	434	3,115	704	896	926	1,855	614	1,233
New Haven.....	9	903	82	1,056	236	179	575	405	3,177	435	74	828	1,333	219	.....
New Orleans.....	76	980	167	1,411	140	264	628	445	3,254	520	883	1,065	1,448	304	1,400
New York.....	1,372	912	1,281	699	1,602	1,184	1,073	1,256	4,382	1,142	829	997	.....	1,144	1,285
Ogden.....	2,496	1,494	2,315	1,414	2,528	2,296	1,851	2,019	790	1,962	1,732	1,579	1,891	2,284	1,312
Omaha.....	1,405	436	1,314	413	1,527	1,245	1,750	1,018	1,781	961	791	578	1,080	1,233	381
Philadelphia.....	81	871	.....	474	324	97	876	1,068	3,045	353	696	906	1,281	137	1,241
Pittsburgh.....	444	468	353	621	674	334	135	270	1,442	313	.....	914	1,003	322	.....
Portland, Me.....	332	1,149	496	1,345	115	533	797	614	3,423	789	1,041	1,234	1,717	573	1,569
Portland, Ore.....	3,204	2,292	3,113	2,212	3,326	3,094	2,649	2,817	772	2,700	2,540	2,378	2,476	3,082	2,042
Providence.....	190	1,034	281	1,230	45	378	682	499	3,308	634	926	1,119	1,562	418	1,454
Quebec.....	530	1,013	621	1,343	402	718	795	612	3,287	876	1,039	1,008	1,827	796	1,433
Richmond, Va.....	343	879	252	918	573	155	553	553	3,153	417	581	964	1,046	115	1,299
Rochester, N. Y.....	873	603	861	799	430	354	261	68	2,877	338	485	688	1,324	394	1,023
St. Joseph, Mo.....	1,382	470	1,301	327	1,474	1,248	875	1,068	1,867	968	693	555	941	1,221	.....
St. Louis.....	1,065	284	974	.....	1,230	934	543	731	1,294	621	841	339	629	894	585
St. Paul.....	1,322	410	1,231	576	1,444	1,212	767	935	2,088	878	708	325	1,275	1,200	10
San Antonio.....	1,943	1,204	1,852	920	2,150	1,755	1,468	1,651	1,911	1,541	1,217	1,289	571	1,715	1,320
San Francisco.....	3,196	2,274	3,095	2,194	3,308	3,076	2,631	2,739	.....	2,742	2,572	2,359	2,482	3,064	2,006
Seattle.....	3,151	2,239	3,060	2,332	3,273	2,941	2,596	2,764	967	2,707	2,537	2,154	2,991	3,029	1,818
Spokane.....	2,812	1,900	2,721	1,932	2,934	2,702	2,257	2,425	1,205	2,368	2,198	1,815	2,585	2,680	1,479
Springfield, Mass.....	159	935	250	1,131	99	327	583	400	3,219	553	827	1,020	1,511	367	1,355
Tampa, Fla.....	1,195	1,300	1,404	1,157	1,425	1,007	1,297	1,405	3,310	1,239	1,053	1,394	828	967	1,729
Toledo.....	705	244	615	437	795	565	113	296	2,518	281	203	320	1,082	585	664
Washington.....	228	790	137	894	458	40	437	438	3,064	302	553	875	1,144	.....	1,210

DISTANCES TO PRINCIPAL SEAPORTS.

Nautical miles from New York, New Orleans, San Francisco and Port Townsend by shortest all-water routes. From "Transportation Routes and Systems of the World," by O. P. Austin of the bureau of statistics, Washington, D. C.

Port.	New York.	New Orleans.	San Francisco.	Port Townsend.
Aden.....	6,532	7,870	11,500	11,300
Antwerp.....	3,325	4,853	13,671	14,446
Batavia.....	10,182	11,598	7,800	7,600
Bombay.....	8,120	9,536	9,730	9,590
Buenos Aires.....	2,954	4,453	13,209	13,984
Calcutta.....	5,363	6,313	7,511	8,286
Callao.....	9,830	11,239	8,990	8,896
Cape Town.....	9,603	10,142	4,012	4,789
Colon.....	6,815	7,374	10,454	11,229
Colombo.....	8,610	10,146	8,900	8,700
Colon.....	1,981	1,880	*3,234	*4,990
Gibraltar.....	3,207	4,676	12,734	13,509
Hamburg.....	3,655	5,243	13,998	14,773
Havana.....	1,227	597	12,900	13,675
Hongkong.....	8,169	4,769	13,307	14,092
Hongkong.....	11,610	12,892	6,086	5,886
Honolulu.....	13,269	13,719	2,097	2,370
Liverpool.....	3,053	4,553	13,503	14,273
Manila.....	11,556	12,946	6,289	5,993
Marseilles.....	3,376	5,265	13,324	14,099

Port.	New York.	New Orleans.	San Francisco.	Port Townsend.
Melbourne.....	12,670	12,933	7,040	7,311
Naples.....	4,172	5,562	13,699	14,474
New Orleans.....	1,741	.....	13,539	14,298
New York.....	.....	1,741	13,093	13,849
Nome.....	15,340	16,249	2,705	2,354
Odessa.....	5,370	6,780	14,397	15,672
Pernambuco.....	3,696	3,969	9,439	10,214
Port Said.....	5,122	6,569	12,810	12,610
Port Townsend.....	13,848	14,298	776	.....
Punta Arenas.....	6,890	7,345	6,899	6,965
Panama.....	2,023	*1,427	3,277	4,052
Rio de Janeiro.....	4,778	5,218	8,339	9,115
San Francisco.....	13,089	13,589	.....	774
St. Petersburg.....	4,632	6,223	14,960	15,730
San Juan, P. R.....	1,423	1,539	12,199	12,974
Singapore.....	10,170	11,560	7,502	7,206
Sitka.....	14,391	14,841	1,302	732
Shanghai.....	12,360	13,710	5,550	5,290
Tehuantepec.....	12,036	12,812	12,189	12,954
Valparaiso.....	8,460	8,733	5,140	5,920
Vladivostok.....	17,036	17,445	4,706	4,337
Wellington.....	11,500	11,773	5,909	6,415
Yokohama.....	13,040	14,471	4,535	4,240

*Via Panama canal. †Approximately. ‡Eastern end of railroad. §Western end.

NATIONAL FORESTS OF THE UNITED STATES.

[From reports of the forest service.]

ARIZONA.			Forest.	Proclamation effective.	Acres.
Apache	Sept. 26, 1910	1,625,000	Mindoka	May 6, 1910	539,050
Chiricahua	July 1, 1910	360,000	Nex Perce	July 1, 1908	1,851,500
Cocconino	July 1, 1910	1,634,000	Palisade	July 1, 1910	301,300
Coronado	July 1, 1910	611,000	Payette	July 1, 1908	865,000
Crook	Sept. 26, 1910	1,025,000	Pen d'Oreille	May 6, 1910	858,000
Dixie	Feb. 10, 1909	606,200	Pocastello	Feb. 18, 1911	281,745
Garces	April 21, 1910	535,500	Salmon	July 1, 1908	1,635,500
Kaibab	Aug. 23, 1910	1,091,600	Sawtooth	July 1, 1908	1,320,000
Prescott	Oct. 7, 1910	1,572,000	Targhee	July 1, 1910	738,000
Sitgreaves	Aug. 24, 1910	1,615,000	Weiser	July 1, 1908	756,000
Tonto	Sept. 26, 1910	2,156,000	Total		19,643,355
Tusayan	July 1, 1910	1,806,000	KANSAS.		
Zuni	June 3, 1911	305,200	Kansas	May 15, 1908	303,937
Total		14,898,000	MICHIGAN.		
ARKANSAS.			Marquette	Feb. 10, 1909	31,843
Arkansas	Sept. 26, 1910	1,262,390	Michigan	Feb. 11, 1909	131,928
Ozark	Dec. 28, 1910	963,500	Total		163,771
Total		2,225,890	MINNESOTA.		
CALIFORNIA.			Minnesota	May 23, 1908	294,750
Angeles	Nov. 25, 1910	1,265,300	Superior	Feb. 13, 1909	910,000
California	Oct. 12, 1910	1,061,000	Total		1,204,750
Cleveland	Dec. 16, 1910	2,220,800	MONTANA.		
Crater	July 1, 1908	61,100	Absarook	July 1, 1908	1,000,900
Eldorado	July 28, 1910	835,800	Beartooth	July 1, 1908	686,000
Inyo	Feb. 23, 1911	1,337,780	Beaverhead	July 1, 1910	1,365,000
Kern	June 30, 1911	1,934,275	Bitterroot	July 1, 1908	1,155,500
Klamath	Nov. 3, 1910	2,122,100	Blackfeet	July 1, 1908	1,062,800
Lassen	Dec. 30, 1910	1,397,000	Cabinet	July 1, 1908	1,030,000
Modoc	Dec. 23, 1910	1,578,200	Custer	July 2, 1908	590,700
Mono	June 30, 1911	883,150	Deerlodge	July 1, 1910	964,000
Monterey	Dec. 12, 1910	501,150	Flathead	July 1, 1908	2,090,000
Plumas	July 28, 1910	1,433,600	Gallatin	July 1, 1908	907,000
Santa Barbara	July 1, 1910	2,348,200	Helena	July 1, 1908	936,000
Sequoia	July 1, 1910	1,220,000	Jefferson	July 2, 1908	1,249,000
Shasta	Dec. 16, 1910	1,578,200	Kootenai	July 1, 1908	1,660,000
Sierra	July 1, 1910	1,743,000	Lewis and Clark	July 1, 1908	823,000
Siskiyou	July 1, 1908	40,500	Lolo	Nov. 6, 1906	1,206,000
Stanislaus	Oct. 12, 1910	1,136,500	Madison	July 1, 1908	1,104,000
Tahoe	July 28, 1910	1,210,500	Missoula	July 1, 1908	1,335,000
Trinity	Dec. 16, 1910	1,827,300	Sioux	Feb. 15, 1909	145,200
Total		27,735,455	Total		19,305,100
COLORADO.			NEBRASKA.		
Arapahoe	Sept. 26, 1910	762,000	Nebraska	July 2, 1908	556,700
Battlement	May 6, 1910	746,300	NEVADA.		
Cochetopa	June 9, 1910	920,300	Eldorado	July 28, 1910	400
Colorado	July 1, 1910	679,200	Humboldt	March 8, 1911	1,153,397
Gunnison	June 9, 1910	952,200	Inyo	Feb. 23, 1911	75,320
Hayden	Aug. 8, 1910	75,700	Moapa	Jan. 21, 1909	390,500
Holy Cross	Dec. 16, 1910	605,700	Mono	June 30, 1911	483,290
LaSal	March 16, 1909	30,500	Nevada	Feb. 10, 1909	1,221,000
Leadville	Aug. 10, 1910	1,085,000	Santa Rosa	April 1, 1911	301,360
Montezuma	Aug. 15, 1910	812,100	Tahoe	July 28, 1910	61,970
Pike	Aug. 10, 1910	1,323,000	Toiyabe	Dec. 10, 1910	1,963,100
Rio Grande	Aug. 15, 1910	1,221,300	Total		5,650,347
Routt	Aug. 24, 1910	936,100	NEW MEXICO.		
San Isabel	May 27, 1910	651,200	Alamo	Oct. 20, 1910	1,290,700
San Juan	Aug. 15, 1901	1,449,000	Carson	Aug. 24, 1910	1,522,400
Sopris	Dec. 16, 1910	856,000	Chiricahua	July 1, 1910	128,000
Uncompahgre	June 10, 1910	894,300	Datil	June 7, 1910	2,955,000
White River	May 6, 1910	962,000	Gila	May 9, 1910	1,600,000
Total		14,761,900	Jemez	Aug. 24, 1910	880,000
FLORIDA.			Lincoln	May 16, 1910	636,000
Choctawhatchee	Nov. 27, 1908	467,690	Mauzano	July 1, 1910	600,500
Ocala	Nov. 24, 1908	207,280	Pecos	April 20, 1910	715,500
Total		674,970	Zuni	June 3, 1911	783,200
IDAHO.			Total		11,111,300
Beaverhead	July 1, 1910	92,000	NORTH DAKOTA.		
Boise	Dec. 24, 1910	1,107,000	Dakota	Nov. 24, 1908	13,920
Cache	July 1, 1908	277,000	OKLAHOMA.		
Caribou	May 6, 1910	695,000	Wichita	Oct. 13, 1910	61,640
Challis	July 1, 1908	1,194,000	OREGON.		
Clearwater	July 1, 1908	2,747,500	Cascade	July 1, 1908	1,798,600
Cœur d'Alene	May 6, 1910	1,571,000	Crater	July 1, 1908	1,105,500
Idaho	July 1, 1908	1,212,000			
Kaniksus	May 6, 1910	465,260			
Lemhi	July 1, 1910	1,136,500			

Forest.	Proclamation effective.	Acres.
Deschutes	May 20, 1910	1,402,800
Fremont	July 14, 1908	1,263,000
Malheur	May 21, 1910	1,202,600
Oregon	July 1, 1908	1,819,200
Siskiyou	July 1, 1908	1,310,000
Siuslaw	July 1, 1908	321,000
Umatilla	May 20, 1910	470,800
Umpqua	July 1, 1908	1,712,500
Wallowa	May 27, 1910	1,546,000
Wenaha	May 27, 1910	472,000
Whitman	May 21, 1910	1,225,400
Total		16,148,900

SOUTH DAKOTA.

Black Hills.....	Feb. 15, 1909	1,184,300
Sioux	Feb. 15, 1909	103,400
Total		1,287,700

UTAH.

Ashley	Oct. 7, 1910	992,100
Cache	July 1, 1908	254,900
Dixie	Feb. 10, 1909	460,800
Fillmore	July 1, 1908	578,500
Fishlake	March 30, 1911	668,590
LaSal	March 16, 1909	440,000
Manti	April 25, 1907	784,000
Minidoka	May 6, 1910	92,280
Nebo	July 1, 1910	281,400
Pocaticello	Feb. 18, 1911	10,815
Powell	Sept. 26, 1910	704,700
Sedler	Dec. 23, 1910	804,000
Uinta	Oct. 7, 1910	1,236,500
Wasatch	July 1, 1910	309,000
Total		7,667,585

Forest.	Proclamation effective.	Acres.
Chelan	Dec. 10, 1910	2,328,000
Columbia	July 1, 1908	942,200
Colville	May 9, 1910	816,000
Kanitsu	May 6, 1910	370,480
Olympic	March 2, 1907	1,652,000
Rahner	May 6, 1910	1,618,000
Snoqualmie	July 1, 1908	998,000
Washington	July 1, 1908	1,490,000
Wenaha	May 27, 1910	320,000
Wenatchee	July 1, 1910	1,157,000
Total		11,684,680

WYOMING.

Ashley	Oct. 7, 1910	6,060
Bighorn	July 2, 1908	1,136,200
Bonneville	July 1, 1908	1,610,000
Caribou	May 6, 1910	7,360
Hayden	Aug. 8, 1910	366,770
Medicine Bow	July 1, 1910	511,382
Palisade	July 1, 1910	256,200
Shoshone	July 1, 1908	1,609,000
Sundance	Dec. 16, 1910	179,121
Targhee	July 1, 1910	85,450
Teton	July 1, 1908	2,014,000
Wyoming	July 1, 1908	912,000
Total		8,693,543
Total 150 national forests		163,798,443

ALASKA.

Chugach	Oct. 28, 1910	11,267,850
Tongass	Feb. 16, 1909	15,481,000
Total		26,748,850

PORTO RICO.

Luquillo	Jan. 17, 1903	65,950
Grand total 153 national forests		190,608,243

RAILWAY SPEED IN AMERICA.

FAST REGULAR RUNS.

New York Central—Between Chicago and New York, 960 miles, in 18 hours; average speed, including stops, 53.3 miles an hour. (Summer schedule.)
 Pennsylvania—Between Chicago and New York, 908 miles, in 18 hours; average speed, including stops, 50.4 miles an hour. (Summer schedule.)

FAST SPECIAL RUNS—SHORT DISTANCES.

May, 1833—New York Central, 1 mile at rate of 112.5 miles an hour.
 August, 1895—Pennsylvania, 5.1 miles at rate of 102 miles an hour.
 January, 1899—Burlington, 2.1 miles at rate of 108 miles an hour.
 March, 1901—Plant system, 5 miles at rate of 120 miles an hour.
 January, 1903—New York Central, 7.29 miles at rate of 139.35 miles an hour.
 April, 1904—Michigan Central, 3.73 miles at rate of 111.90 miles an hour.
 July, 1904—Philadelphia & Reading, 4.8 miles at rate of 116.20 miles an hour.

FAST SPECIAL RUNS—LONG DISTANCES.

June 13, 1905—Lake Shore road, Chicago to Buffalo, 526 miles, in 453 minutes; average speed, deducting time for stops, 70.9 miles an hour.
 July 9-11, 1905—"Death Valley" Scott's special, Los Angeles, Cal., to Chicago, Ill., 2,415 miles, in 44 hours and 54 minutes; average speed, deducting stops, 51 miles an hour.
 October, 1905—Harriman special, Oakland, Cal., to Jersey City, N. J., 3,389 miles, in 73 hours 13 minutes; average speed, 44.30 miles an hour.
 Oct. 24, 1905—Pennsylvania road, 257 miles from Crestline, O., to Clark Junction, Ind., in 3 hours 27 minutes; average speed, 74.55 miles an hour.
 May, 1906—Harriman special, Oakland, Cal., to

New York, N. Y., in 71 hours and 27 minutes; average speed, 45.30 miles an hour.
 March 27-28, 1909—Frank Vanderlip special on New York Central lines, New York to Chicago, 955 miles, in 15 hours 43 minutes; average, excluding stops, 62.45 miles an hour; some stretches made at rate of 115 miles an hour.
 February, 1911—Charles G. Gates special, Yuma, Ariz., to New York, N. Y., 2,787 miles, in 74 hours 19 minutes; average speed, including all stops, 40.41 miles an hour.

RAILWAY SPEED IN UNITED KINGDOM.

FASTEST REGULAR RUNS.

North Eastern—Darlington to York, 44½ miles, in 43 minutes; average speed, 61.7 miles an hour.
 Caledonian—Forfar to Perth, 32½ miles, in 32 minutes; average speed, 60.9 miles an hour.
 Great Central—Woodford to Leicester, 34 miles, in 34 minutes; average speed, 60 miles an hour.
 Great Western—Paddington to Bristol, 118½ miles, in 4 hours; average speed 59.1 miles an hour.
 Great Northern—Peterborough to King's Cross, 76½ miles, in 1 hour 19 minutes; average speed, 53 miles an hour.
 Midland—Kettering to Bedford, 22½ miles, in 23 minutes; average speed, 58 miles an hour.
 LONGEST NONSTOPPAGE RUNS.
 Great Western—Paddington to Plymouth, 225½ miles, in 4 hours 7 minutes; average speed, 54.3 miles an hour.
 London & North Western—Euston to Rhyl, 209½ miles, in 3 hours 57 minutes; average speed, 52.3 miles an hour.
 Midland—St. Pancras to Shipley, 206½ miles, in 4 hours 5 minutes; average speed, 50.5 miles an hour.
 Great Northern—Wakefield to King's Cross, 175 miles, in 3 hours 5 minutes; average speed, 57 miles an hour.

COAST LINE OF THE UNITED STATES.

In nautical miles.

Atlantic coast.....	1,773	Hawaiian islands.....	628	Western rivers.....	4,344
Gulf coast.....	1,607	Guam.....	80	Total	17,539
Porto Rico.....	269	Midway.....	20	Philippines	11,444
Pacific coast.....	1,571	Samoa islands.....	53	Grand total.....	28,983
Alaska.....	4,123	Northern lakes and rivers.....	3,041		

RAILROADS OF THE UNITED STATES.

OPERATING STATISTICS OF PRINCIPAL SYSTEMS.

Fiscal year ended June 30, 1912.

Railroad.	Mileage operated.	Operating revenues.	Operating expenses.	Taxes.	Operating income.
Atchison, Topeka & Santa Fe.....	8,201	\$89,556,247	\$32,190,081	\$3,556,070	\$28,633,961
Atlantic Coast Line.....	4,560	33,463,558	22,541,583	1,399,395	9,522,580
Baltimore & Ohio.....	4,455	92,594,323	64,709,538	2,984,948	24,233,197
Boston & Maine.....	2,244	45,990,364	35,087,295	2,086,863	8,956,628
Central of New Jersey.....	672	25,887,738	15,348,779	1,502,670	9,046,382
Chesapeake & Ohio.....	2,887	34,289,870	22,635,681	1,014,220	10,645,030
Chicago & Alton.....	1,025	14,535,722	10,885,200	461,656	3,154,294
Chicago & Eastern Illinois.....	1,275	15,215,513	10,899,752	426,593	3,857,758
Chicago & Northwestern.....	7,960	73,698,592	52,701,844	3,422,838	17,540,872
Chicago, Burlington & Quincy.....	9,075	86,723,068	60,646,949	3,303,058	22,650,360
Chicago Great Western.....	1,496	12,795,242	10,006,223	406,725	2,380,529
Chicago, Indiana & Southern.....	359	5,875,556	3,174,857	153,099	651,270
Chicago, Indianapolis & Louisville.....	617	6,503,653	4,775,217	1,450,296	5,679,445
Chicago, Milwaukee & Puget Sound.....	2,059	16,132,612	9,512,028	1,053,253	5,567,331
Chicago, Milwaukee & St. Paul.....	7,511	63,122,743	47,743,156	2,868,710	12,532,345
Chicago, Rock Island & Pacific.....	7,566	61,871,393	44,886,017	2,668,178	14,123,442
Chicago, St. Paul, Minneapolis & Omaha.....	1,748	15,135,426	10,466,216	782,846	3,881,631
Cincinnati, Hamilton & Dayton.....	1,015	9,861,321	7,317,253	397,675	2,146,393
Cleveland, Cincinnati, Chicago & St. Louis.....	2,012	30,700,844	22,738,504	1,152,512	6,775,859
Colorado & Southern.....	1,073	8,137,816	5,619,197	326,871	2,175,379
Delaware & Hudson.....	854	21,242,929	12,966,950	594,322	7,713,431
Delaware, Lackawanna & Western.....	959	35,492,527	22,994,062	2,014,640	10,935,090
Denver & Rio Grande.....	2,656	28,280,405	16,984,518	877,000	5,996,260
Duluth, South Shore & Atlantic.....	623	5,152,475	2,395,161	217,417	643,255
El Paso & Southwestern.....	902	7,615,556	4,499,416	278,051	2,777,874
Elgin, Joliet & Eastern.....	841	10,720,751	6,171,241	225,359	4,294,151
Eric.....	1,988	48,438,095	33,022,262	1,682,559	15,474,114
Florida East Coast.....	630	4,432,304	3,117,081	186,560	1,123,294
Galveston, Harrisburg & San Antonio.....	1,338	10,789,689	8,476,036	457,280	1,796,748
Great Northern.....	7,483	66,160,622	37,610,569	3,486,572	25,179,540
Gulf, Colorado & Santa Fe.....	1,596	12,111,537	9,354,447	474,695	2,282,395
Hocking Valley.....	353	7,303,679	4,579,042	414,188	2,310,449
Houston & Texas Central.....	789	5,877,735	4,938,795	262,145	660,333
Illinois Central.....	4,755	58,727,272	48,121,466	2,685,730	7,812,717
International & Great Northern.....	1,860	8,538,875	6,154,006	252,500	2,126,738
Kansas City Southern.....	1,227	9,272,359	6,332,839	410,369	2,529,651
Lake Erie & Western.....	1,829	5,650,214	4,281,653	255,032	1,023,619
Lake Shore & Michigan Southern.....	1,775	50,861,873	31,980,102	1,703,940	16,981,162
Lehigh Valley.....	1,452	36,905,935	24,720,250	1,451,311	10,448,135
Long Island.....	399	10,752,424	8,037,092	660,021	2,734,774
Louisville & Nashville.....	4,428	56,211,788	39,626,327	1,854,684	14,729,698
Maine Central.....	1,204	10,643,051	7,690,846	530,223	2,422,609
Michigan Central.....	1,817	31,342,468	21,138,346	1,378,371	8,852,997
Minneapolis & St. Louis.....	1,586	7,954,116	6,174,028	336,379	1,443,303
Minneapolis, St. Paul & Sault Ste. Marie.....	3,773	26,263,996	15,882,728	1,541,917	8,919,033
Missouri, Kansas & Texas.....	1,744	16,441,970	10,774,649	701,005	4,947,705
Missouri Pacific.....	3,918	24,401,135	21,093,605	1,110,958	2,146,585
Mobile & Ohio.....	1,114	11,207,732	8,167,152	309,565	2,719,095
Nashville, Chattanooga & St. Louis.....	2,230	12,662,675	9,378,871	305,506	2,667,031
New York Central & Hudson River.....	3,597	104,597,379	76,080,461	5,909,322	22,878,325
New York, New Haven & Hartford.....	2,990	64,835,065	42,104,018	3,792,872	20,424,330
New York, Chicago & St. Louis.....	563	11,592,474	8,266,758	388,675	2,965,282
New York, Ontario & Western.....	566	5,827,944	6,508,541	221,926	1,764,066
Norfolk & Western.....	2,018	39,735,237	25,669,430	1,410,000	12,635,398
Northern Pacific.....	6,032	64,423,947	38,158,517	3,739,079	21,839,101
Oregon Short Line.....	1,762	20,695,358	10,340,612	1,184,465	9,161,136
Oregon, Washington Railroad and Navigation Co.....	1,920	16,298,682	10,878,279	1,143,167	4,264,164
Pennsylvania Company.....	1,760	54,970,902	38,891,812	2,389,030	13,668,903
Pennsylvania Railroad Company.....	4,021	164,191,846	118,098,295	7,021,031	37,621,388
Pere Marquette.....	2,330	16,476,428	13,408,804	667,704	2,524,743
Philadelphia & Reading.....	1,015	44,476,525	28,516,878	1,056,994	15,207,813
Philadelphia, Baltimore & Washington.....	713	19,297,502	15,006,878	599,794	3,690,830
Pittsburgh, Cincinnati, Chicago & St. Louis.....	1,468	40,756,701	29,433,525	1,522,473	9,790,598
St. Louis & San Francisco.....	4,742	39,618,183	26,611,473	1,912,936	11,093,779
St. Louis, Iron Mountain & Southern.....	8,515	30,102,115	20,186,987	1,132,422	8,711,840
St. Louis Southwestern.....	1,137	9,124,474	6,424,954	330,135	2,781,454
San Pedro, Los Angeles & Salt Lake.....	7,090	63,590,329	42,606,236	2,452,328	17,506,519
Southern.....	6,301	90,621,090	59,128,582	4,309,577	34,489,944
Southern Pacific.....	1,885	16,973,223	13,308,296	728,070	2,885,613
Texas & Pacific.....	3,575	47,186,056	27,314,429	2,041,156	17,794,104
Union Pacific.....	827	10,020,040	7,945,448	340,090	1,734,502
Vandalia.....	2,515	28,354,764	23,150,484	851,629	4,319,479
Wabash.....	935	5,258,532	4,229,864	185,234	807,272
Western Pacific.....	1,372	9,619,223	7,925,886	420,042	1,276,006
Yazoo & Mississippi Valley.....					

CRUDE STEEL PRODUCTION OF THE UNITED STATES.

Calendar year.	*Tons.	Calendar year.	*Tons.	Calendar year.	*Tons.	Calendar year.	*Tons.
1870.....	68,750	1902.....	14,947,250	1905.....	20,023,947	1908.....	14,023,247
1880.....	1,247,335	1903.....	14,534,978	1906.....	23,398,136	1909.....	23,955,021
1890.....	4,277,071	1904.....	13,859,597	1907.....	23,362,594	1910.....	26,094,919
1900.....	10,158,329						

*Tons of 2,240 pounds.

GENERAL STATISTICS OF AMERICAN RAILWAYS.

Year ended June 30, 1911.

Substantially complete returns were made to the interstate commerce commission for 246,124 miles of line operated, or 10,943 miles more than in 1910. At the close of the fiscal year there were 61,327 locomotives in service, an increase of 2,389 over the previous year. The total number cars of all kinds was 2,359,335, or 69,004 more than in 1910. The total number of persons reported as on the pay rolls of the steam roads on June 30, 1911, was 1,669,809, or an average of 678 per 100 miles of lines.

The par value of the amount of railway capital outstanding was \$1,208,935,081. This amount includes capital held by the railway companies as well as by the public. Of the total capital outstanding, there existed as stock \$8,470,717,611, of which \$7,074,917,559 was common and \$1,395,800,052 was preferred; the remaining part, \$10,738,217,470, representing funded debt.

The number of passengers carried was 997,409,882. The corresponding number for the year ended June 30, 1910, was 971,683,199. The number of passengers carried one mile, or the passenger mileage, was 33,201,694,699. The corresponding return for 1910 was 863,198,370 less.

The number of tons of freight carried was 1,781,637,954, while the corresponding figure for the previous year was 1,849,900,101, the decrease being 68,262,147 tons.

OPERATING REVENUES.

Freight revenue.....	\$1,925,950,887
Passenger revenue.....	657,638,291
Mail revenue.....	50,702,625
Express revenue.....	70,728,137
Excess baggage and milk revenue.....	15,430,683
Parlor, chair car and other revenue.....	5,274,450
Switching revenue.....	27,665,997
Special service train revenue.....	9,479,809
From operations other than transportation	24,707,757

Joint facilities revenue—Dr.....	647,247
Joint facilities revenue—Cr.....	2,833,280

Total operating revenues..... 2,789,761,669

OPERATING EXPENSES.

Maintenance of way and structures.....	366,025,262
Maintenance of equipment.....	428,367,306
Traffic expenses.....	59,166,364
Transportation expenses.....	957,382,108
General expenses.....	73,689,373
Unclassified.....	423,592

Total operating expenses..... \$1,915,054,005

SUMMARY OF OPERATING STATISTICS.

Fiscal year ended June 30, 1912. Increase

Account.	Amount.	Per mile.	Per amt.
Total opertg. revenues..	\$2,761,751,094	\$12.693	\$23 .2
Freight	1,898,891,722	8.665	32 .4
Passenger	640,261,100	2,922	*35 *1.2
Other transportation..	193,888,416	885	15 1.7
Nontransportation ...	28,679,856	131	11 9.3
Total opertg. expenses.	1,908,176,452	8,708	83 1.0
Maint. of way and structures	350,662,505	1,600	*25 *1.5
Maint. of equipment	437,212,899	1,995	45 2.3
Traffic	59,137,015	270	3 1.0
Transportation	992,190,435	4,528	62 1.4
General	68,973,593	315	*2 *5
Net operating revenue..	853,544,642	3,895	*60 *1.5
Outside oper., net rev..	488,539	2	...
Taxes	116,798,953	533	48 9.9
Net operating income..	737,239,228	3,364	*112 *3.2

*Decrease.

NOTE.—The figures in the above table are only for roads having annual operating revenues of \$1,000,000 or more.

RAILROAD ACCIDENTS.

For years ended June 30. Reported by interstate-commerce commission.

DERAILMENTS AND COLLISIONS.

	1911			1910			1909			1908		
	No.	Killed.	Injured.	No.	Killed.	Injured.	No.	Killed.	Injured.	No.	Killed.	Injured.
Collisions, rear.....	1,099	109	1,626	1,311	119	2,524	695	194	3,008	418	5	197
Collisions, butting.....	609	187	2,610	695	194	3,008	418	5	197	418	5	197
Collisions, train separating.....	370	7	163	3,437	115	2,236	3,437	115	2,236	3,437	115	2,236
Collisions, miscellaneous.....	3,572	133	2,695	5,861	433	7,765	5,861	433	7,765	5,861	433	7,765
Total collisions.....	5,605	436	6,994	5,861	433	7,765	5,861	433	7,765	5,861	433	7,765
Derailments due to:												
Defects of roadway, etc.....	1,225	57	1,560	1,115	42	1,337	1,115	42	1,337	1,115	42	1,337
Defects of equipment.....	2,824	64	689	2,734	40	636	2,734	40	636	2,734	40	636
Negligence of trainmen, signal men, etc.....	397	36	508	377	23	311	377	23	311	377	23	311
Unforeseen obstructions of track, etc.....	309	66	492	350	58	825	350	58	825	350	58	825
Malicious obstruction of track, etc.....	84	16	176	66	18	227	66	18	227	66	18	227
Miscellaneous causes.....	1,421	110	1,374	1,276	159	1,478	1,276	159	1,478	1,276	159	1,478
Total derailments.....	6,260	349	4,799	5,918	340	4,814	5,918	340	4,814	5,918	340	4,814
Total collisions and derailments.....	11,865	785	11,793	11,779	753	12,579	11,779	753	12,579	11,779	753	12,579
Damage to cars, engines, roadway.....			\$9,851,780			\$9,823,958			\$9,823,958			\$9,823,958
	1911.		1910.		1909.		1908.		1907.		1906.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Passengers—In train accidents.....	142	6,722	217	7,516	131	5,865	165	7,430	142	6,722	217	7,516
Other causes.....	214	6,711	204	6,240	204	6,251	241	5,215	214	6,711	204	6,240
Total passengers.....	356	13,433	421	13,756	335	12,116	406	12,645	356	13,433	421	13,756
Employees—In train accidents.....	632	6,775	715	6,791	520	4,877	642	6,818	632	6,775	715	6,791
In coupling accidents.....	209	2,966	206	2,985	161	2,353	239	3,121	209	2,966	206	2,985
Overhead obstructions, etc.....	78	1,523	96	1,377	76	1,229	110	1,353	78	1,523	96	1,377
Falling from cars, etc.....	588	13,346	586	13,196	481	10,259	668	11,735	588	13,346	586	13,196
Other causes.....	1,655	22,192	1,780	44,269	1,218	33,086	1,699	33,317	1,655	22,192	1,780	44,269
Total employees.....	3,163	46,802	3,383	68,618	2,456	51,804	3,358	56,344	3,163	46,802	3,383	68,618
Grand total.....	3,519	60,235	3,804	82,374	2,791	63,920	2,764	68,989	3,519	60,235	3,804	82,374

STARVED ROCK STATE PARK.

Under the terms of the act approved June 10, 1911, a tract of 290 acres, including the historic "Starved Rock" in LaSalle county, was purchased by the Illinois park commission Dec. 15, 1911, for

\$146,000, and was named the Starved Rock State park. It is situated on the south side of the Illinois river near Utica.

PULLMAN COMPANY STATISTICS.

[From interstate commerce commission's abstract of statistics of common carriers for year ended June 30, 1911.]

Average mileage (single track) over which operations were conducted (miles)..... 120,871

BALANCE SHEET.

Cost of property and equipment.....\$116,026,015
 Securities owned.....9,246,511
 Cash owned.....38,967
 Cash.....10,099,428
 Bills receivable.....13,004
 Due from agents and conductors.....416,876
 Due from companies and individuals.....1,522,938
 Materials and supplies.....3,606,638
 Sinking, insurance and other funds.....216,661
 Sundries.....6,104
 Total.....141,193,142

Capital stock.....120,000,000
 Audited vouchers and accounts.....2,208,703
 Wages and salaries.....576,126
 Dividends not called for.....14,592
 Matured interest coupons unpaid.....80
 Miscellaneous.....1,515,629
 Dividends accrued on capital stock.....1,572,947
 Reserve and adjustment accounts.....13,674,268
 Profit and loss.....1,630,797

INCOME ACCOUNT.

Car operating revenues.....35,697,582
 Car operating expenses.....25,916,476
 Net car operating revenue.....9,781,106

Outside operations—Revenues.....2,663,180
 Expenses.....1,142,968
 Net revenue from outside operations.....1,520,212

Total net revenue from operation.....11,301,318
 Taxes accrued.....830,172
 Operating income.....10,471,146

Hire of equipment—Credit balance.....90,823
 Dividends declared on stocks owned or controlled.....90,244
 Interest accrued on funded debt owned or controlled.....93,799
 Interest on other securities, loans and accounts.....780,644
 Total nonoperating income.....1,055,510

Gross income.....11,526,656
 Interest.....41,194
 Other deductions.....63,785
 Total deductions from gross income.....109,979

Net corporate income.....11,416,677
 Dividends on stock declared from income.....9,446,030
 Balance for year carried forward.....1,970,647

PROFIT AND LOSS ACCOUNT.

Balance for year brought forward from income.....1,970,647
 Miscellaneous credits during the year.....217,912
 Total credits during the year.....2,188,559

Miscellaneous charges during the year.... 520,294
 Net increase in surplus during the year 1,668,265
 Debit balance at beginning of year..... 37,468
 Balance at end of year.....1,630,797

OPERATING REVENUES.

Berth revenue.....31,415,913
 Seat revenue.....5,585,556
 Charter of cars.....601,498
 Miscellaneous revenue.....118,894
 Association and contract revenue—Dr.....2,024,379
 Total operating revenues.....35,697,582

OPERATING EXPENSES.

Maintenance.....14,320,497
 Conducting car operations.....10,682,957
 General expenses.....913,022
 Total operating expenses.....25,916,476

EMPLOYES AND SALARIES.

Class.	Av. daily No.	pay.
Mechanics, electricians, seamstresses, repairmen, etc.....	450	\$2.16
General office and staff (superintendence).....	65	4.08
Division superintendents and staff.....	62	3.73
District superintendents and staff.....	1,231	2.30
Conductors.....	2,274	2.82
Porters.....	6,317	1.04
Train stenographers.....	8	2.31
Car cleaners.....	3,864	1.56
General officers.....	23	22.30
Clerks and attendants.....	542	2.17
Commissary (general offices).....	12	3.64
Agents and staff, conductors, waiters, cooks, etc.....	176	1.78
Total (including general officers).....	15,024	1.71

OPERATING STATISTICS.

Total number of revenue passengers—berth 12,435,404
 Total number of revenue passengers—seat 9,219,448
 Average revenue per passenger—berth.....\$2.53
 Average revenue per passenger—seat.....\$0.61
 Total number of car miles.....625,589,998
 Total number of car days.....1,567,916
 Average number of revenue passengers per car per day.....14
 Operating revenues per car mile (cents).....5.706
 Operating revenues per car day.....\$22,76753
 Operating expenses per car mile (cents).....4.357136
 Operating expenses per car day.....\$16,529229
 Net operating revenue per car mile (cents).....1.563
 Net operating revenue per car day.....\$6,28823
 Average number of car miles per car day.....399

EQUIPMENT IN SERVICE.

Standard sleeping cars.....4,155
 Tourist sleeping cars.....744
 Parlor cars.....807
 Dining cars.....24
 Composite cars.....142
 Private cars.....36
 Miscellaneous cars.....4
 Total.....5,912

ELECTRIC RAILROADS IN THE UNITED STATES.

[Compiled by the Electric Railroad Journal from the McGraw Electric Railway Manual for 1911.]

Year.	Companies.	Mileage.	Cars.	Capital stock.*	Funded debt.	Capitalization.†
1910.....	1,279	40,088	89,601	\$2,386,011,921	\$2,302,094,296	\$4,688,102,217
1909.....	1,253	40,499	91,153	2,427,935,397	2,224,500,236	4,652,735,633
1908.....	1,252	40,247	89,216	2,444,892,057	2,112,244,086	4,557,136,143
1907.....	1,235	38,812	86,204	2,251,425,832	1,872,408,516	4,123,834,508
1906.....	1,164	36,923	84,732	2,039,948,875	1,735,369,000	3,765,317,876
1905.....	1,081	32,517	79,751	1,844,565,136	1,524,371,926	3,368,937,062
1904.....	993	29,548	75,904	1,761,871,812	1,455,530,159	3,217,401,971
1903.....	1,187	29,212	76,186	1,760,726,898	1,401,664,048	3,162,390,946
1902.....	1,110	25,592	70,006	1,522,068,760	1,272,269,491	2,794,238,251
1901.....	1,062	22,063	68,777	1,324,072,053	1,086,598,082	2,410,670,135

*Outstanding. †Total outstanding.

UNITED STATES PENSION STATISTICS.

PENSIONERS ON THE ROLL JUNE 30, 1912, AND JUNE 30, 1911.

	1912.	1911.	Gain.	Loss.		1912.	1911.	Gain.	Loss.
War of 1812—					Act of April 19, 1908—				
Widows	238	279	.....	41	Widows	232,947	225,198	4,749	.....
Indian wars—					Army nurses	362	406	.....	44
Survivors	1,210	1,387	.....	177	War with Spain—				
Widows	2,439	2,629	.....	190	Invalids	23,841	23,383	458	.....
War with Mexico—					Widows	1,238	1,217	21	.....
Survivors	1,313	1,639	.....	326	Minor children	304	326	.....	22
Widows	5,533	5,982	.....	449	Mothers	2,951	3,032	.....	81
Civil war—					Fathers	508	522	.....	14
Act of May 11, 1912—					Brothers, sisters, sons				
Survivors	13,246	.....	13,246	.....	and daughters	6	9	.....	3
Act of Feb. 6, 1907—					Helpless children	2	1	.....	1
Survivors	333,579	356,830	.....	23,251	Regular establishment—				
General law—					Invalids	14,373	13,757	616	.....
Invalids	103,237	113,063	.....	9,826	Widows	2,869	2,799	70	.....
Widows	64,135	67,509	.....	3,374	Minor children	171	149	22	.....
Minor children	351	385	.....	34	Mothers	1,129	1,066	63	.....
Mothers	1,413	1,877	.....	464	Fathers	159	152	7	.....
Fathers	202	278	.....	76	Brothers, sisters, sons				
Brothers, sisters, sons					and daughters	4	8	.....	4
and daughters	331	353	.....	22	Helpless children	8	5	3	.....
Helpless children	515	508	7	.....	Total	860,294	892,098	19,384	51,188
Act of June 27, 1890—					Net loss				31,804
Invalids	47,201	59,991	.....	12,790					
Minor children	4,063	3,983	8	.....					
Helpless children	416	375	41	.....					

PENSIONS BY CLASSES AND VALUE OF PENSIONS, JUNE 30, 1912.

Classes.	Number.	Annual value.	Special acts.	Number.	Annual value.
Invalids, regular establishment	14,164	\$2,367,809.46	209		\$53,508.00
Widows, etc., regular establishment	3,926	681,576.00	414		159,352.00
Survivors, act May 11, 1912	13,246	3,445,260.00	.....		.....
Survivors, act Feb. 6, 1907	333,579	58,846,851.00	.....		.....
Invalids, general law	87,044	23,742,331.50	16,193		5,291,466.00
Nurses	279	40,176.00	83		13,788.00
Widows, etc., general law	63,143	9,557,700.00	3,799		783,696.00
Invalids, act June 27, 1890	47,201	6,679,767.00	.....		.....
Minors, etc., act June 27, 1890	4,479	803,184.00	.....		.....
Widows, act April 19, 1908	232,947	33,721,656.00	.....		.....
Invalids, war with Spain	23,424	2,832,378.44	417		89,922.00
Widows, etc., war with Spain	4,793	739,472.00	216		54,732.00
Widows, war of 1812	224	32,256.00	14		3,744.00
Survivors, war with Mexico	1,172	292,032.00	141		34,836.00
Widows, war with Mexico	5,282	760,608.00	251		38,808.00
Survivors, Indian wars	937	89,952.00	273		49,824.00
Widows, Indian wars	2,365	340,560.00	74		10,896.00
Total	838,210	144,973,569.40	22,084		6,584,572.00
Total number of pensioners		860,294			
Total annual value		\$151,558,141.40			
Average value of each pension—					
All classes		\$176.17			
Regular establishment		174.33			
Act May 11, 1912		260.09			
Act Feb. 6, 1907		\$176.41			
General law, civil war		221.71			
Act June 27, 1890		144.79			
Act April 19, 1908		144.76			
War with Spain		128.82			
Survivors, civil war		197.09			

DISBURSEMENTS AT PENSION AGENCIES.

Fiscal year ended June 30, 1912.

Agency.	Pensioners.	Pensions paid.	Grand total.*	Agency.	Pensioners.	Pensions paid.	Grand total.*
Augusta	14,611	\$2,723,930.99	\$2,735,488.25	Milwaukee	4,289	8,086,235.57	8,108,416.10
Boston	52,292	8,869,306.37	8,894,556.88	New York	48,471	8,229,613.96	8,261,207.29
Buffalo	36,904	6,575,001.85	6,597,600.82	Philadelphia	50,569	8,605,274.92	8,630,927.04
Chicago	67,671	12,046,033.11	12,076,248.52	Pittsburgh	38,794	6,876,025.92	6,899,165.50
Columbus	84,289	15,327,896.05	15,367,610.75	San Francisco	42,928	7,297,087.63	7,321,737.58
Concord	13,595	2,634,532.10	2,645,988.29	Topeka	99,262	17,666,463.91	17,708,555.35
Des Moines	47,644	8,606,890.31	8,632,676.79	Washington	49,697	8,816,790.40	8,974,871.57
Detroit	35,634	6,514,999.97	6,536,830.20				
Indianapolis	53,908	10,345,011.65	10,369,338.66	Total	860,294	152,986,105.22	153,570,985.04
Knoxville	56,340	9,670,071.58	9,699,202.08				
Louisville	23,396	4,094,938.93	4,110,563.37				

*Includes salaries, clerk hire, rents, surveys, fees and contingent expenses.

PENSIONERS BY STATE OR COUNTRY IN 1912.

State or ter.	No.	Amount.	State or ter.	No.	Amount.	State or ter.	No.	Amount.
Alabama	3,585	\$608,703.99	Georgia	3,259	527,263.24	Massachusetts	36,121	6,094,662.53
Alaska	74	13,310.53	Idaho	2,375	447,103.30	Michigan	36,226	6,580,667.90
Arizona	852	117,785.71	Illinois	59,353	10,559,758.30	Minnesota	13,349	2,325,040.81
Arkansas	10,438	1,715,960.27	Indiana	52,413	10,015,321.80	Mississippi	4,403	727,552.02
California	29,670	5,194,775.76	Iowa	30,205	5,463,051.05	Missouri	42,786	7,645,626.01
Colorado	8,772	1,574,102.51	Kansas	33,241	5,938,099.29	Montana	2,460	411,694.72
Connecticut	10,673	1,827,668.46	Kentucky	22,777	4,022,588.45	Nebraska	14,090	2,524,192.44
Delaware	2,497	441,179.99	Louisiana	6,191	973,892.01	Nevada	405	65,003.28
Dist. of Col.	8,046	1,435,994.98	Maine	15,142	2,804,068.03	N. Hampshire	6,820	1,282,107.64
Florida	5,121	894,152.21	Maryland	11,735	2,081,560.11	New Jersey	19,539	3,307,706.49

State or ter.	No.	Amount.	State or ter.	No.	Amount.	State or ter.	No.	Amount.
New Mexico.....	1,714	313,100.07	Barbados	2	255.27	Japan	34	6,031.74
New York.....	72,443	12,708,724.41	Belgium	24	4,257.84	Korea	1	180.00
North Carolina ..	3,594	629,741.43	Bermuda	5	1,044.00	Liberia	7	916.00
North Dakota.....	1,696	309,986.70	Bolivia	1	180.00	Madeira	1	276.00
Ohio	82,895	15,080,951.76	Brazil	4	744.00	Malta	2	180.00
Oklahoma	11,597	2,072,265.44	Brit. E. Africa ..	1	144.00	Mexico	186	32,998.26
Oregon	8,187	1,346,558.46	Brit. W. Indies ..	3	402.00	Netherlands ..	10	1,510.67
Pennsylvania	82,300	14,292,762.69	Bulgaria	1	144.00	Newfoundland..	4	612.00
Rhode Island.....	4,739	803,094.77	Canada	2,749	487,754.09	New Zealand....	15	2,670.00
South Carolina ..	1,805	285,004.28	Cape de Verde ..	1	96.00	Nicaragua	2	255.50
South Dakota.....	4,856	882,568.71	Chile	12	2,128.92	Norway	76	13,520.50
Tennessee	16,613	3,226,403.16	China	16	2,848.00	Panama and		
Texas	8,755	1,356,249.45	Comoro Islands ..	1	90.00	canal zone....	40	6,768.66
Utah	1,053	183,669.41	Costa Rica	4	618.00	Paraguay	1	240.00
Vermont	6,870	1,364,726.97	Cuba	62	10,999.42	Peru	13	2,288.30
Virginia	8,095	1,435,649.79	Dan. W. Indies ..	2	288.00	Portugal	3	641.40
Washington	10,752	1,817,748.90	Denmark	49	8,696.09	Russia	18	3,176.40
West Virginia.....	11,188	1,988,371.53	Dominican Rep. ..	2	288.00	Salvador	1	144.00
Wisconsin	21,920	4,105,528.10	Dut. W. Indies ..	6	900.00	Samoa	1	96.00
Wyoming	932	161,726.43	England	477	84,624.57	Scotland	85	15,079.85
Total	854,622	151,985,425.89	Egypt	2	234.00	Seychelles Isls.	1	144.00
INSULAR POSSESSIONS.			Fiji Islands	1	120.00	Slam	1	108.00
Guam	3	627.72	France	74	13,123.34	South Africa....	10	1,780.00
Hawaii	82	13,798.80	Germany	522	92,608.02	Spain	3	398.80
Philippines	81	12,210.92	Greece	8	1,755.55	St. Helena	1	144.00
Porto Rico	41	6,178.00	Guatemala	3	366.00	Sudan	1	204.00
Total	207	32,315.44	Haiti	1	216.40	Sweden	80	14,192.33
FOREIGN COUNTRIES.			Honduras	2	324.00	Switzerland ..	70	12,418.70
Algeria	1	108.00	Hongkong	3	525.00	Tasmania	2	288.00
Argentina	15	2,661.15	India	16	2,838.56	Tonga Islands ..	1	180.00
Australia	101	17,918.43	Ireland	453	80,366.73	Turkey	20	3,548.13
Austria-Hung'y ..	37	6,564.17	Isle of Man	2	378.00	Uruguay	3	888.00
Azores	6	852.90	Isle of Pines	2	432.00	Venezuela	1	144.00
Bahamas	3	642.00	Italy	60	10,644.60	Wales	30	5,322.60
			Jamaica	7	1,332.00	Total	5,465	967,863.89

SUMMARY.

	Pensioners.	Payments.
Pensioners residing in states and territories and payments to them.....	854,622	\$151,985,425.89
Pensioners residing in insular possessions and payments to them.....	207	32,315.44
Pensioners residing in foreign countries and payments to them.....	5,465	967,863.89
Total	860,294	152,986,105.22
Payments by treasury department (treasury settlements).....		328.50
Total payments on account of army and navy pensions for the fiscal year.....		152,986,433.72

CLASSIFICATION OF DISBURSEMENTS (1912).

Regular establishment—Army—Invalids. \$1,845,475.63	Navy—Invalids	243,369.06
Widows, etc. 548,679.73	Minors, etc.	30,084.16
Navy—Invalids	Act April 19, 1908—Army—Widows.....	32,113,717.21
Widows, etc. 326,621.38	Navy—Widows	1,319,603.89
Civil War—Act May 11, 1912—Army.....	War with Spain—Army—Invalids.....	3,021,362.75
Navy	Widows, etc.	789,612.03
Act Feb. 6, 1907—Army.....	Navy—Invalids	109,628.47
Navy	Navy—Widows, etc.	50,482.80
General law—Army—Invalids.....	War of 1812—Widows.....	37,819.20
Nurses	War with Mexico—Survivors.....	341,756.88
Widows, etc. 10,347,018.83	Widows	826,428.73
Navy—Invalids	Indian War—Survivors.....	148,853.04
Widows, etc. 301,074.06	Widows	372,550.95
Act June 27, 1890—Army—Invalids.....	Total	152,986,105.22
Minors, etc. 931,723.45		
Amount disbursed on account of regular establishment.....		\$3,308,375.31
Amount disbursed on account of civil war		143,979,235.06
Amount disbursed on account of war with Spain.....		3,971,086.05
Amount disbursed on account of war of 1812.....		37,819.20
Amount disbursed on account of war with Mexico.....		1,168,186.61
Amount disbursed on account of Indian wars.....		521,403.99
Amount disbursed by treasury settlements.....		328.50

BOUNTY LAND WARRANTS ISSUED TO JUNE 30, 1912.

	Number.	Acres.
War of the revolution.....	16,663	2,666,080
War of 1812, acts prior to 1850.....	29,471	4,891,520
Act of 1847, Mexican war.....	88,274	13,213,640
Act of 1850, war of 1812, Mexican and Indian wars.....	189,146	13,168,560
Act of 1852, war of 1812, Mexican and Indian wars.....	11,992	694,400
Act of 1855, war of 1812, Mexican and Indian wars.....	263,144	34,158,070
Total	598,690	68,792,270

HISTORICAL.

There are now no pensioners on account of the revolutionary war on the roll. Mrs. Phoebe M. Palmeter, who was pensioned by a special act of congress as the daughter of Jonathan Wooley, who served in a New Hampshire company, died at Brookfield, N. Y., April 25, 1911, aged 90 years. The last widow pensioner of that war was Escher S. Damon of Plymouth Union, Vt., who died Nov. 11, 1906, aged 92 years. The last survivor of the revolution was Daniel F. Bakeman, who died at Freedom, Cattaraugus county, N. Y., April 5, 1869, aged 109 years 6 months and 3 days.

The last surviving pensioned soldier of the war of

1812 was Hiram Cronk of Ava, N. Y., who died May 13, 1905, aged 105 years and 16 days. The names of 238 widows of the war of 1812 remained on the pension roll June 30, 1912.

PENSIONS AND PENSIONERS BY YEARS SINCE 1866.

	Paid as pensions.	Expenses.	Total.	No. of pensioners.
1866..	\$15,450,549.88	\$407,165.00	\$15,857,714.88	126,722
1867..	20,734,789.69	490,977.35	21,225,767.04	156,474
1868..	23,101,509.36	553,020.34	23,654,529.70	169,643
1869..	28,513,247.27	564,526.81	29,077,774.08	187,963
1870..	29,351,488.78	600,997.86	29,952,486.64	198,686
1871..	28,518,792.62	863,079.00	29,381,871.62	207,495
1872..	29,752,746.81	951,253.00	30,703,999.81	232,229
1873..	26,982,663.89	1,003,200.64	27,985,264.53	238,411
1874..	30,206,778.99	966,794.13	31,173,573.12	236,241
1875..	29,270,404.76	882,695.35	30,153,100.11	234,521
1876..	27,936,209.53	1,015,078.31	28,951,288.84	232,137
1877..	29,182,821.72	1,034,459.33	30,217,281.05	232,104
1878..	26,786,009.44	1,032,500.09	27,818,509.53	223,998
1879..	32,664,428.92	937,734.14	34,502,163.06	242,755
1880..	56,689,229.08	935,027.28	57,624,256.36	250,802
1881..	60,583,405.35	1,072,059.64	61,655,464.99	268,830
1882..	64,313,172.05	1,466,236.01	65,779,408.06	285,697
1883..	60,427,573.81	2,591,448.29	63,019,222.10	303,658
1884..	57,912,387.47	2,835,181.00	60,747,568.47	322,756
1885..	65,171,937.12	3,392,576.34	68,564,513.46	345,125
1886..	64,091,142.80	3,245,016.61	67,336,159.51	365,783
1887..	73,752,997.08	3,759,400.91	77,506,397.99	406,007
1888..	78,950,601.67	3,515,057.27	82,465,658.94	452,557
1889..	88,842,720.58	3,466,968.40	92,309,688.98	489,725
1890..	106,093,850.39	3,526,382.13	109,620,232.52	537,944
1891..	117,312,690.50	4,700,636.44	122,013,326.94	676,160
1892..	139,394,147.11	4,898,665.80	144,292,812.91	876,068
1893..	156,906,637.94	4,867,734.42	161,774,372.36	966,012
1894..	139,986,726.37	3,963,976.31	143,950,702.68	969,544
1895..	138,462,294.30	4,338,020.21	142,800,314.51	970,524
1896..	138,240,704.46	3,991,376.61	142,232,081.07	970,678
1897..	139,949,711.91	3,987,783.07	143,937,500.42	976,014
1898..	144,651,879.30	4,114,081.46	148,765,970.76	982,714
1899..	138,355,152.95	4,147,517.73	142,502,670.68	991,519
1900..	138,462,030.65	3,841,706.74	142,303,737.39	993,529
1901..	138,531,483.94	3,868,795.44	142,400,279.38	997,735
1902..	137,504,267.99	3,831,378.96	141,335,646.95	999,446
1903..	137,759,653.71	3,993,216.79	141,752,870.50	996,545
1904..	141,093,571.49	3,849,366.25	144,942,937.74	994,762
1905..	141,142,861.33	3,721,832.82	144,864,694.15	998,441

	Paid as pensions.	Expenses.	Total.	No. of pensioners.
1906..	139,000,288.25	3,523,269.51	142,523,557.76	985,971
1907..	138,155,412.46	3,309,110.44	141,464,522.90	967,371
1908..	153,093,086.27	2,800,963.36	155,894,049.63	951,687
1909..	161,973,703.77	2,852,583.73	164,826,287.50	946,194
1910..	159,974,056.08	2,657,673.86	162,631,729.94	921,083
1911..	157,325,150.35	2,517,127.06	159,842,277.41	892,098
1912..	152,986,433.72	2,448,357.31	155,435,291.03	860,294

4,286,922,719.65 123,328,719.05 4,410,251,438.70

PENSIONS OF THE SEVERAL WARS AND OF THE PEACE ESTABLISHMENT.

The amounts that have been paid for pensions to soldiers, sailors and marines, their widows, minor children and dependent relatives, on account of military and naval service since the foundation of the government to June 30, 1912, are as follows:	
War of the revolution (estimate).....	\$70,000,000.00
War of 1812 (service pension).....	45,890,843.39
Indian wars (service pension).....	11,713,609.51
Civil war with Mexico (service pension).....	46,447,872.44
Civil war.....	4,129,699,071.99
War with Spain and insurrection in Philippine Islands.....	38,114,062.42
Regular establishment.....	25,014,227.64
Unclassified.....	16,488,476.49

Total disbursements for pensions....4,383,368,163.88

PENSIONS GRANTED BY SPECIAL ACTS OF CONGRESS SINCE MARCH 4, 1861.

Congress.	Number.	Congress.	Number.
37th (1861-1863).....	12	51st (1889-1891).....	1,383
38th (1863-1865).....	27	52nd (1891-1893).....	217
39th (1865-1867).....	138	53rd (1893-1895).....	119
40th (1867-1869).....	276	54th (1895-1897).....	378
41st (1869-1871).....	85	55th (1897-1899).....	694
42nd (1871-1873).....	167	56th (1899-1901).....	1,391
43rd (1873-1875).....	182	57th (1901-1903).....	2,171
44th (1875-1877).....	98	58th (1903-1905).....	3,355
45th (1877-1879).....	230	59th (1905-1907).....	6,030
46th (1879-1881).....	96	60th (1907-1909).....	6,600
47th (1881-1883).....	216	61st (1909-1911).....	9,649
48th (1883-1885).....	598	62nd (1911-1912)*.....	3,485
49th (1885-1887).....	856		
50th (1887-1889).....	1,015	Total.....	39,472

*To June 30.

THE LAWRENCE TEXTILE STRIKE.

Lawrence, Mass., was the scene of a grave labor strike lasting from Jan. 12 to the third week in March, 1912. The primary cause of the trouble was a law passed by the Massachusetts legislature at the request of labor unions cutting down the working hours of women and children from fifty-six to fifty-four hours a week. This law went into effect Jan. 1. As more than 50 per cent of the employees in the large textile mills of Lawrence were affected, the workers announced a general reduction of wages. The operatives, numbering between 20,000 and 25,000, went on a strike, which was managed chiefly by a secret organization known as the Industrial Workers of the World. The representatives of the operatives demanded an increase of 15 per cent in wages, the abolition of the premium system and double pay for overtime. The American Woolen company, representing the owners, asserted that the close competition between the mills of the country would not allow a reduction in working hours without corresponding reduction in wages. It was claimed by the mill owners that the rate of wages paid exceeded \$9 a week except in the case of minors. On the other hand, it was claimed for the workers that many adult

foreigners were paid wages as low as \$4.80 to \$5.20 a week. Charles P. Neill, United States commissioner of labor, subsequently conducted an investigation and found that the average wage of 21,922 employees was \$8.76 a week in December, 1911, when the mills were running full time. His conclusion was that these earnings were inadequate to maintain a family. The strike ended in a compromise, by which the employees were given an increase in wages of from 5 to 15 per cent.

The strike was attended by much rioting, in which many persons received serious injuries and considerable property was destroyed. State troops were brought in and the city was virtually placed under martial law. Legislative and congressional inquiries were conducted by the state of Massachusetts and the nation, resulting finally in the settlement of the dispute. A novel feature was the sending of several hundred children, ranging in age from 2 to 14 years and selected from the families of the strikers, to New York city, where, Feb. 16, they were exhibited in a parade of Industrial Workers of the World, socialist clubs and members of the Ferrer association.

LARGEST CITIES IN THE WORLD.

City.	Year.	Population.	City.	Year.	Population.	City.	Year.	Population.
London (est.).....	1911	7,252,963	St. Petersburg.....	1910	1,907,708	Constantinople (est.)	1910	1,200,000
New York.....	1910	4,766,883	Philadelphia.....	1910	1,549,008	Rio de Janeiro (est.)	1910	1,000,000
Paris.....	1911	2,888,110	Moscow.....	1907	1,481,200	Bombay.....	1911	979,445
Chicago (est.).....	1912	2,381,700	Buenos Aires (est.)	1910	1,329,627	Hamburg.....	1910	932,166
Tokyo.....	1908	2,186,079	Osaka.....	1908	1,226,590	Budapest.....	1910	880,371
Berlin.....	1910	2,070,695	Calcutta.....	1911	1,222,313	Naples.....	1911	723,208
Vienna.....	1910	2,031,498						

NONCONTIGUOUS POSSESSIONS OF THE UNITED STATES.

THE PHILIPPINE ISLANDS.

The Philippine islands were ceded to the United States by Spain Dec. 10, 1898. Maj.-Gen. Merritt was the first military governor. He succeeded in August, 1899, by Maj.-Gen. E. S. Otis, who in turn was followed in May, 1900, by Maj.-Gen. Arthur MacArthur. The last named remained in office until July 4, 1901, when the military authority was transferred to Gen. A. R. Chaffee. By order of the president Gen. Chaffee was relieved of his duties as military governor July 4, 1902, and the office terminated. The Philippine commission was at the same time made the superior authority. Sept. 2 the islands were divided into three military departments, to be known as the department of Luzon, the department of Visayas and the department of Mindanao.

July 1, 1902, congress passed an act providing temporarily for the government of the Philippines, providing for the election by popular vote, two years after a census of the islands had been taken and published, of delegates to an assembly, consisting of not more than 100 members nor less than fifty, apportioned among the provinces as nearly as possible according to population. This assembly should, together with the Philippine commission appointed by the president of the United States, exercise the legislative power heretofore exercised by the commission alone, the members of the commission acting as an upper house and the elected assemblymen as a lower house. The members of the assembly were to hold office two years and annual sessions of the legislature not exceeding ninety days in length were to be held.

The first election was held July 30, 1907, when eighty members of the legislature were chosen. The total vote being 97,803. The first session was formally opened Oct. 16 by William H. Taft, United States secretary of war, the first civil governor of the islands after they came into American possession. Sergio Osmena was elected president.

OFFICIALS AND SALARIES—The Philippine commission consisted in October, 1911, of Prof. Dean C. Worcester of Michigan, W. Cameron Forbes of Massachusetts, Newton W. Gilbert of Indiana, Frank A. Branagan of Ohio, Charles B. Elliott of Minnesota, Rafael Palma, Gregorio Araneta, Jose R. Luzuriaga and Juan Sumulong of the Philippines. The officers in 1911 were:

Governor-General—W. Cameron Forbes.
Vice-Governor—Newton W. Gilbert.
Secretary Interior Department—Dean C. Worcester.
Secretary Finance and Justice—Gregorio Araneta.
Secretary Public Instruction—Newton W. Gilbert.
Secretary of Commerce and Police—Charles B. Elliott.

Executive Secretary—Frank W. Carpenter.
Auditor—William H. Phipps.
Treasurer—Jeremiah L. Manning.
Director of Education—Frank R. White.
Director-General of Posts—C. M. Otterman.
Attorney-General—Ignacio Villamor.
Collector of Customs—H. B. McCoy.
Chief Justice Supreme Court—Cayetano S. Arellano.

The governor receives \$20,000 a year (\$15,000 as governor-general) and the other American commissioners receive \$15,500 each (\$10,500 being for their services as heads of departments). The commissioners not heads of departments get \$7,500 each. The salaries of other leading officials are: Executive secretary, \$9,000; assistant executive secretary, \$6,000; auditor, \$6,000; collector of customs, \$6,000; attorney-general, \$6,000; chief justice Supreme court, \$10,000; associate justices, \$10,000; superintendent of public education, \$6,000; director-general of posts, \$6,000; treasurer, \$6,000.

AREA AND POPULATION—The total land and water area of the Philippine archipelago is 832,968 square miles and the population 7,635,436, according to the census of 1903. Of the inhabitants 6,997,686 are civilized. The population of Manila in 1903 was 219,928. The population of the principal islands was: Bohol, 243,148; Cebu, 592,247; Jolo, 44,718; Leyte, 367,641; Luzon, 3,798,507; Mindanao, 50,601; Mindanao, 499,634, of whom 252,936 are uncivilized; Negros, 460,000 (21,217 uncivilized); Panay, 743,646 (14,353 uncivilized); Samar, 222,690.

PRODUCTS AND CLIMATE—The chief products are hemp, sugar, coffee, tobacco leaf, copra, cigars and indigo. Between 600,000 and 700,000 bales of hemp are exported annually.

The climate of the Philippine islands is considered excellent for the tropics. The mean temperature in Manila ranges from 77 in January to 83 in May. June, July, August and September are the rainy months, March, April and May the hot and dry, and October, November, December, January and February the temperate and dry.

TRADE WITH THE UNITED STATES—The shipments of merchandise from the United States to the Philippines in the fiscal year ended June 30, 1912, amounted in value to \$23,703,935, as compared with \$19,677,802 in 1911. The principal articles sent were: Breadstuffs, \$1,575,685; cotton manufactures, \$4,052,852; iron and steel manufactures, \$4,987,289; mineral oils, \$1,475,414. The imports amounted in value to \$23,257,199 as compared with \$17,400,398 in 1911. The principal articles imported were: Unmanufactured manila, \$7,826,078; sugar, \$11,243,693.

IMPORTS AND EXPORTS—The total imports of the Philippine islands in the calendar year 1911 amounted to \$48,024,407; total exports, \$44,587,291.

ISLAND OF PORTO RICO.

Porto Rico, according to the decision of the United States Supreme court in the insular cases May 27, 1901, is a territory appurtenant and belonging to the United States, but not a part of the United States within the revenue clause of the constitution. The island was ceded to the United States by Spain Dec. 10, 1898, and was under military rule until the Foraker law went into effect May 1, 1900. (For the provisions of that law see The Daily News Almanac for 1901.) In accordance with the third section of that act, the legislative assembly of Porto Rico having put into operation a system of local taxation to meet the necessities of government, President McKinley on the 25th of July, 1901, the anniversary of the landing of American troops on the island in 1898—proclaimed free trade between the United States and Porto Rico.

GOVERNMENT—Civil government, under the provisions of the Foraker act, was established May 1, 1900. The upper house consists of eleven members, six of whom are "cabinet" officers appointed by the president; the lower house is made up of thirty-five delegates elected by the people every two years. The governor, who is appointed by the president, has practically the same duties as the governor of any other territory of the United States. The present officers are: Governor, Col. George B. Colton; secretary, M. Drew Carrel; treasurer, Allan H. Richardson; commissioner of education, E. G. Bainter; resident commissioner in the United States, Luis Munoz Rivera.

AREA AND POPULATION—The area of Porto Rico is about 3,600 square miles and the population, as shown by the census of 1910, is 1,118,012. In 1900 the population was 953,242. Of these 941,751 are natives. The whites number 539,426 and the colored 363,317. The colored are subdivided into 304,352 mulattoes, 69,359 negroes and 75 Chinese. The cities having more than 5,000 inhabitants are: San Juan, 48,716; Ponce, 35,005; Mayaguez, 16,563; Arecibo, 9,612; Aguadilla, 6,125; Yauco, 6,589; Caguas, 10,354; Guayama, 8,321.

COMMERCE—For the year ended June 30, 1912, the total domestic imports from Porto Rico to foreign countries were \$6,318,976, and to the United States, \$42,373,401. Foreign imports amounted to \$4,501,928, and imports from the United States amounted to \$37,424,545. Of the exports Spain took \$1,218,115; Cuba, \$3,633,463; France, \$422,549; Germany, \$90,208; Austria-Hungary, \$749,377.

The leading articles of export are coffee, oranges, brown sugar and tobacco.

TERRITORY OF HAWAII.

Annexed to the United States July 7, 1898.

Created a territory June 14, 1900.

Governor—Walter F. Frear.

Secretary—Henry R. Cooper.

POPULATION—According to the federal census of 1910 the total population of the territory is 191,509.

In 1890 it was 89,990. The only large city is Honolulu, which in 1910 had a population of 52,183.

COMMERCE WITH THE UNITED STATES—The total value of the shipments of merchandise from Hawaii to the United States for the twelve months ended June 30, 1912, was \$55,055,816. Brown sugar was the principal item, amounting to 1,172,510,960 pounds, valued at \$48,143,530. The other articles of importance were: Coffee, \$335,641; fruits, \$2,744,042; rice, \$212,146. The total value of the shipments of merchandise from the United States to Hawaii was \$24,418,671. The principal articles were: Iron, steel and machinery, \$4,256,944; leather and manufactures of, \$603,376; oils, \$1,782,540; provisions, \$947,060; tobacco, \$362,466; lumber and manufactures of wood, \$1,833,608; wines and liquors, \$724,833.

TERRITORY OF ALASKA.

Purchased from Russia in March, 1867.

Organized as noncontiguous territory July 27, 1868. Made a civil and judicial district June 6, 1900.

Governor—Walter B. Clark.

AREA AND POPULATION—Area, 577,390 square miles; population in 1910, 64,356.

COMMERCE WITH THE UNITED STATES—The total value of the shipments of domestic merchandise from the mainland of the United States to Alaska in the year ended June 30, 1912, was \$18,809,270. The principal articles were: Breadstuffs, \$823,587; manufactures of cotton, \$1,032,789; eggs, \$370,499; fruits and nuts, \$471,526; manufactures of iron and steel, \$4,427,950; leather manufactures, \$330,159;

meat and dairy products, \$2,105,640; wines and liquors, \$602,418; vegetables, \$528,543; wood and manufactures of, \$850,163. Total value of shipments of domestic merchandise from Alaska to the mainland, \$21,597,712. The main articles were: Copper ore, \$5,040,386; canned salmon, \$13,210,073; furs, \$858,431.

GOLD SHIPMENTS (1911)—From Alaska to the mainland, \$17,490,821; from the mainland to Alaska, \$1,441,999 in coin. The total gold and silver shipments, including foreign, to the United States were \$20,732,597.

PANAMA CANAL ZONE.

Acquired by the United States, Feb. 26, 1904. Area, 474 square miles.

TUTUILA.

Acquired by the United States January, 1960.

Area, including Manua and several other small islands, 79 square miles.

Population, about 4,000.

Pango-Pango harbor acquired by United States in 1872.

Naval Governor—Commander William M. Crose, U. S. N.

GUAM.

Ceded to United States by Spain Dec. 10, 1898.

Area, about 200 square miles.

Population, about 9,000.

First American Governor—Capt. R. P. Leary, U. S. N.

Governor (1912)—Capt. Robert E. Coontz, U. S. N.

STATE PRISONS IN THE UNITED STATES.

Alabama—Wetumpka.
Alaska—Sitka (U. S. jail).
Arizona—Florence.
Arkansas—Little Rock.
California—Folsom.
San Quentin.
Colorado—Canon City.
Connecticut—Weathersfield.
Delaware—Wilmington (work-house).
District of Columbia—U. S. jail.
Florida—Tallahassee (commission).
Georgia—Atlanta (commission).
Illinois—Joliet, Chester.
Idaho—Boise.
Indiana—Michigan City.
Indianapolis (women).
Iowa—Fort Madison, Anamosa.
Kansas—Lansing.
Kentucky—Frankfort.
Eddyville (branch).
Louisiana—Baton Rouge.
Maine—Thomaston.
Maryland—Baltimore.

Massachusetts—Charlestown.
Bridgewater.
South Framingham (women).
Michigan—Jackson.
Marquette (branch).
Minnesota—Stillwater.
Mississippi—Jackson (commission).
Missouri—Jefferson City.
Montana—Deer Lodge.
Nebraska—Lincoln.
Nevada—Carson City.
New Hampshire—Concord.
New Mexico—Santa Fe.
New Jersey—Trenton.
New York—Auburn.
Dannemora (Clinton).
Sing Sing (Ossining).
North Carolina—Raleigh.
North Dakota—Bismarck.
Ohio—Columbus.
Oklahoma—McAlester.
Oregon—Salem.
Pennsylvania—Philadelphia.
Allegheny (Pittsburgh).

Rhode Island—Howard.
South Carolina—Columbia.
South Dakota—Sioux Falls.
Tennessee—Nashville.
Petros (branch).
Texas—Huntsville.
Rusk.
Utah—Salt Lake City.
Vermont—Windsor.
Virginia—Richmond.
Washington—Walla Walla.
West Virginia—Moundsville.
Wisconsin—Waupun.
Wyoming—Rawlins.

UNITED STATES PRISONS.

Atlanta, Ga.—Penitentiary.
Fort Leavenworth, Kas.—Penitentiary.
McNeill's Island, Wash.—Penitentiary.
Mare Island, Cal.—Naval prison.
Boston, Mass.—Naval prison.
Fortsomouth, N. H.—Naval prison.

DISTANCE OF VISIBILITY OF OBJECTS ON THE LAKES.

[From "List of Lights and Fog Signals" issued by the United States lighthouse board.]

Height, feet.	Dist., miles.	Height, feet.	Dist., miles.	Height, feet.	Dist., miles.	Height, feet.	Dist., miles.	Height, feet.	Dist., miles.
5.....	2.96	55.....	9.81	110.....	13.87	450.....	28.06	700.....	35.00
10.....	4.18	60.....	10.25	120.....	14.49	500.....	29.58	650.....	33.73
15.....	5.12	65.....	10.67	130.....	15.08	550.....	31.02	700.....	35.00
20.....	5.92	70.....	11.07	140.....	15.65				
25.....	6.61	75.....	11.46	150.....	16.20				
30.....	7.25	80.....	11.83	200.....	18.71				
35.....	7.83	85.....	12.20	250.....	20.92				
40.....	8.37	90.....	12.55	300.....	22.91				
45.....	8.87	95.....	12.89	350.....	24.75				
50.....	9.35	100.....	13.23	400.....	26.46				

The distances of visibility given in the above table are those from which an object may be seen by an observer whose eye is at the lake level; in practice, therefore, it is necessary to add to these a distance of visibility corresponding to the height of the observer's eye above lake level.

LONGEST RIVERS OF THE WORLD.

River.	Miles in length.	River.	Miles in length.	River.	Miles in length.	River.	Miles in length.
Mississippi.....	4,194	Yangtsekiang.....	3,000	Mekong.....	2,600	Hwangho.....	2,300
Nile.....	3,670	LaPlata.....	2,950	Niger.....	2,600	Yukon.....	2,050
Amazon.....	3,300	Lena.....	2,860	Yenisei.....	2,500	Colorado.....	2,000
Ob.....	3,235	Kongo.....	2,800	Volga.....	2,325	Indus.....	2,000
		Amur.....	2,700				

CHRONOLOGICAL SURVEY OF PEACE MOVEMENTS.

Compiled by Charles E. Beals, field secretary of the American Peace society.

New York Peace society, organized 1815, first in the world.

Many state societies organized in quick succession. A national organization, the American Peace society, formed in 1823, in which the state societies merged themselves.

Peace movement spread rapidly until the time of the Crimean war, American civil war, etc.

Great peace jubilees held throughout the country in 1871.

International Law association organized, 1873.

Interparliamentary union formed, 1889.

International peace bureau established in Bern, 1891.

First Lake Mohonk arbitration conference, 1895. American Society, of International Law organized, 1906.

Intercollegiate Peace association, 1905.

Association for International Conciliation, 1907.

Peace day, 18th of May (Hague day).

Peace Sunday, the Sunday before Christmas.

American Society for the Judicial Settlement of International Disputes, 1910.

Carnegie endowment for international peace, 1910.

INTERNATIONAL PEACE CONGRESSES.

First series: 1, London, 1843; 2, Brussels, 1848; 3, Paris, 1849; 4, Frankfurt, 1850; 5, London, 1851; 6, Edinburgh, 1853.

Second series: 1, Paris, 1889; 2, London, 1890; 3, Rome, 1891; 4, Bern, 1892; 5, Chicago, 1893; 6, Antwerp, 1894; 7, Budapest, 1896; 8, Hamburg, 1897; 9, Paris, 1900; 10, Glasgow, 1901; 11, Monaco, 1902; 12, Rome, 1903; 13, Boston, 1904; 14, Lucerne, 1905; 15, Milan, 1906; 16, Munich, 1907; 17, London, 1908; 18, Stockholm, 1910; 19, Geneva, 1912.

NATIONAL PEACE CONGRESSES IN THE UNITED STATES.

First: New York in 1907.

Second: Chicago in 1909.

Third: Baltimore in 1911.

INTERGOVERNMENTAL PEACEMAKING.

Joint disarmament by Great Britain and United States along Canadian border, 1817 to present time.

Central American High Court of Nations established.

Pan-American congress, 1889, led to establishment of International Bureau of American Republics, 1890.

Pacific settlement of over 600 international disputes.

The statue of The Christ of the Andes, commemorating joint disarmament of Chile and Argentina, erected, 1904.

Many international bureaus (e. g. the Universal Postal union) already in actual operation, 1909.

HAGUE PEACE CONFERENCES.

First Hague conference, May 18, 1899, of twenty-six nations.

Second Hague conference, June 15, 1907, of forty-four nations.

Third Hague conference, to be held about 1915.

THE HAGUE COURT OF ARBITRATION.

The permanent court of arbitration at The Hague, instituted July 29, 1899, consists of from one to four representatives of the governments participating in The Hague peace conference of 1899 or signing the convention providing for the court. The members of the court from the greater powers are as follows:

France—Leon Bourgeois, A. Decrais, Baron d'Estournelles de Constant, Louis Renault.

Germany—P. F. Steining, Herr Kriege, Herr von Martitz, Herr von Bar.

Great Britain—Sir Edward Fry, Earl de Desart, Sir E. Satow, Sir Charles Fitzpatrick.

Italy—Jean B. P. Guarnaschelli, Guido Fusinato, Victor E. Orlando, Tommaso Tittoni.

Japan—Ichiro Motono, Henry Willard Denison.

United States—Elihu Root, John W. Griggs, George Gray, Oscar S. Straus.

Secretary—Gen. Baron Michaels von Derdunyn.

RECORD OF HAGUE DECISIONS.

1. The Pruss fund case, Mexico vs. United States, Oct. 14, 1902.

2. The Venezuela case, Great Britain, Germany and Italy vs. Venezuela, Feb. 22, 1904.

3. The Japanese house tax case, Great Britain, France and Germany vs. Japan, May 22, 1905.

4. The Muscat ghows case, Great Britain vs. France, Aug. 8, 1905.

5. The Casa Blanca case, France vs. Germany, May 22, 1909.

6. The boundary case, Norway vs. Sweden, Oct. 23, 1909.

7. The North Atlantic fisheries case, United States vs. Great Britain, Sept. 7, 1910.

8. The Orinoco Steamship company claims case, United States vs. Venezuela, Oct. 25, 1910.

9. The Savarkar case, France vs. Great Britain, Feb. 24, 1911.

10. Arrears of indemnity case, Russia vs. Turkey, Feb. 24, 1911.

11. Canevaro claim, France vs. Italy, Feb. 24, 1911.

12. Seizure of French ships, France vs. Italy.

PALACE OF PEACE.

April 24, 1903, Andrew Carnegie gave to the government of the Netherlands the sum of \$1,500,000, to be used in the construction of a "palace of peace" at The Hague. The corner stone of this structure was laid July 30, 1907, at Zorghvliet in the wooded park stretching from The Hague to Scheveningen.

AMERICAN PEACE SOCIETY.

President—Senator Theodore E. Burton, Washington, D. C.

Secretary—Benjamin F. Trueblood, LL. D., 313 Colorado building, Washington, D. C.

Executive Director—Arthur D. Call, Washington, D. C.

Treasurer—George W. White, Washington, D. C.

Field Secretary—Charles E. Beals, 30 North LaSalle street, Chicago, Ill.

CHICAGO PEACE SOCIETY.

President—Leroy A. Goddard.

Vice-President—Edward M. Skinner.

Secretary—Charles E. Beals, 30 N. LaSalle street.

Treasurer—Charles L. Hutchinson.

Auditor—Maurice S. Kuhns.

Executive committee—Leroy A. Goddard, Edward M. Skinner, Charles E. Beals, Charles L. Hutchinson, M. S. Kuhns, Miss Jane Addams, Richard C. Hall, H. N. Higinbotham, Prof. Charles Cheney Hyde, S. W. Lamson, Alexander A. McCormick, Henry C. Morris, Julius Rosenwald, Albert H. Scherzer, Sydney Richmond Taber and Harry A. Wheeler.

AMERICAN SOCIETY FOR THE JUDICIAL SETTLEMENT OF INTERNATIONAL DISPUTES.

Honorary President—William H. Taft.

President—Simeon E. Baldwin, Hartford, Conn.

Vice-President—Joseph H. Choate, New York, N. Y.

Treasurer—Theodore Marburg, Baltimore, Md.

Treasurer—J. G. Schmidlapp, Cincinnati, O.

CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE.

Dec. 14, 1910, Andrew Carnegie transferred to a board of trustees \$10,000,000 in 5 per cent first mortgage bonds, the revenue of which will be used to "hasten the abolition of international war" and to establish lasting world peace. The formal transfer was made at a meeting in the rooms of the Carnegie Research foundation in Washington, D. C. The trustees, organized by choosing as president United States Senator Elihu Root, permanent representative of the United States at The Hague tribunal. President Taft consented to be honorary president of the foundation. The method by which the annual income of half a million dollars shall be expended is left by Mr. Carnegie entirely to the trustees. The foundation is to be perpetual, and when the establishment of universal peace is attained the donor provides that the revenue shall be devoted to the banishment of the "next most degrading, evil or evils," the suppression of which would "most advance the progress, elevation and happiness of men."

UNITED STATES MORTALITY STATISTICS.

[Bureau of the census report.]

Deaths per 1,000 of population in the registration area of the United States.

	Annual av. 1900 to 1909.	1906.	1907.	1908.	1909.	1910.
The registration area.....	15.7	16.0	14.8	14.4	15.0	16.0
Registration cities.....	16.8	16.9	17.1	15.7	15.4	16.1
Registration states.....	15.5	15.7	14.9	14.7	14.2	14.7
Cities in registration states.....	17.0	17.4	17.5	15.9	15.4	15.9
Rural part of registra- tion states.....	13.8	13.7	14.0	13.3	13.0	13.4
Registration cities in other states.....	16.5	15.6	16.3	15.4	15.6	16.9

The registration area includes twenty-one states, the District of Columbia and forty-three cities in nonregistration cities containing 58.3 per cent of the total estimated population of continental United States. The total number of deaths reported in this area in 1910 was 805,412. The estimated population of the area was 53,843,980 and the death rate was consequently 15.0 per 1,000 of population.

IN REGISTRATION STATES.

Death rates per 1,000 population.

State.	1906.	1907.	1908.	1909.	1910.
California.....	14.1	14.6	14.1	13.4	13.5
Colorado.....	14.0	15.3	14.5	14.2	13.8
Connecticut.....	16.2	16.5	14.8	15.0	15.6
Indiana.....	12.8	13.0	12.8	12.9	13.5
Maine.....	16.0	16.4	15.7	15.6	17.1
Maryland.....	16.0	16.4	15.8	15.5	16.0
Massachusetts.....	16.3	17.0	15.9	15.4	16.1
Michigan.....	14.0	13.6	13.4	13.1	14.1
Minnesota.....	14.0	.....	.....	.....	10.9
Montana.....	.....	.....	.....	.....	10.6
New Hampshire.....	17.7	17.6	16.8	16.9	17.3
New Jersey.....	15.9	16.1	14.8	14.7	15.5
New York.....	16.9	17.3	15.9	15.7	16.1
North Carolina.....	.....	.....	.....	.....	13.7
Ohio.....	.....	12.9	.....	.....	13.7
Pennsylvania.....	15.9	15.9	14.7	15.6	.....
Rhode Island.....	17.4	17.8	15.9	15.6	17.1
Utah.....	.....	.....	.....	.....	10.8
Vermont.....	16.7	16.2	15.9	15.7	16.0
Washington.....	.....	9.3	9.8	10.0	.....
Wisconsin.....	.....	11.7	11.8	12.0	.....
Total.....	15.7	15.9	14.7	14.2	14.7

Total includes District of Columbia. Blanks indicate that the states concerned were not registration states in the years specified.

DEATH RATES IN AMERICAN CITIES.

Per 1,000 of population.

City.	Annual av. 1900 to 1909.	1906.	1907.	1908.	1909.	1910.
Albany, N. Y.....	18.5	18.0	15.2	18.6	17.6	19.4
Atlanta, Ga.....	20.5	22.2	21.4	18.1	17.2	18.9
Baltimore, Md.....	19.9	19.9	20.5	19.0	18.7	19.2
Birmingham, Ala.....	.....	.....	.....	17.8	18.2	19.5
Boston, Mass.....	18.6	18.6	18.6	18.3	16.8	17.2
Bridgeport, Conn.....	15.9	16.3	17.2	14.5	14.4	15.2
Buffalo, N. Y.....	15.6	16.4	16.7	15.3	15.2	16.3
Cambridge, Mass.....	15.3	14.7	15.1	16.0	14.7	15.0
Chicago, Ill.....	14.7	14.5	15.7	14.5	14.6	15.1
Cincinnati, O.....	18.7	20.4	18.1	18.0	16.5	17.4
Cleveland, O.....	14.7	14.9	16.2	13.3	12.9	14.3
Columbus, O.....	15.3	15.3	15.5	16.2	14.0	15.4
Dayton, O.....	15.5	15.8	17.1	14.8	15.4	14.8
Denver, Col.....	17.6	17.2	18.7	18.8	17.0	16.4
Detroit, Mich.....	14.9	15.7	14.9	13.7	14.0	15.9
Fall River, Mass.....	20.3	19.2	21.3	20.5	19.1	18.4
Grand Rapids, Mich.....	13.3	14.3	13.1	12.7	11.9	14.6
Indianapolis, Ind.....	15.1	15.8	14.2	14.2	14.3	16.3
Jersey City, N. J.....	18.9	19.3	19.1	17.4	16.8	16.3
Kansas City, Mo.....	15.2	13.3	15.3	14.1	14.4	15.9
Los Angeles, Cal.....	15.8	16.8	16.5	13.8	13.7	14.0
Louisville, Ky.....	18.4	19.0	19.0	17.0	15.5	16.7
Lowell, Mass.....	19.7	19.6	20.6	19.2	18.0	19.7
Memphis, Tenn.....	20.1	19.7	21.5	20.1	20.1	21.4

City.	Annual av. 1900 to 1909.	1906.	1907.	1908.	1909.	1910.
Milwaukee, Wis.....	13.5	14.2	13.8	12.7	13.7	13.8
Minneapolis, Minn.....	10.5	10.4	10.6	10.7	10.7	12.3
Nashville, Tenn.....	20.8	20.9	19.6	19.4	18.1	18.7
Newark, N. J.....	18.3	18.7	18.5	16.2	16.5	16.5
New Haven, Conn.....	17.5	18.8	18.1	16.4	16.9	16.5
New Orleans, La.....	22.5	21.4	23.5	22.3	20.2	21.3
New York, N. Y.....	18.3	18.3	18.3	16.3	16.0	16.0
Oakland, Cal.....	15.9	15.3	18.6	14.9	14.2	12.7
Omaha, Neb.....	12.3	12.2	13.5	13.2	14.7	15.1
Paterson, N. J.....	16.6	17.4	15.6	15.5	15.3	14.7
Philadelphia, Pa.....	18.2	19.1	18.6	17.3	16.4	17.4
Pittsburgh, Pa.....	19.0	19.9	19.3	17.3	15.8	17.9
Portland, Ore.....	10.1	9.4	11.0	9.9	9.8	11.0
Providence, R. I.....	18.4	18.6	19.1	16.6	16.1	17.7
Richmond, Va.....	23.2	21.5	23.4	21.7	20.7	22.6
Rochester, N. Y.....	14.6	15.1	15.5	13.7	14.4	14.6
St. Louis, Mo.....	16.9	15.7	15.9	14.7	15.8	15.8
St. Paul, Minn.....	10.4	10.5	10.9	10.5	11.4	11.9
San Francisco, Cal.....	18.6	18.3	16.6	15.5	15.0	15.1
Scranton, Pa.....	16.6	16.4	15.7	16.4	16.3	16.4
Seattle, Wash.....	9.6	8.5	10.8	9.3	10.1	10.1
Spokane, Wash.....	.....	11.2	13.3	13.3	12.6	12.9
Syracuse, N. Y.....	14.9	15.2	15.3	15.7	14.5	14.5
Toledo, O.....	14.7	15.2	15.3	14.6	14.6	14.6
Washington, D. C.....	20.3	20.3	20.1	19.1	19.0	19.6
Worcester, Mass.....	17.1	17.5	19.1	16.7	15.5	16.9

*Nonregistration city.

DEATH RATES IN FOREIGN CITIES.

Per 1,000 persons living.

City.	1909.	1910.	City.	1909.	1910.
Amsterdam.....	13.1	12.2	Melbourne.....	12.5	12.7
Belfast.....	18.2	18.6	Milan.....	20.3	17.1
Berlin.....	15.1	14.7	Moscow.....	29.6	26.9
Breslau.....	20.3	19.1	Munich.....	17.6	15.9
Brussels.....	13.9	13.6	Paris.....	17.4	18.7
Budapest.....	19.2	19.3	Prague.....	19.1	18.4
Bucharest.....	26.4	25.6	Rotterdam.....	12.6	12.2
Christiania.....	12.7	11.9	St. Petersburg.....	24.6	24.1
Copenhagen.....	14.5	14.2	Stockholm.....	14.3	14.6
Dresden.....	20.3	19.1	The Hague.....	12.7	12.5
Edinburgh.....	15.3	14.0	Trieste.....	24.6	22.9
Glasgow.....	17.5	15.1	Turin.....	15.4	14.9
Hamburg.....	14.6	14.2	Venice.....	22.1	19.0
London.....	14.0	12.7	Vienna.....	16.8	15.8

DEATHS BY AGE AND SEX.

Sex and age.	1909.	1910.
Male.....	54.4	54.6
Female.....	45.6	45.4
Under 1 year.....	140.057	154,373
1 year.....	30,278	31,080
2 years.....	12,659	14,727
3 years.....	7,852	8,808
4 years.....	5,686	6,331
Under 5 years.....	196,534	217,319
5 to 9.....	16,142	17,943
10 to 14.....	10,761	11,736
15 to 19.....	18,138	19,772
20 to 24.....	27,303	30,216
25 to 29.....	29,733	32,741
30 to 34.....	29,905	32,731
35 to 39.....	32,965	35,665
40 to 44.....	32,115	35,523
45 to 49.....	34,646	37,412
50 to 54.....	36,423	40,958
55 to 59.....	37,007	40,582
60 to 64.....	42,475	46,021
65 to 69.....	46,649	50,630
70 to 74.....	45,610	50,500
75 to 79.....	41,989	45,500
80 to 84.....	29,680	33,372
85 to 89.....	16,532	18,029
90 to 94.....	5,486	6,175
95 to 99.....	1,321	1,427
100 and over.....	324	372
Unknown.....	794	788

*Less than one-tenth of 1 per cent.

DEATHS FROM CERTAIN CAUSES (1910).

Number in registration area and rate per 100,000 population.

Cause.	Number.	Rate.	Cause.	Number.	Rate.	Cause.	Number.	Rate.
All causes.....	805,412	1,495.3	Other tuberculosis.....	6,444	12.0	Hernia.....	6,673	12.4
Typhoid fever.....	12,673	23.5	Rheumatism.....	4,004	7.4	Cirrhosis of liver.....	7,485	13.9
Malaria.....	1,167	2.2	Cancer.....	41,039	76.2	Bright's disease.....	53,339	99.0
Smallpox.....	202	0.4	Diabetes.....	8,040	14.9	Puerperal fever.....	3,892	7.2
Measles.....	6,598	12.3	Meningitis.....	7,619	14.2	Congenital debility.....	40,348	74.9
Scarlet fever.....	6,255	11.6	Cerebral hemorrhage.....	40,767	75.7	Violence (except sui-		
Whooping cough.....	6,146	11.4	Heart dis. (organic).....	76,178	141.5	cide).....	48,606	90.3
Diphtheria, croup.....	11,521	21.4	Bronchitis.....	12,620	23.4	Suicide.....	8,590	16.0
Influenza.....	7,774	14.4	Pneumonia (all forms).....	79,524	147.7			
Erysipelas.....	2,442	4.5	Other respiratory dis.....	8,691	16.1			
Tuberculosis of lungs.....	75,211	139.7	Diarrhea, enteritis.....	54,266	100.3			
Tubercu. meningitis.....	4,654	8.6	Appendicitis.....	6,123	11.4			

*Includes other malignant tumors.

DEATHS FROM EXTERNAL CAUSES (1910).

Number in registration area and rate per 100,000 of population.

Cause.	No.	Rate.	Cause.	No.	Rate.	Cause.	No.	Rate.
Suicide.....	8,590	16.0	By machines.....	1,299	2.4	Lightning.....	156	0.3
Poisoning by food.....	157	0.3	Railroad accidents.....	7,877	14.6	Electricity, except light-		
Other poisonings.....	1,227	2.3	Street car accidents.....	1,949	3.6	ning.....	478	0.9
Conflagration.....	745	1.4	Automobile accidents.....	980	1.8	Fractures (cause not		
Burns (except conflagr.).....	4,182	7.8	Injuries by other vehi-			cles).....	623	1.2
Absorption of gas.....	1,379	2.6	cles.....	1,940	3.6	Other external violence.....	3,391	6.3
Drowning (accidental).....	4,818	8.9	Landslide.....	556	1.0	Homicide.....	3,190	5.9
Traumatism by firearms.....	1,161	2.2	Injuries by animals.....	502	0.9	By firearms.....	1,852	3.4
By cutting, etc.....	89	0.2	Starvation.....	38	0.1	By cutting instruments.....	462	0.8
By fall.....	8,305	15.4	Excessive cold.....	254	0.5	By other means.....	386	1.6
In mines and quarries.....	2,484	4.6	Effects of heat.....	826	1.5			

BIRTH RATE IN VARIOUS COUNTRIES.

Per 1,000 of population. By ten-year periods.

Country.	1881-1890.	1891-1900.	Country.	1881-1890.	1891-1900.	Country.	1881-1890.	1891-1900.
England and Wales.....	32.5	29.9	Hungary.....	44.0	40.6	Belgium.....	30.2	29.0
Scotland.....	32.5	30.2	Switzerland.....	28.1	23.1	France.....	23.9	22.2
Ireland.....	32.4	23.0	Germany.....	36.8	36.1	Portugal.....	33.0	30.6
Denmark.....	32.0	30.2	Prussia.....	37.4	36.7	Spain.....	36.4	35.3
Norway.....	30.8	30.3	Bavaria.....	36.8	36.5	Italy.....	37.8	34.9
Sweden.....	29.0	27.2	Saxony.....	41.8	39.5	Servia.....	45.0	41.7
Finland.....	34.9	32.2	Netherlands.....	34.2	32.5	Roumania.....	41.4	40.7
Austria.....	37.9	37.1						

The annual birth rate for the whole of the United States, as shown by the natural increase of population between 1890 and 1900, is within 2 per cent either way of 35.1 per 1,000 of mean population.

ATTEMPT TO ASSASSINATE VICTOR EMMANUEL.

Antonio d'Alba, 20 years of age, describing himself as an "individualist anarchist," fired three shots at King Victor Emmanuel of Italy in Rome, Thursday morning, March 14, 1912, as his majesty was on his way to the Pantheon to attend the annual memorial service in honor of his father, King Humbert, who was slain by an assassin at Monza July 29, 1900. All the shots went wide of the mark, but Maj. Lang, commander of the escort, was struck by one of the bullets and seriously wounded. The king, after a brief delay, proceeded to the Pantheon and attended the mass for his father, as though nothing unusual had occurred.

King Victor, who was in an open automobile with Queen Helena, was passing along the Via Lata

when D'Alba, hidden in the crowd, drew a revolver and fired three times. The people standing near turned upon him in fury and threatened to lynch him. When the police arrested him he had been handled so roughly that he was almost unable to speak. At the station he said he was a bricklayer by trade and that he was not connected with any anarchist association. His action, he declared, was intended as a protest against the organization of society. His mother claimed that attacks of pneumonia and meningitis had left him weak minded.

D'Alba was tried Oct. 8 and 9, and was sentenced to thirty years at penal servitude. This was the maximum penalty the court could impose, as the defendant was not of age.

ADMISSION OF ARIZONA.

Enabling act passed by 61st congress and approved by the president June 20, 1910.

Delegates to constitutional convention elected Sept. 12, 1910.

Convention began work Oct. 10; constitution completed and signed Dec. 9, 1910.

Constitution ratified by people at special election Feb. 9, 1911.

Joint resolution adopted by 62d congress Aug. 8 to admit territory as state after amendment of constitution.

Constitution amended and first state election held Dec. 12, 1911.

Proclamation of statehood signed by President Taft Feb. 14, 1912.

George W. P. Hunt, democrat, inaugurated as first governor Feb. 14, 1912.

LENGTH IN FEET OF CERTAIN MILES.

[From circular of hydrographic office, U. S. navy department.]

In the United States the nautical mile or knot or sea mile, used for the measurement of distances in ocean navigation, has a length of 6,080.27 feet; in England the nautical mile, corresponding to the "admiralty knot," is 6,080 feet; in France, Germany and Austria the nautical or sea mile has a

length of 6,076.23 feet. The geographic mile, which is the length of one minute of longitude of the equator of the terrestrial spheroid, is 6,087.15 feet long. The statute mile, used principally in measurements on land, is 5,280 feet.

EVENTS OF THE YEAR 1912.

FIRE LOSSES AND CASUALTIES.

Armourdale, Kas., June 21—Union Pacific grain elevator; loss, \$500,000.
 Atlantic City, N. J., March 29—Young's pier burned; loss, \$250,000.
 Avoca, Pa., March 25—Silk mills burned; loss, \$130,000.
 Benicia, Cal., Oct. 18—Fire in arsenal causes loss of \$3,000,000.
 Boston, Mass., Jan. 16—Revere house burned; loss, \$100,000.
 Chicago, Jan. 2—Swift & Co. warehouse in stockyards burned; loss, \$55,000.
 Chicago, Jan. 5—Transit house burned; one life lost; property loss, \$400,000.
 Chicago, Jan. 17—Old poorhouse at Dunning burned; loss, \$150,000.
 Chicago, Jan. 25—Building at 14-18 West Lake street burned; loss, \$200,000.
 Chicago, Jan. 25—Acme Malting company's plant burned; loss, \$200,000.
 Chicago, Feb. 5—Northern Malting company's plant burned; loss, \$500,000.
 Chicago, Feb. 8—Chicago Railways company warehouse burned; loss, \$300,000.
 Chicago, Feb. 14—Sandberg furniture store burned; loss, \$75,000.
 Chicago, March 7—Easley Machinery company's building burned; loss, \$150,000.
 Chicago, March 9—Lodging house at 651 South Clark street burned; six lives lost.
 Chicago, March 16—Building at 316-318 South Wabash avenue burned; loss, \$100,000.
 Chicago, March 26—One life lost in fire in Eckhart flour mills; property loss, \$150,000.
 Chicago, April 9—Six firemen injured by explosion at fire at 1186 Cherry street.
 Chicago, April 15—One man killed and three injured in fire at 7 West Michigan street; loss, \$150,000.
 Chicago, April 24—Heinz warehouse, 1814 South Clark street, burned; loss, \$200,000.
 Chicago, May 2—Fire at 32-34 South Wabash avenue causes loss of \$100,000.
 Chicago, May 16—Ice company's buildings, West 35th and Butler streets, burned; loss, \$250,000.
 Chicago, July 16—Plant of Northwestern Paper Stock company burned; loss, \$125,000.
 Chicago, Aug. 16—J. J. Badenoch company's elevator, 2002 West 17th street, burned; loss, \$200,000.
 Chicago, Sept. 3—National Malting company's elevator, South Chicago, burned; loss, \$250,000.
 Chicoutimi, Que., June 24—Cathedral, hotel and many homes burned; loss, \$2,500,000.
 Constantinople, Turkey, June 3—Two thousand houses burned in Stamboul.
 Damascus, Syria, April 26-27—Bazaar quarters burned; loss, \$10,000,000.
 Elgin, Ill., April 8—Fire in business district causes loss of \$150,000.
 Frankfort, Mich., Jan. 13—Royal Frontenac hotel burned; loss, \$100,000.
 Houston, Tex., Feb. 21—Twenty-five squares of manufacturing plants and cottages burned; loss, \$7,000,000.
 Houston, Tex., May 19—Four business buildings burned; loss, \$700,000.
 Kankakee, Ill., Oct. 3—Two blocks of buildings burned; loss, \$200,000.
 Kansas City, Kas., July 7—Part of Morris packing plant destroyed by fire; loss, \$250,000.
 Moline, Ill., Feb. 6—Plant of Barnard & Leas Manufacturing company burned; loss, \$500,000.
 New York, N. Y., Jan. 9—Equitable Life Assurance building burned; six lives lost; property loss, \$6,000,000.
 New York, N. Y., Jan. 17—Terminal Storage company's warehouse burned; loss, \$1,250,000.
 New York, N. Y., April 30—Exchange building on West 32d street burned; loss, \$500,000.
 Omaha, Neb., April 13—Mercantile building burned; loss, \$400,000.
 Osaka, Japan, Jan. 16-17—Fire destroys 4,576 buildings; twenty lives lost; property loss, \$13,000,000.
 Philadelphia, Pa., Feb. 4—Three factory buildings burned; loss, \$1,000,000.
 Philadelphia, Pa., Oct. 1—Pier 80 burned; loss, \$1,000,000.

Pittsburgh, Pa., April 26—Academy of Music burned; loss, \$150,000.
 Providence, R. I., May 7—Rever Rubber company's warehouse burned; loss, \$500,000.
 Rockford, Ill., Jan. 16—Gas plant burned; loss, \$200,000.
 St. Bernard, Que., Oct. 1—Ten children burned to death in home.
 St. Louis, Mo., Nov. 2—Berlin hotel burned; one life lost; property loss, \$350,000.
 St. Paul, Minn., Feb. 19—Grand Opera House burned; loss, \$100,000.
 St. Petersburg, Russia, Aug. 5—Palace of Peter the Great burned with other buildings; loss, \$1,000,000.
 San Antonio, Tex., Oct. 30—Five nuns and two children burned to death in orphanage fire.
 Santa Monica, Cal., Sept. 3—Six blocks of houses, hotels, piers, etc., burned; loss, \$2,500,000.
 Sioux City, Iowa, Jan. 30—Mondamin hotel and other buildings burned; loss, \$300,000.
 Thousand Islands Park, N. Y., July 9—Hotels, business houses and cottages burned; loss, \$500,000.
 Winnipeg, Man., Jan. 4—Excelsior motor works and other buildings burned; loss, \$200,000.
 Winnipeg, Man., March 9—Five men burned to death in warehouse fire.

MARINE DISASTERS.

A-3, British submarine, sunk in collision off Isle of Wight, Feb. 2—Fourteen lives lost.
 Allegheny, steamer, sunk in collision off Cape Henry, Virginia, Feb. 2—No lives lost.
 Carmania, Cunard liner, partly burned at Liverpool, England, dock June 2.
 Cecilia, steamer, sunk in Lake St. Louis, Quebec, Nov. 1—Sixteen lives lost.
 Delhi, British steamer, wrecked off Cape Spartel, Morocco, Dec. 13, 1911—Six lives lost.
 Fagundes Varella, steamer, burned off Brazilian coast, Oct. 7—Eighteen lives lost.
 Flora M. Hill, steamer, sunk in Lake Michigan off Chicago, March 11—No lives lost.
 Foxley, British steamer, wrecked off coast of Chile, March 18—Only three of crew rescued.
 Helvetia, steamship, sunk in collision on Atlantic, July 27—No lives lost.
 Herbert D. Maxwell, schooner, sunk in collision in Chesapeake bay, March 16—Four lives lost.
 Hungarian, steamer, burned on Lower Danube, June 20—Twenty-three lives lost.
 Koombana, British steamer, lost in typhoon off Australian coast, last week in March—130 lives lost.
 Nicaragua, steamer, sunk in Gulf of Mexico, Oct. 16—Six lives lost.
 Nile, excursion steamer, sunk in collision near Cairo, Egypt, April 8—200 lives lost.
 Obnevka, Russian steamer, sunk in Dvina river, Sept. 23—115 lives lost.
 Oceana, British steamer, sunk in collision in British channel, March 16—Fifteen lives lost.
 Royal George, British steamer, wrecked near Quebec, Ont., Nov. 6—No lives lost.
 Russ, Russian steamer, foundered in Black sea, Jan. 11—172 lives lost.
 Ryoha Maru and Mori Maru, Japanese steamers, sunk in collision off Nagasaki, Feb. 13—Forty-six lives lost.
 Sarah Dixon, river steamer, blown up at Kalama, Wash., Jan. 19—Four lives lost.
 Submarine B-2, sunk in collision with steamship Amerika off Dover, Eng., Oct. 4—Fifteen lives lost.
 Texas, steamer, blown up by mine at entrance to Gulf of Smyrna, April 30—Sixty-four of passengers drowned.
 Titanic, steamship, sunk after collision with iceberg in north Atlantic, April 15—Lives lost, 1,517. (See page 151.)
 Vendemiaire, French submarine, sunk in collision at Cherbourg, June 8—Twenty-six lives lost.
 Walke, torpedo boat destroyer, damaged by explosion Oct. 1 off Newport, R. I.—Three men killed.
 Wistow Hall, British steamer, foundered off coast of Aberdeenshire, Scotland, Jan. 18—Fifty-three drowned.

STORMS AND FLOODS.

Alton, Ill., July 14—Four persons killed by cloudburst and flood; property loss, \$250,000.

Arkansas, Feb. 25—Tornado in Lincoln, Jefferson and Arkansas counties causes loss of seven lives and \$100,000 in property.

Bilbao, Spain, Aug. 14-15—Fourteen fishing boats sunk in storm; 119 lives lost.

Buffalo, Wyo., June 11—Cloudburst causes loss of one life and \$300,000 damage.

Bush, Ill., April 21—Eighteen persons killed and forty injured by tornado.

Butler, Okla., April 27—Nine persons killed by tornado; many injured.

Chicago, Feb. 22—City and greater part of west visited by severe storm of wind and snow.

Chicago, Sept. 2—City visited by severe rain and electrical storm; loss, \$100,000.

Cherry Valley, Pa., Sept. 2—Six lives lost in flood.

Colliers, W. Va., Sept. 2—Eighteen lives lost in flood.

Denver, Col., July 14—Cloudburst causes several deaths and destruction of \$1,500,000 worth of property; hundreds made homeless.

Dunbar, Pa., July 24—Much damage done by flood.

England, Aug. 25-27—Heavy rains cause loss of \$35,000,000.

Foss, Okla., April 27—Ten persons killed by tornado; twenty-five injured.

Grand Rapids, Mich., July 13—Forty persons injured by tornado.

Grant Park, Ill., April 21—Fifty persons injured by tornado; property damage heavy.

Illinois and Indiana, April 21—Many towns in Illinois and Indiana struck by severe wind storms; more than fifty lives lost; 200 persons injured; property loss is \$1,000,000.

Jamaica, Nov. 15-20—More than 100 lives lost in heavy storms.

Japan, Sept. 2—Heavy loss of life caused by typhoon; property loss, \$20,000,000.

Kenosha, Wis., July 13—Tornado kills one person, injures many others and causes property loss of \$30,000.

Lebanon, O., Aug. 28—Cloudburst floods town, causing heavy damage.

Mexico, July 14-15—Cloudbursts and floods in state of Guanajuato cause loss of 1,000 lives and \$20,000,000 worth of property.

Mississippi Valley, March and April—See "Flood in the Mississippi Valley."

Missouri, June 15—Twenty-nine persons killed in Bates and Johnson counties.

Morocco, Ind., April 21—Nine persons killed and twelve injured by tornado.

Murphysboro, Ill., April 21—Three persons killed and five injured by tornado.

Nelagony, Okla., June 15—Four persons killed by tornado.

Niles, Mich., Aug. 18—City and vicinity visited by severe rainstorm; loss, \$1,000,000.

Norwich, England, Aug. 27—Flood makes 7,000 persons homeless.

Oklahoma and Texas, April 27—Tornado sweeps over part of Oklahoma and Texas; sixty lives lost.

Onondaga County, New York, Sept. 15—Three persons killed and fifty injured by tornado; property loss, \$250,000.

Pennsylvania, West Virginia and Ohio, Sept. 1-2—Cloudbursts cause forty-three deaths and \$5,000,000 loss.

Philippines, Oct. 16—Typhoon causes loss of 1,000 lives and \$20,000,000 worth of property.

Regina, Saskatchewan, June 30—Part of town destroyed by tornado; fifty lives lost; property loss, \$10,000,000.

Seven Troughs, Nev., July 17—Twenty lives lost in flood caused by cloudburst.

Shelby, Ind., March 30—Loss of \$500,000 caused by flood in and near Shelby and Schneider.

Shreveport, La., Feb. 20—Eight persons killed and forty injured by tornado.

Skiatook, Okla., May 27—Seven persons killed and a score injured by tornado.

Spain, Feb. 7—Whole country swept by storms and floods; loss of life and property heavy.

Texas Panhandle, Feb. 25—Seven ranch employees die in blizzard.

Wausau, Wis., July 24—Large amount of property destroyed by flood in Wisconsin river.

Wen-Chow, China, Aug. 28—Wen-Chow and vicinity in Chekiang province devastated by typhoon and flood; 30,000 to 40,000 lives lost.

Willsville, Ill., April 21—Five persons killed and forty injured by tornado.

Wisconsin, Sept. 1-2—Floods in various parts of state do heavy damage.

RAILROAD WRECKS.

Central Brazilian road, Aug. 1—One hundred persons killed or injured in collision.

Chicago & Alton road, near Bloomington, Ill., June 8—Twenty persons injured.

Chicago & Northwestern line, near Lyndhurst, Wis., Sept. 1—Seven killed and twenty-three hurt in wreck caused by washout.

Chicago, Burlington & Quincy road, at Western Springs, Ill., July 14—Thirteen persons killed and a score hurt in collision.

Chicago Great Western, near Dunkerton, Iowa, March 14—Twenty-five persons injured.

Chicago, Milwaukee & Puget Sound road, near Ketchikan, Wash., Aug. 12—Five persons killed.

Chicago, Milwaukee & St. Paul road, near Oakwood, Wis., March 14—Thirty-four persons injured.

Chicago, St. Paul, Minneapolis & Omaha line, near Camp Douglas, Wis., Sept. 2—Four killed and thirty-six injured in wreck caused by washout.

Cincinnati, Hamilton & Dayton road, Nov. 13—Fifteen persons killed in wreck at Irvington, Ind.

Delaware, Lackawanna & Western road, near Cornington, N. Y., July 4—Forty persons killed, fifty injured, in collision.

Georgia road, near Social Circle, Ga., March 8—Three killed, twenty injured.

Great Northern road, Feb. 13—Eighteen persons hurt by derailment of train at Dayton, N. D.

Illinois Central line, Jan. 22—Four killed and two injured in collision at Kinmundy.

Ligonier Valley road, at Wilpen, Pa., July 5—Nineteen persons killed and twenty-eight injured in collision.

Mexican Central line, at Calera, Mex., Sept. 5—Twelve killed and four injured in collision.

New Orleans & Northwestern road, near Hattiesburg, Miss., May 6—Ten persons killed and forty injured.

New York Central, at Hyde Park, N. Y., March 13—Fourteen persons injured when train plunges in river.

New York, New Haven & Hartford road, near Westport, Conn., Oct. 3—Seven killed, many injured.

Nickel Plate road, near Erie, Pa., Sept. 10—Twenty-eight persons injured.

Pennsylvania line, at Warrior's Ridge, Pa., Feb. 15—Three persons killed and sixty-seven injured.

Pennsylvania line, Feb. 17—Five men killed and eleven injured in collision at Larwill, Ind.

Pennsylvania line, near Middleport, O., Aug. 17—Many persons hurt by wreck of eighteen-hour train.

Pennsylvania line, near Derry, Pa., Sept. 10—Two killed, six hurt.

Pere Marquette road, near Michigan City, Ind., July 16—Twenty persons injured by train leaving track.

Southern railway, near Milledale, Ala., Feb. 27—Two killed, six injured.

Southern railway, at Plainville, Ga., Sept. 25—Three killed, fifteen injured.

Wabash road, March 7—Four killed and sixty injured by train leaving track near West Lebanon, Ind.

Western & Atlantic road, near Dalton, Ga., June 12—Three persons killed and fifty injured.

Yazoo & Mississippi Valley road, Nov. 11—Fourteen persons killed in wreck at Mounts, La.

MINE DISASTERS.

Abernant, Ala., Aug. 13—Nineteen men killed in coal mine explosion.

Bruay, France, Sept. 3—Thirty-seven men killed by explosion in coal mine.

Conisbrough, England, July 9—Eighty miners and

rescuers killed by two explosions in Cadeby colliery.
 Evans Station, Pa., July 24—Thirteen men drowned in Superba mine No. 2.
 Gerthe, Germany, Aug. 8—Explosion of black damp and coal dust in mine causes loss of 103 lives.
 Ironwood, Mich., May 13—Seven men killed by cave-in at Norrie mine.
 Jed, W. Va., March 26—Eighty men killed by explosion in coal mine.
 Lehigh, Okla., Feb. 22—Seven men killed in mine fire.
 Merritt, B. C., March 7—Fifteen men killed by explosion in Diamond Vale collieries.
 Moundsville, W. Va., July 11—Eight men killed by explosion in Panama coal mine.
 McCurtain, Okla., March 20—Eighty-one killed by explosion in coal mine.
 Trinidad, Col., June 19—Thirteen men killed by explosion in Hastings mine.

MISCELLANEOUS CASUALTIES.

Alexis, O., July 28—Six persons killed and three injured when train strikes automobile.
 Atlantic City, N. J., July 2—Melvin Vaniman and four others killed by explosion of dirigible balloon Akron.
 Bilbao, Spain, Nov. 24—Fifty persons killed in theater panic.
 Binz, Germany, July 29—More than a score of persons drowned by collapse of steamer landing stage.
 Buffalo, N. Y., June 23—Thirty-nine persons drowned by collapse of dock at Eagle park, Grand island, Niagara river.
 Chicago, March 26—Three men killed and eleven injured by explosion in McCormick Harvester works.
 Chicago, April 4—Three persons killed and sixteen injured in collision between street car and train.
 Chicago, May 20—Five persons drowned when automobile plunges into Calumet river at 92d street.
 Countersville, Pa., Feb. 6—Electric car goes over 200 foot embankment; five persons killed.
 Dallas, Tex., Oct. 6—Six lives lost in collision of automobile and interurban car.
 Fort Lake, Ill., May 8—Naphtha launch sinks; seven persons drowned.
 Geneva, Ill., July 2—Four persons killed in collision between automobile and train.
 Lake Bluff, Ill., Sept. 15—Eleven young men at naval training station drowned.
 Marion, Ind., July 7—Four persons killed and a dozen injured in collision of interurban cars.
 Newark, N. J., Sept. 8—Six killed and thirteen injured when motorcycle leaves track at races.
 Norwalk, O., March 22—Six inmates of infirmary asphyxiated by gas.
 Parkway, Ill., Aug. 29—Thirty-five persons hurt in collision between electric car and train.
 Petaluma, Cal., Oct. 20—Forty persons hurt by automobile explosion.
 Philadelphia, Pa., Oct. 6—Nine young men killed by fall of automobile from high trestle.
 Riverside, Ill., April 29—Three persons in automobile killed in collision with train.
 San Antonio, Tex., March 18—Thirty-two men killed by explosion of locomotive.
 Scranton, Pa., March 20—Nine persons killed by a gas explosion.
 Sheppey island, England, Aug. 4—Nine boy scouts drowned by capsizing of a cutter.
 Tambov, Russia, June 11—Fifty-nine laborers burned to death in a barn.
 Tampico, Mexico, Oct. 7—Nearly 100 persons killed by powder explosion.
 Turkey, Aug. 8—Many towns and villages in region of Dardanelles destroyed by earthquakes; about 1,000 killed and 5,000 injured.
 Villareal, Spain, May 27—Eighty persons killed and 100 injured in theater fire.
 Waukegan, Ill., Nov. 25—Six or more men killed by explosion in mill; many injured.
 Wiener-Neustadt, Austria, June 7—Twelve persons killed and many injured by explosion in powder factory.
 Wilkesbarre, Pa., March 28—Family of five burned to death at Askam.
 Zanesville, O., June 16—Three persons killed by fall of church steeple in storm.

LUMBER PRODUCTION IN THE UNITED STATES (1910).

State.	M feet.	PRODUCTION BY SPECIES.	M feet.
Alabama	1,465,623	Ash	246,035
Arizona	72,655	Basswood	344,704
Arkansas	1,844,446	Beech	487,325
California	1,254,826	Birch	420,769
Colorado	121,398	Cedar	415,039
Connecticut	126,463	Chestnut	535,049
Delaware	46,642	Cottonwood	220,305
Florida	992,091	Cypress	935,659
Georgia	1,041,617	Douglas fir	5,203,644
Idaho	745,984	Elm	265,107
Illinois	113,506	Hemlock	2,836,129
Indiana	422,963	Maple	1,006,637
Iowa	75,446	Oak	3,522,098
Kansas	639	Poplar (yellow)	734,926
Kentucky	753,556	Red gum	610,208
Louisiana	3,733,990	Redwood	543,493
Maine	860,273	Spruce	1,449,912
Maryland	154,554	Western pine	1,562,106
Massachusetts	239,206	White pine	3,352,183
Michigan	1,681,081	Yellow pine	14,143,471
Minnesota	501,691	Species.	M feet.
Montana	319,089	All other	1,233,483
New Hampshire	443,997		
New Jersey	36,542	Total	40,018,282
New Mexico	83,544		
New York	506,074		
North Carolina	1,824,722		
Ohio	490,039		
Oklahoma	164,663		
Oregon	2,084,633		
Pennsylvania	1,241,199		
Rhode Island	14,392		
South Carolina	706,831		
South Dakota	16,340		
Tennessee	1,016,475		
Texas	1,884,134		
Utah	11,786		
Vermont	284,815		
Virginia	1,652,192		
Washington	4,097,492		
West Virginia	1,376,737		
Wisconsin	1,891,291		
Wyoming	30,931		
All other	11,955		
Total, 1910	40,018,282		
Total, 1909	44,509,761		

SHINGLE PRODUCTION.

States.	Thousands.
Alabama	142,810
Arkansas	132,721
California	453,839
Florida	171,421
Georgia	317,663
Louisiana	776,691
Maine	436,965
Michigan	696,652
North Carolina	169,119
Oregon	319,984
Washington	8,333,639
Wisconsin	317,670
All other	707,873
Total, 1910	12,976,362
Total, 1909	14,907,371

RAILROAD TRAIN SPEED.

Time	1 mile.	Miles	Time	1 mile.	Miles	Time	1 mile.	Miles
Min.	Sec.	per hour.	Min.	Sec.	per hour.	Min.	Sec.	per hour.
0:36	..	100.00	1:11	..	50.70	1:46	..	33.96
0:37	..	97.30	1:12	..	50.00	1:47	..	33.64
0:38	..	94.74	1:13	..	49.31	1:48	..	33.33
0:39	..	92.31	1:14	..	48.65	1:49	..	33.03
0:40	..	90.00	1:15	..	48.00	1:50	..	32.73
0:41	..	87.80	1:16	..	47.37	1:51	..	32.43
0:42	..	85.71	1:17	..	46.74	1:52	..	32.14
0:43	..	83.72	1:18	..	46.15	1:53	..	31.86
0:44	..	81.82	1:19	..	45.57	1:54	..	31.58
0:45	..	80.00	1:20	..	45.00	1:55	..	31.30
0:46	..	78.26	1:21	..	44.44	1:56	..	31.03
0:47	..	76.59	1:22	..	43.90	1:57	..	30.77
0:48	..	75.00	1:23	..	43.37	1:58	..	30.51
0:49	..	73.47	1:24	..	42.86	1:59	..	30.25
0:50	..	72.00	1:25	..	42.35	2:00	..	30.00
0:51	..	70.59	1:26	..	41.86	2:01	..	29.75
0:52	..	69.23	1:27	..	41.38	2:02	..	29.52
0:53	..	67.92	1:28	..	40.91	2:03	..	29.27
0:54	..	66.66	1:29	..	40.45	2:04	..	29.03
0:55	..	65.45	1:30	..	39.99	2:05	..	28.80
0:56	..	64.29	1:31	..	39.56	2:06	..	28.57
0:57	..	63.16	1:32	..	39.13	2:07	..	28.34
0:58	..	62.07	1:33	..	38.71	2:08	..	28.12
0:59	..	61.02	1:34	..	38.29	2:09	..	27.91
1:00	..	60.00	1:35	..	37.89	2:10	..	27.69
1:01	..	59.02	1:36	..	37.50	2:11	..	27.48
1:02	..	58.06	1:37	..	37.11	2:12	..	27.27
1:03	..	57.14	1:38	..	36.73	2:13	..	27.09
1:04	..	56.25	1:39	..	36.36	2:14	..	26.87
1:05	..	55.39	1:40	..	36.00	2:15	..	26.67
1:06	..	54.55	1:41	..	35.64	2:16	..	26.47
1:07	..	53.73	1:42	..	35.29	2:17	..	26.28
1:08	..	52.94	1:43	..	34.95	2:18	..	26.06
1:09	..	52.17	1:44	..	34.61	2:19	..	25.80
1:10	..	51.43	1:45	..	34.29	2:20	..	25.72

DEATH ROLL OF THE YEAR 1912.

From Dec. 1, 1911, to Dec. 1, 1912.

UNITED STATES.

- Anderson, Carl C. (1877), congressman, at Fostoria, O., Oct. 1.
- Arbuckle, John (1838), coffee merchant, in Brooklyn, N. Y., March 27.
- Astor, John Jacob (1864), capitalist; died in Titanic wreck, April 15.
- Avery, Robert (1839), brigadier-general, U. S. A., retired, in New York, N. Y., Oct. 2.
- Aycock, Charles B. (1859), former governor of North Carolina, in Birmingham, Ala., April 4.
- Ayme, Louis Henry (1855), consul-general, in Lisbon, Portugal, May 16.
- Barr, Albert J. (1851), newspaper publisher, in Pittsburgh, Pa., Feb. 24.
- Barrison, Mabel, actress, in Toronto, Ont., Oct. 31.
- Barton, Miss Clara (1821), founder of American Red Cross society, in Washington, D. C., April 12.
- Berry, Henry J. (1832), manufacturer, Jacksonville, Fla., Sept. 11.
- Biddle, Miss Katherine C. (1816), civil war nurse, in Philadelphia, Pa., March 14.
- Bigelow, John (1817), diplomat and author, in New York, N. Y., Dec. 19, 1911.
- Bingham, Henry H. (1841), congressman, in Philadelphia, Pa., March 23.
- Blaustein, David (1870), educator, in Cold Springs, N. Y., Aug. 26.
- Bond, Isabella T. (1868), mission worker, in Georgia, Fla., March 17.
- Boniface, George C. (1833), actor, in New York, N. Y., Jan. 3.
- Borup, George (1885), explorer, drowned in Long Island sound, April 28.
- Boss, Lewis (1846), astronomer, in Albany, N. Y., Oct. 5.
- Bragg, Edward S. (1827), noted officer in civil war, in Fond du Lac, Wis., June 20.
- Butt, Archibald, major, U. S. A., in Titanic wreck, April 15.
- Byrd, Adam (1850), ex-congressman, at Hot Springs, Ark., June 21.
- Calhoun, Alfred R. (1844), civil war veteran, in Brooklyn, N. Y., Sept. 1.
- Carleton, Edmund (1839), professor of surgery, in New York, N. Y., June 17.
- Carrington, Henry (1824), brigadier-general in civil war, in Hyde Park, Mass., Oct. 26.
- Carson, John M. (1838), journalist, in Philadelphia, Pa., Sept. 29.
- Casson, Henry (1843), former sergeant-at-arms of national house of representatives, in Madison, Wis., Sept. 24.
- Chase, Stephen A. (1839), treasurer of Christian Science Church of America, in Fall River, Mass., June 6.
- Church, A. B. (1858), educator, in Akron, O., Nov. 17.
- Clanahan, Willis L. (1867), poet and humorist, in St. Louis, Mo., Aug. 19.
- Collins, Loren W. (1838), jurist, in Minneapolis, Minn., Sept. 27.
- Connell, Richard E. (1857), congressman, in Poughkeepsie, N. Y., Oct. 30.
- Crane, Edith (Mrs. Tyrone Power) (1865), actress, in New York, N. Y., Jan. 3.
- Cupples, Samuel (1831), philanthropist, in St. Louis, Mo., Jan. 6.
- Cutting, William B. (1840), New York capitalist, on train near Rock Island, Ill., March 1.
- Davenport, Homer (1867), cartoonist, in New York, N. Y., May 2.
- Dean, Walter L. (1854), artist, in East Gloucester, Mass., March 14.
- Decker, Mrs. Sarah P., former president of the General Federation of Women's Clubs, in San Francisco, Cal., July 7.
- Delaney, "Billy" (1854), sportsman, in Oakland, Cal., Jan. 25.
- Dodge, L. A. (1845), war correspondent, in Worcester, Mass., Feb. 20.
- Doyle, James (1888), ball player, in Syracuse, N. Y., Feb. 1.
- Drummond, David D. (1861), manufacturer, in Oglesby, Ill., March 8.
- Duffield, Henry M. (1840), officer in civil and Cuban wars, in Detroit, Mich., July 13.
- Duncan, Joseph W. (1854), general, U. S. A., in San Antonio, Tex., May 14.
- Evans, Robley D. (1846), rear-admiral, U. S. N., in Washington, D. C., Jan. 3.
- Eytting, Rose (1835), actress, at Amityville, N. Y., Dec. 20, 1911.
- Fischer, William G. (1835), hymn writer, in Philadelphia, Pa., Aug. 13.
- Fletcher, Eugene B. (1847), editor, in Morris, Ill., March 9.
- Ford, Elias A. (1840), railroad official, in Pasadena, Cal., Jan. 20.
- Foster, David J. (1857), Vermont congressman, in Washington, D. C., March 21.
- Freer, Paul C. (1862), physician, in Manila, P. I., April 17.
- Funk, Isaac K. (1839), publisher, in New York, N. Y., April 4.
- Furness, Horace H. (1833), Shakespearean scholar, at Philadelphia, Pa., Aug. 13.
- Futrelle, Jacques (1875), author, in Titanic wreck, April 15.
- Gilbert, Mrs. Louise (1833), writer, in Cincinnati, O., July 15.
- Gilson, Lottie, actress, in New York, N. Y., June 10.
- Gordon, W. W. (1834), confederate officer in civil war, at White Sulphur Springs, W. Va., Sept. 11.
- Grady, Thomas F., Tammany Hall leader, in New York, N. Y., Feb. 3.
- Grafton, Charles C. (1830), episcopal bishop, in Fond du Lac, Wis., Aug. 30.
- Grant, Frederick Dent (1850), major-general, U. S. A., in New York, N. Y., April 11.
- Griscom, Clement A. (1820), ship owner, in Haverford, Pa., Nov. 10.
- Guggenheim, Benjamin, New York, capitalist, in Titanic wreck, April 15.
- Harris, Henry B. (1866), theatrical manager, in wreck of Titanic, April 15.
- Hardy, William F. (1850), political leader, in Philadelphia, Pa., April 17.
- Hasha, Edward, motorcyclist, at Newark, N. J., Sept. 8.
- Havenor, Charles S. (1865), baseball club owner, in Milwaukee, Wis., April 3.
- Hawley, Edwin (1850), railroad president, in New York, N. Y., Feb. 1.
- Hayes, E. M. (1841), brigadier-general, U. S. A., retired, in Morgantown, N. C., Aug. 15.
- Hayne, James H. (1841), newspaper correspondent, in Newton Center, Mass., May 15.
- Heilprin, Louis (1852), scholar, in New York, N. Y., Feb. 13.
- Herron, John W. (1827), attorney, in Cincinnati, O., Aug. 5.
- Heyburn, Weldon B. (1852), senator from Idaho, in Washington, D. C., Oct. 17.
- Higgins, Anthony (1841), ex-United States senator, in New York, N. Y., June 26.
- Hill, John F. (1855), former governor of Maine, in Boston, Mass., March 16.
- Hite, Mabel (1885), actress, in New York, N. Y., Oct. 22.
- Hohenadel, P. (1863), canning factory owner, in Janesville, Wis., June 23.
- Hoyt, John W. (1832), former governor (territorial) of Wyoming, in Washington, D. C., May 23.
- Hubbard, Elbert H. (1849), congressman, in Sioux City, Iowa, June 4.
- Huff, George F. (1842), capitalist, in Washington, D. C., April 18.
- Hutchins, Stilson (1838), journalist and philanthropist, in Washington, D. C., April 22.
- Hutchinson, J. H. (1855), educator, in Madison, Wis., Jan. 8.
- Johnson, Henry W. (1859), clergyman, in South Bend, Ind., April 10.
- Jones, W. A. (1844), former commissioner of Indian affairs, in Mineral Point, Wis., Sept. 17.
- Keppel, Frederick (1845), art expert, in New York, N. Y., March 7.
- Kerwin, George M. (1836), Irish patriot, in New York, N. Y., June 20.
- King, Hamilton (1852), diplomat, in Bangkok, Siam, Sept. 2.

Lamberton, Benjamin P. (1844), rear-admiral, U. S. N., in Washington, D. C., June 9.
 Lanning, William M. (1849), judge, in Trenton, N. J., Feb. 16.
 Lochren, William (1832), jurist, in Minneapolis, Minn., Jan. 28.
 MacArthur, Arthur (1845), lieutenant-general, U. S. A., retired, in Milwaukee, Wis., Sept. 5.
 Mack, Isaac F. (1844), editor, in Cleveland, O., April 18.
 Malley, William, socialist leader, New York. N. Y., Sept. 4.
 Matthews, W. S. B. (1837), music critic, in Denver, Col., April 1.
 Melville, George Wallace (1840), rear-admiral, U. S. N., retired, in Philadelphia, Pa., March 17.
 Millet, Francis D. (1846), artist, in Wreck of Titanic, April 15.
 Money, Hernando De Soto (1839), former United States senator, in Biloxi, Miss., Sept. 18.
 Morris, Thomas J. (1838), jurist, in Baltimore, Md., June 6.
 Munroe, George H. (1844), Joliet, Ill., banker, at Daytona, Fla., Feb. 1.
 Myers, William S. (1816), manufacturer, in Lockport, Ill., April 20.
 McChesney, Dora G. (1871), author, in London, England, July 5.
 Nixon, George S. (1860), United States senator from Nevada, in Washington, D. C., June 5.
 Noble, John W. (1831), ex-secretary of the interior, in St. Louis, Mo., March 22.
 Noyes, Thomas C. (1868), editor, in Washington, D. C., Aug. 21.
 Olson, C. J. (1861), clergyman, in Brooklyn, N. Y., Dec. 16, 1911.
 O'Reilly, Robert M. (1845), major-general and former surgeon-general, in Washington, D. C., Nov. 3.
 Osborn, Bradley S. (1827), explorer, in New York, N. Y., May 6.
 Parker, Samuel W. (1844), hotel man, in Boston, Mass., July 30.
 Peffer, William A. (1831), ex-United States senator, in Grenola, Kas., Oct. 7.
 Phillips, Isaac N. (1845), former Supreme court reporter, in Bloomington, Ill., Oct. 3.
 Porter, James D. (1828), former governor, in Paris, Tenn., May 19.
 Potter, Lewis (1873), sculptor, in Seattle, Wash., Aug. 29.
 Roebling, Washington A. (1837), engineer, lost on Titanic, April 15.
 Rose, James A. (1850), secretary of state, in Springfield, Ill., May 29.
 Rotch, Abbot L. (1861), meteorologist, in Boston, Mass., April 7.
 Kuhl, Gus (1872), pugilist, in Brooklyn, N. Y., Feb. 13.
 Russell, John (1822), clergyman and temperance advocate, in Detroit, Mich., Nov. 4.
 Sanger, Charles B. (1860), professor of chemistry, in Cambridge, Mass., Feb. 25.
 Sangster, Margaret E. (1838), author, in Maplewood, N. J., June 4.
 Shaler, Alexander (1816), major-general, in New York, N. Y., Dec. 28, 1911.
 Shelley, Miss Kate (1867), noted heroine, in Boone, Iowa, Jan. 21.
 Sherman, James S. (1855), vice-president of the United States, in Utica, N. Y., Oct. 30.
 Shelvin, Thomas H. (1852), Minneapolis lumberman, in Pasadena, Cal., Jan. 15.
 Skinner, James W. (1838), insurance man, in Milwaukee, Wis., April 18.
 Smalley, Harrison S. (1878), educator, in Charlevoix, Mich., Sept. 23.
 Smith, Gerrit (1859), composer, in Darien, Conn., July 21.
 Smith, James (1837), manufacturer, in Minneapolis, Minn., Oct. 27.
 Snowden, A. Loudon (1837), diplomat, in Philadelphia, Pa., Sept. 6.
 Spratt, Isidor (1845), New York merchant and capitalist, died in wreck of Titanic, April 15.
 Sumner, E. V. (1835), brigadier-general, U. S. A., retired, in San Francisco, Cal., Aug. 24.
 Talmage, Frank De Witt (1868), clergyman, in Philadelphia, Pa., Feb. 9.

Tarrant, Warren D. (1867), judge, in Milwaukee, Wis., May 14.
 Tatum, David (1823), clergyman, in Joplin, Mo., Sept. 29.
 Taylor, Robert Love (1850), United States senator from Tennessee, in Washington, D. C., March 31.
 Terrell, J. M. (1861), ex-United States senator, in Atlanta, Ga., Nov. 17.
 Thayer, Edward R. (1815), merchant and friend of Lincoln, in Springfield, Ill., Sept. 9.
 Thayer, John B. (1847), railway official, in wreck of Titanic, April 15.
 Utter, George H. (1854), congressman, in Westerley, R. I., Nov. 3.
 Walker, Daniel S., lawyer and editor, in Hoboken, N. J., June 5.
 Warren, Henry W. (1831), bishop, in Denver, Col., July 23.
 Washburn, William D. (1831), ex-United States senator, in Minneapolis, Minn., July 29.
 Weaver, James B. (1833), greenback and populist candidate for president in 1880 and 1892, in Des Moines, Iowa, Feb. 6.
 Wells, Almond B. (1842), brigadier-general, U. S. A., retired, at Geneva, Wis., Sept. 7.
 Wheeler, Guy (1820), pioneer, in Janesville, Wis., July 7.
 Wichliffe, Robert C. (1874), congressman from Louisiana, in Washington, D. C., June 11.
 Wells, Kate Gannett (1838), author, in Boston, Mass., Dec. 13, 1911.
 Wharton, Oliver P. (1830), pioneer Illinois editor, in Los Angeles, Cal., May 21.
 White, Truman C. (1840), jurist, in Buffalo, N. Y., Feb. 7.
 Widener, George D., Philadelphia capitalist, in Titanic wreck, April 15.
 Wilson, Christopher C. (1845), promoter, in Atlanta, Ga., Aug. 26.
 Wilson, John L. (1850), former United States senator, in Washington, D. C., Nov. 6.
 Wines, Frederick H. (1838), charity expert, in Springfield, Ill., Jan. 31.
 Woodworth, Dr. William McMichael, zoologist, in Cambridge, Mass., May 31.
 Wright, Ammi W. (1823), philanthropist, in Alma, Mich., May 5.
 Wright, Wilbur (1867), aeroplane inventor, in Dayton, O., May 30.
 Yeamans, Mrs. Annie (1836), actress, in New York, N. Y., March 3.
 Young, Lucien (1852), rear-admiral, U. S. N., in New York, N. Y., Oct. 2.

CHICAGO.

Adams, John B. (1855), grain broker, Dec. 13, 1911.
 Adland, Knud (1829), retired business man, May 5.
 Alther, Enrick (1862), educator, March 28.
 Amory, William A. (1837), auditor, June 9.
 Anthony, Henry G., professor of dermatology, July 10.
 Arnold, Adolph (1849), business man, Aug. 6.
 Atkinson, John F., founder of Chicago Boys' club, at Hartland, Wis., May 8.
 Avery, Daniel J. (1837), attorney, April 16.
 Baird, Mrs. Olivia Green, June 16.
 Baldwin, Aaron D. (1851), editor, Oct. 27.
 Baldwin, George F. (1854), board of trade operator, Sept. 14.
 Barker, William (1864), fireman, March 20.
 Baur, Jacob (1856), manufacturer, July 19.
 Baxter, Thomas M., former board of trade director, April 9.
 Beifield, Henry H. (1840), educator, in Ann Arbor, Mich., June 5.
 Benjamin, Paul, press agent, in Liverpool, England, May 31.
 Bent, Charles A. (1861), manufacturer, April 8.
 Berman, L. (1839), merchant, Aug. 11.
 Biroth, Henry (1839), Chicago druggist, in Baden Baden, Germany, May 29.
 Blessing (1839), street railway official, April 21.
 Block, Isaac (1840), business man, July 11.
 Bradley, Timothy S. (1847), pioneer, in Elk Grove, Aug. 15.
 Bros, Miss Jennie A. (1828), teacher, Sept. 6.
 Brown, Edwin F. (1862), banker, Feb. 15.
 Buckingham, Ebenezer (1829), banker, Feb. 25.
 Burch, L. D. (1831), veteran of civil war, in Evans-ton, Ill., Feb. 23.

- Burgess, Thomas (1833), master mechanic, May 19.
 Burnham, Daniel H. (1846), architect, in Heidelberg, Germany, June 1.
 Burt, William (1828), merchant, June 6.
 Butler, Julius W. (1827), manufacturer, in Oak Park, Oct. 17.
 Butterfield, John S. (1833), lumberman, May 3.
 Case, Elisha W. (1833), pie-maker, April 5.
 Casey, Edward D. (1855), railway official, March 18.
 Chapman, William S. (1842), telephone official, Feb. 5.
 Charlton, Mrs. Elizabeth (1862), Feb. 12.
 Chattell, Bertram M. (1856), banker, July 27.
 Chavis, Jordan (1856), clergyman, Oct. 3.
 Chenoweth, William Hall (1826), veteran of civil war, May 8.
 Clark, J. Scott (1854), educator, in Evanston, Dec. 28, 1911.
 Clark, Miss Mary (1837), governess, April 6.
 Clow, William T. (1874), manufacturer, March 15.
 Coady, Mrs. Emily (1828), philanthropist, March 30.
 Cooke, William J. (1845), manufacturer, March 20.
 Corkery, Mrs. Mary A. (1859), June 21.
 Crafts, Miles B. (1840), board of trade operator, at Greenville Junction, Me., Sept. 4.
 Crane, Richard T. (1832), manufacturer, Jan. 8.
 Crawley, James C. (1855), merchant, March 18.
 Crosby, William S. (1846), board of trade operator, Aug. 19.
 Crowe, Frank (1855), former judge, at Lake Geneva, Wis., Jan. 26.
 Cunningham, William B. (1838), lawyer, Sept. 25.
 Curtiss, Charles W. (1830), educator, Sept. 27.
 Dauchy, George K. (1829), manufacturer, Jan. 20.
 Dawes, Rufus S. (1891), at Lake Geneva, Wis., Sept. 5.
 De Forest, Mrs. George V., charitable worker, Oct. 27.
 Denison, Andrew J. (1866), coffee dealer, May 16.
 Devlin, Joseph (1843), veteran of civil war, May 20.
 Dickinson, Edward (1864), banker, July 4.
 Doerr, John P. (1853), architect, Jan. 5.
 Duncanson, Mrs. Lillian (1894), Sept. 4.
 Dunne, John M. (1853), priest, May 18.
 Eberhardt, Max (1844), jurist, June 15.
 Edwards, Charles (1846), lithographer, Sept. 23.
 Edwards, F. W. (1865), president Illinois club, Nov. 24.
 Emery, Franklin (1827), lumberman, Oct. 27.
 Evans, Arthur T. (1854), jeweler, at Charlevoix, Mich., Aug. 16.
 Evans, William W. (1849), attorney, March 17.
 Ewing, Charles L. (1858), railroad official, Aug. 4.
 Farwell, Mrs. Emeret C. (1825), in Lake Forest, Ill., April 6.
 Farwell, Mrs. John V., Jr. (1859), in Lake Forest, Ill., Aug. 6.
 Finn, Theodore (1860), manager, April 7.
 Fish, Benjamin F. (1850), manufacturer, in Philadelphia, Pa., Aug. 1.
 Ford, J. W., Sr. (1847), manufacturer, April 25.
 Foster, Charles A. (80), 55 East 22d street; arrived 1852; died April 29.
 Foster, Charles W. (1857), colonel, U. S. A., Feb. 7.
 Freund, Abraham L. (1853), physician, May 5.
 Frowe, S. F., veteran of civil war, Feb. 14.
 Giffin, William M. (1850), school principal, April 6.
 Gloor, Frederick J. (1870), restaurant owner, Mar. 2.
 Goldberger, Max S., architect, March 28.
 Gormley, Peter J. (1840), clergyman, Jan. 7.
 Goss, W. T. (1849), inventor, Nov. 18.
 Gottschalk, L. Gaston (1846), musician, Jan. 7.
 Graves, Charles E. (1855), jeweler, April 18.
 Graves, Dwight G. (1852), attorney, May 9.
 Gray, Howard P. (1840), insurance agent, in River-side, Cal., June 10.
 Greeley, Frederick (1857), surveyor, in Winnetka, Jan. 18.
 Green, George, veteran of civil war, Aug. 31.
 Greene, Horatio N. (1829), merchant, May 10.
 Haire, Mrs. Ellen Bartlett (1830), March 22.
 Halpin, Frank (1848), railroad official, Oct. 9.
 Halsey, Martha P., writer, Feb. 8.
 Hamilton, Walter W. (1858), manager, June 2.
 Hanks, George V. (1845), gambler, Aug. 18.
 Happel, Frederick C. (1839), jeweler, Jan. 8.
 Harahan, James T. (1843), railroad official, killed in a wreck at Kimmund, Ill., Jan. 22.
 Harding, Amos J. (1839), insurance manager, in Evanston, Oct. 23.
 Haslam, Robert (1840), pony express rider, Feb. 29.
 Hawley, Edgar E. (1865), physician, May 26.
 Hayden, Albert H. (1848), capitalist, Dec. 7, 1911.
 Hayes, James E. (1851), merchant, Feb. 14.
 Hayward, Mrs. Eliza C. (1821), July 10.
 Heeney, John B. (1857), business man, April 29.
 Hemmelaar, Henry (1831), commission merchant, in Pasadena, Cal., June 8.
 Henderson, John G. (1837), attorney, Aug. 27.
 Herriek, John R. (1822), clergyman and educator, July 26.
 Heyden, Frederick (1848), veteran street car conductor, Aug. 30.
 Hitchcock, John M. (1833), religious worker, Feb. 11.
 Hoos, James H. (1821), jeweler, Jan. 27.
 Hogan, Daniel (1849), veteran of civil war, Oct. 24.
 Holland, John F. (1858), attorney, March 5.
 Holmes, Marshall F. (1857), manager, June 1.
 Holmes, W. H. (1844), clergyman, May 1.
 Horton, Horace E. (1843), bridge builder, July 29.
 Huguenin, Miss Edith (1862), teacher, April 27.
 Hulbard, Joel H. (1820), banker, in Maywood, Ill., July 17.
 Hull, Paul C. (1854), newspaper man, in Brimfield, Ill., July 4.
 Hume, John H. (1864), former judge, in Poughkeepsie, N. Y., March 26.
 Hunt, James H. (1840), stock broker, Jan. 4.
 Hunter, Warren H. (1867), physician, Sept. 4.
 Imhos, Anton (1834), former Chicago alderman, in Pasadena, Cal., Sept. 21.
 Jackson, Mrs. Sarah (1834), April 21.
 Jamieson, Egbert (1840), former judge, Oct. 15.
 Johnson, Charles J. (1845), police officer, May 11.
 Johnson, W. S. (1830), physician, July 27.
 Jones, J. M. W. (1821), manufacturer, in Lake Geneva, Wis., Aug. 4.
 Judson, William B. (1849), journalist, in Pasadena, Cal., Dec. 7, 1911.
 Kaufmann, Matthias (1817), newsdealer, Aug. 24.
 Keane, Joseph T. (1861), restaurant owner, at Santa Monica, Cal., March 8.
 Keogh, Hugh E. (1864), sporting writer, June 9.
 Kephart, T. J. (1835), civil war veteran, April 20.
 Kerfoot, Samuel H. (1853), real estate dealer, Oct. 25.
 Kerr, James (1828), old Chicago postoffice employee, in Painesville, O., March 14.
 Keyes, Mrs. Abbie C. (1822), Oct. 22.
 Kimball, Edward D. (1849), hardware merchant, Jan. 11.
 Kimbark, Seneca D. (1831), retired business man, Aug. 13.
 Kintz, George A. W. (1861), architect, March 19.
 Koch, Waldemar (1876), chemist and educator, Feb. 1.
 Lafferty, William J. (1852), business man, Sept. 2.
 Larson, Charles A., librarian, near Niles, Mich., Aug. 21.
 Lawrence, Dwight (1874), Feb. 17.
 Lawrence, O. Lawson (1841), lifesaver, Oct. 29.
 Lelewer, David (1843), merchant, March 1.
 Lemon, George C. (1830), retired business man, Jan. 9.
 Linscott, Charles F. (1842), real estate dealer, Feb. 8.
 Livingston, Sam'l (1859), real estate dealer, Sept. 4.
 Loeb, Jacob W. (1873), lawyer, Jan. 23.
 Love, C. F. (1845), commission merchant, in Gasport, N. Y., Sept. 4.
 Ludlam, Jacob W. (1835), pioneer, in Evanston, Ill., April 30.
 Lumbard, Jules (1830), war singer, Oct. 10.
 Lunn, Martin J. (1870), surgeon, April 19.
 Lytell, Mrs. Sarah J. (1832), police matron, Aug. 16.
 Madden, Martin B., labor leader, in Lake Villa, Ill., July 22.
 Mandel, Simon (75), 4925 Drexel boulevard; arrived 1852; died Aug. 19.
 Mangler, William (1854), caterer, June 18.
 Mann, Alexander C. (1844), business man, in Ocean Springs, Miss., Dec. 26, 1911.
 Marquis, David C. (1834), theologian, Oct. 8.
 Marsh, William D. (1840), insurance, Jan. 3.
 Marshall, Charles G. (1858), manufacturer, Jan. 7.
 Martin, John H. (1833), commission merchant, Oct. 7.
 Martin, Nicholas (1847), importer, March 13.
 Matthews, Hugh W. (1831), business man, July 19.

Melcher, Frank O. (1844), railroad official, killed in wreck at Kimmund, Ill., Jan. 22.
 Montgomery, George W. (1841), insurance man, April 13.
 Moore, Francis C., insurance official, in New York, N. Y., March 17.
 Moore, John M. (1850), former justice, April 13.
 Morris, John R. (1845), former alderman, Feb. 11.
 Morton, John G. (1848), railroad official, May 30.
 McClelland, Marquis L. (1831), retired business man, March 3.
 McCard, John C. (1847), real estate dealer, Jan. 12.
 McCortney, John H. (1864), real estate dealer, Sept. 3.
 McDonald, John (1830), officer in civil war, Jan. 20.
 McGee, W. J. (1853), anthropologist, in Washington, D. C., Sept. 4.
 Newbury, George G. (1842), real estate broker, in Pasadena, Cal., Jan. 1.
 Newberry, Walter C. (1835), former postmaster and congressman, July 20.
 Nickerson, Mrs. Samuel M. (1841), in New York city, March 15.
 Nixon, William Penn (1833), editor and publisher, Feb. 20.
 Norton, Seymour F., civil war veteran, April 2.
 O'Brien, Martin (1835), art dealer, April 11.
 O'Brien, William D. (1845), builder, Jan. 1.
 Orr, Willard T. (1865), real estate dealer, Nov. 11.
 Paoli, Mrs. Sarah C. (1821), writer, June 4.
 Paul, Mrs. E. A. (1830), street cleaning inspector, March 25.
 Pearsons, Daniel Kimball (1820), philanthropist, in Hinsdale, Ill., April 27.
 Peck, Miss Emma A. (1847), Matron Chicago Foundlings' home, Sept. 29, in Monterey, Cal.
 Peirce, Edward B. (1868), railroad attorney, killed in wreck at Kimmund, Ill., Jan. 22.
 Perry, Isaac N. (1847), banker, Feb. 22.
 Pickard, Charles E. (1855), attorney, June 24.
 Pigott, William (1829), publisher, in Kenosha, Wis., July 20.
 Plamondon, Mrs. Cecilia B. (1833), Sept. 12.
 Plumb, George E. (1837), editor and statistician, April 24.
 Pond, Walter M. (1842), lumberman, in Florence, Italy, Oct. 6.
 Potwin, Henry (1844), real estate dealer, Aug. 27.
 Preston, Mrs. Ellen H., May 6.
 Purcell, Thomas E. (1868), commission merchant, April 21.
 Purdy, James H. (1838), lawyer, Nov. 3.
 Race, John H. (1837), restaurateur, Oct. 13.
 Rainey, Edward J. (1875), ex-state senator, Dec. 23, 1911.
 Ramsay, Frederick M. (1848), bank teller, Dec. 31, 1911.
 Rardon, J. J. (1849), lake captain, Aug. 1.
 Rauch, Albert (1835), manufacturer, Oct. 6.
 Raworth, Edward M. (1845), civil war veteran, July 12.
 Raymond, Arthur L., ball player, Sept. 7.
 Rehm, Charles (1842), retired police captain, April 29.
 Rew, Henry C. (1839), former member board of trade, in San Remo, Italy, Feb. 14.
 Reynolds, John P. (1820), exposition official, Mar. 27.
 Richardson, Orlo W. (1844), merchant, Jan. 1.
 Robinson, John B. (1833), clergyman, April 21.
 Robinson, Michael W. (1836), former judge, July 23.
 Rohan, Andrew (1847), retired police official, Sept. 21.
 Rosengren, Frank (1852), manufacturer, June 22.
 Russell, Miss Mary H. (1853), city employee, Sept. 23.
 Ryan, Joseph E. G. (1870), publicity agent, Jan. 1.
 Schnur, Peter, fireman, April 18.
 Seovel, Harry M. (1830), journalist, April 9.
 Sears, Joseph (1843), real estate dealer, in Kenilworth, Jan. 30.
 Seip, William C. (1850), brewer, March 18.
 Selinger, John (1842), furrier, Oct. 6.
 Sheppard, Mrs. Anna M. (1828), March 7.
 Shaw, Gilbert B. (1837), lumberman, April 13.
 Shirley, William M. (1867), advertising manager, Sept. 4.
 Singer, Adolph L. (1845), Chicago business man, in Paris, France, June 30.
 Skillin, Thomas J. (1844), manufacturer, June 16.
 Slocum, Benjamin D. (1827), real estate dealer, Feb. 10.

Small, Frederick A. (1846), commission merchant, April 22.
 Smith, Charles H. (1856), board of trade operator, Aug. 13.
 Smith, Mrs. Jennie Hight (1844), former actress, Feb. 18.
 Smith, Pliny B. (1850), attorney, April 24.
 Southgate, Richard H. (1847), hotel man, March 3.
 Springer, Warren (1844), real estate dealer, Feb. 8.
 Stahl, William K. (1853), police lieutenant, March 25.
 Stead, Theodore (1879), Spanish war veteran, at Pontiac, Ill., June 15.
 Stohr, Peter Charles (1859), traffic manager, April 24.
 Stone, George A. (1873), manager, Feb. 14.
 Stone, George F. (1836), secretary of the board of trade, in Evanston, June 22.
 Stone, Horatio O. (1860), real estate dealer, April 24.
 Stone, Mrs. Leander (1831), charity worker, Aug. 2.
 Strawn, Abner (1830), Illinois pioneer, July 11.
 Street, William (1863), lawyer and prohibition worker, June 26.
 Sullivan, William B. (1834), lawyer and publisher, April 25.
 Sweet, Charles S. (1848), secretary, in Oak Park, June 6.
 Swift, George B. (1845), former mayor of Chicago, July 2.
 Taylor, David L. (1866), advertising agent, Oct. 22.
 Toolen, Andrew J. (1844), democratic politician, in Pasadena, Cal., Oct. 30.
 Tosetti, Otto L. (1873), brewer, June 12.
 Towne, T. Martin, composer, April 4.
 Truax, Galloway (1825), physician, July 27.
 Vaupell, George H. (1859), druggist, Aug. 19.
 Waller, Robert A. (1879), Jan. 6.
 Warner, Leonard R. (1817), live stock dealer, July 12.
 Waterhouse, A. C. (1832), veteran of civil war, May 13.
 Watson, L. H. (1840), physician, Aug. 14.
 Webb, Patrick (1813), Crimean veteran, June 1.
 Weinschenker, Tobias (1850), philanthropist, March 19.
 Wheeler, Arthur D. (1861), attorney, in Lake Forest, Ill., Aug. 29.
 Wheeler, Charles G. (1837), chemist, Jan. 30.
 Whitman, John M. (1837), railroad official, Oct. 29.
 Wilder, Charles N. (1837), clergyman, April 13.
 Wildner, Christian (1859), lumber dealer, Feb. 11.
 Williams, Hugh B. (1859), physician, Dec. 4, 1911.
 Williams, Hugh R. (1833), building contractor, Aug. 1.
 Wilson, Henry (1822), broken, Jan. 27.
 Wilson, William W. (1850), clergyman, Sept. 6.
 Wingate, Charles H. (1822), union spy in civil war, March 14.
 Wise, Maurice (1844), merchant, May 22.
 Wolf, Fred W. (1835), manufacturer, Feb. 18.
 Young, Andrew, sanitary official, in Mobile, Ala., March 25.
 Young, John W. (1855), mining engineer, Jan. 14.
 Yount, Silas T. (1856), physician, Aug. 6.
 Zander, Edward W. (1859), real estate dealer, Jan. 26.
 Ziehn, Bernhard (1845), musician, Sept. 8.

FOREIGN.

Aehrenthal, Alois L. von (1854), statesman, in Vienna, Feb. 17.
 Alma-Tadema, Sir Laurens (1836), artist, in Wiesbaden, Germany, June 24.
 Barr, Robert, author, in Woldingham, England, Oct. 22.
 Beernaert, Auguste M. F. (1829), statesman, in Lucerne, Switzerland, Oct. 6.
 Bieberstein, Marshall von (1840), diplomat, in Badenweiler, Germany, Sept. 24.
 Bisson, A. C. A. (1845), playwright, in Paris, France, Jan. 27.
 Blackwood, William (1836), editor and publisher, in London, Nov. 11.
 Booth, William (1829), founder of salvation army, in London, England, Aug. 20.
 Bostock, Frank C. (1862), animal trainer, in London, England, Oct. 8.
 Brisson, Henri (1835), statesman, in Paris, April 14.
 Canalejas, Jose (1854), premier, in Madrid, Nov. 12.
 Capececiatro, A. (1824), cardinal, in Naples, Italy, Nov. 14.
 Coleridge-Taylor, Samuel (1875), composer, in London, Sept. 1.
 Corral, Ramon, former vice-president of Mexico, in Paris, France, Nov. 10.

- Covillie, Peter H. (1829), cardinal, in Lyons, France, Sept. 11.
- Cuverville, Jules (1884), vice-admiral, in Paris, France, March 14.
- Dahn, Felix S. (1836), historian, in Breslau, Germany, Jan. 3.
- Dickens, Alfred T. (1845), son of Charles Dickens, in New York, N. Y., Jan. 2.
- Estrada, Emilio, president of Ecuador, in Guayaquil, Dec. 22, 1911.
- Fife, Duke of (Alexander William George Duff) (1849), at Assuan, upper Egypt, Jan. 23.
- Fischer, Anthony H. (1840), cardinal, in Cologne, Germany, July 30.
- Frederick VIII. (1843), king of Denmark, in Hamburg, Germany, May 14.
- Furness, Sir Christopher (1852), steamship owner, in London, England, Nov. 10.
- Grau, Herman (1825), operatic manager, in New York, N. Y., Oct. 27.
- Hahnke, Wilhelm von (1833), field marshal, in Berlin, Germany, Feb. 8.
- Hansen, G. A., leprosy expert, in Christiania, Norway, Feb. 12.
- Hays, Charles M. (1856), railroad president; died in Titanic wreck, April 15.
- Hertford, Marquis of (1843), in London, March 25.
- Honda, Yotsu (1848), bishop, in Nagasaki, Japan, March 26.
- Hyacinthe, Pere (See Loysen, Charles).
- Ishimoto, Shinroku (1856), minister of war, in Tokyo, Japan, April 2.
- Josef, Duke Franz, of Bavaria (1888), in Munich, Bavaria, Sept. 23.
- Judith, Mme. (1827), actress, in Paris, France, Oct. 27.
- Labouchere, Henry (1831), editor and member of British parliament, in Florence, Italy, Jan. 16.
- La Buda, Joseph, 103 years 8 months, Chicago, Ill., Aug. 14.
- Lang, Andrew (1844), poet and critic, in Banchovy, Scotland, July 21.
- Langlois, Hippolyte (1839), member of the French academy, in Paris, Feb. 12.
- Latham, Hubert (1833), French aviator, killed by buffalo in French Congo, July 15.
- Leconte, Cincinnatus, president of Hayti, at Port au Prince, Aug. 8.
- Le Febvre, Jules Joseph (1834), artist, in Paris, France, Feb. 24.
- Legnos, Alphonse (1837), artist, in London, Dec. 8, 1911.
- Leroy-Beaulieu, Anatole (1842), author, in Paris, June 16.
- Lewis, Sir George H. (1833), solicitor, in London, Dec. 7, 1911.
- Lister, Joseph (1827), surgeon, in London, England, Feb. 11.
- Loysen, Charles (Pere Hyacinthe) (1827), priest, in Paris, France, Feb. 9.
- Luxemburg, Grand Duke William of (1852), in Luxembourg, Feb. 25.
- Massenet, Jules E. F. (1842), composer, in Paris, France, Aug. 13.
- Mataafa, former king of Samoa, at Levuka, Fiji islands, Feb. 14.
- Menendez y Pelayo, Marcelino (1856), author, in Madrid, Spain, June 15.
- Mollinari, Gustave de (1819), editor, in Paris, France, Jan. 28.
- Monod, Gabriel Jacques (1844), historian, in Versailles, France, April 10.
- Murat, Prince Louis (1851), in Paris, France, Sept. 22.
- Mutsuhito (1852), emperor of Japan, in Tokyo, July 30.
- McCarthy, Justin (1830), historian, at Folkestone, England, April 24.
- Nogi, Maresuke (1849), general, in Tokyo, Japan, Sept. 13.
- Osten-Sacken, Count Dmitrijevitch von der (1831), diplomat, at Monte Carlo, France, May 22.
- Pascoli, Giovanni, poet, in Bologna, Italy, April 6.
- Passy, Frederick (1821), economist and peace advocate, in Paris, France, June 12.
- Paz, Jose C. P. (1843), founder of La Prensa of Buenos Aires, in Monte Carlo, France, March 10.
- Peel, Arthur W. (1829), statesman, in London, Oct. 24.
- Poincare, Jules Henri (1859), scientist, in Paris, France, July 18.
- Rabinoff, Marie L. (1887), opera singer, in London, England, Sept. 10.
- Roëque, Julien (1825), professor of singing, in Paris, France, March 30.
- St. John, Florence (1854), actress, in London, Jan. 30.
- Salmon, Nowell (1835), British admiral, in London, Feb. 14.
- Schleyer, Johann, inventor of volapuk, in Constantia, Baden, Aug. 20.
- Segond, Paul, surgeon, in Paris, France, Oct. 27.
- Skeat, Walter W. (1836), philologist, in Cambridge, England, Oct. 7.
- Soldene, Emily, actress, in London, April 8.
- Stead, William T. (1849), editor; died in Titanic wreck, April 15.
- Stoker, Bram (Abraham), theatrical manager and novelist, in London, April 21.
- Suvorin, Alexis, editor, in St. Petersburg, Russia, Aug. 24.
- Strindberg, August (1849), author, in Stockholm, Sweden, May 14.
- Teresa, Princess Maria (1882), in Madrid, Spain, Sept. 23.
- Terry, Edward O'Connor (1844), actor, at Barnes, Surrey, England, April 2.
- Theresa, Princess Marie (1849), archduchess of Austria-Este, in Sorrento, Italy, Oct. 24.
- Traeger, Christian G. A. (1830), "father of reichstag," in Berlin, March 26.
- Wernher, Sir Julius (1850), head of De Beers diamond syndicate, in London, May 21.
- White, Caroline (1811), author, in London, England, Sept. 2.
- White, George Stewart (1835), soldier, in London, June 24.
- Winkelmann, Herman (1845), singer, in Vienna, Jan. 19.
- Winter, John Strange (Mrs. Arthur Stannard), novelist, in London, Dec. 14, 1911.

PANAMA-PACIFIC EXPOSITION IN SAN FRANCISCO.

The opening of the Panama canal and the 400th anniversary of the discovery of the Pacific ocean will be celebrated by an international exposition in San Francisco, Cal., in 1915. Steps with that end in view were taken in 1910, when a guaranty fund of \$17,500,000 was raised. Of this amount \$5,000,000 is provided by a special tax levied by the legislature upon all the property in California, an additional \$5,000,000 through the issuance of bonds by the city of San Francisco and the balance of \$7,500,000 by popular subscriptions. No government aid was asked.

Charles G. Moore is president of the exposition company.

PANAMA-CALIFORNIA EXPOSITION, SAN DIEGO.

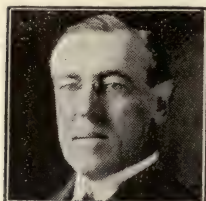
Ground was broken July 19, 1911, for the Panama-California exposition which is to be held in San Diego, Cal., during the entire year 1915. The buildings, which are to be of the Spanish-colonial type of architecture and to be known collectively as the Mission City, will be erected on a site of 1,400 acres in Balboa park. The city has raised by subscription \$2,500,000 for the promotion of the plan. Following are the chief officers: President, U. S. Grant, Jr.; first vice-president, John D. Spreckels; director-general, Col. D. C. Collier; director of publicity, Joseph W. Sefton, Jr.; secretary, Levi G. Moore.

LYNCHINGS IN THE UNITED STATES.

1894.....	190	1899.....	107	1904.....	90	1909.....	36
1895.....	171	1900.....	116	1905.....	64	1910.....	45
1896.....	131	1901.....	135	1906.....	63	1911.....	39
1897.....	166	1902.....	96	1907.....	33	1912.....	33
1898.....	127	1903.....	106	1908.....	68		

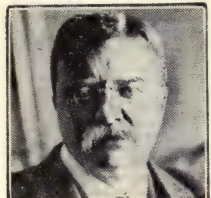
MEN AND WOMEN OF THE YEAR.

WILSON, Woodrow—Born in Staunton, Va., Dec. 28, 1856; educated at Princeton university; practiced law in Atlanta, Ga., 1882-1883; professor of history and political economy at Bryn Mawr college, 1885-1888, and at Wesleyan university, 1888-1890; president Princeton university, 1902-1910; democrat; governor of New Jersey, 1911-1912; nominated for and elected president of the United States Nov. 5, 1912, for term 1913-1917.



Harris & Ewing, Washington, D. C.

ROOSEVELT, Theodore—Born in New York, N. Y., Oct. 27, 1858; educated at Harvard university; assistant secretary of navy, 1897-1898; served in war in Cuba, 1898; governor of New York, 1899-1900; vice-president of the United States, 1901; republican; president of United States, 1901-1909; defeated for nomination at national republican convention, 1912, and ran as candidate of progressive party, but failed of election.



Copyright, American Press Association.

DEBS, Eugene Victor—Born in Terre Haute, Ind., Nov. 5, 1855; educated in common schools; locomotive fireman by occupation; city clerk of Terre Haute, 1879-1883; member of Indiana legislature, 1885; president American Railway union, 1893-1897; prominent in western railway strike, 1894; imprisoned six months for contempt of court; socialist candidate for president in 1904 and 1908; renominated for same position in 1912.

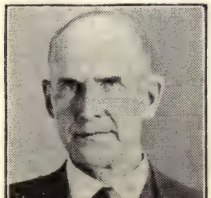
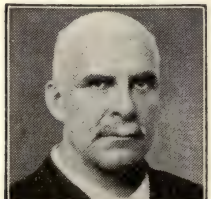


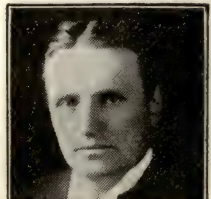
Photo F. W. Martin, Terre Haute, Ind.

CHAFIN, Eugene Wilder—Born in East Troy, Wis., Nov. 1, 1852; educated in public schools; studied law in University of Wisconsin and practiced in Waukesha, Wis.; active in temperance and prohibition movement for many years; moved to Arizona in 1909; author of "Lives of the Presidents" and other books; candidate for president on the prohibition ticket in 1908 and again in 1912, but defeated on each occasion.



Copyright, Moffett Studio.

ASHurst, Henry F.—Born in Nevada in 1875; brought by parents to Flagstaff, Ariz., in 1876; educated in public schools; deputy sheriff at age of 19; admitted to practice before Supreme court in 1899; democrat; served in territorial legislature and elected speaker at the age of 23; served as district attorney of Coconino county, 1904-1906; chosen United States senator by advisory vote Dec. 12, 1911, and elected by legislature in March, 1912.



Harris & Ewing, Washington, D. C.

MARSHALL, Thomas Riley—Born in Manchester, Ind., March 14, 1854; educated in Wabash college; admitted to bar, 1875; practiced in Columbia City, Ind., as member of firm of Marshall, McNaghy & Clugston; democrat in politics; elected governor of Indiana for term 1905-1913; nominated by the democratic national convention in Baltimore for vice-president of the United States and elected Nov. 5, 1912.



Harris & Ewing, Washington, D. C.

JOHNSON, Hiram W.—Born in Sacramento, Cal., Sept. 2, 1866; educated in public schools and in the University of California; studied law and engaged in practice in his native city; moved to San Francisco and assisted in breaking up the Ruef-Schmitz political ring; elected governor of California on republican ticket in 1910; nominated for vice-president of the United States by progressives in 1912, but defeated.



Harris & Ewing, Washington, D. C.

SEIDEL, Emil—Born in Ashland, Schuylkill county, Pa., Dec. 13, 1874; lived successively in Prairie du Chien, Madison, and Milwaukee, Wis.; learned trade of watch carrying in Germany; one of founders of social democratic party in Wisconsin; elected alderman in Milwaukee in 1904, 1906 and 1909; elected mayor of same city in 1910; defeated in 1912; nominated for vice-president of the United States, 1912.



Klein Photo.

WATKINS, Aaron Sherman—Born in Rushsylvania, O., Nov. 29, 1863; educated in public schools and Ohio Northern university; admitted to the bar at Ada, O., 1889; taught school a number of years; entered Methodist ministry, 1893; professor in Ohio Northern university, 1905-1909; president Asbury college, 1910-1911; candidate for vice-president on the prohibition ticket in 1908 and 1912, but defeated on each occasion.

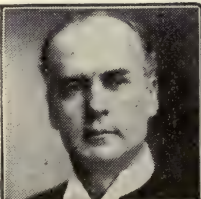


Photo by Passler, Ada, O.

BEERS, Alfred B.—Born in New Rochelle, N. Y., April 23, 1845; served in civil war from Aug. 25, 1861, to Aug. 21, 1865; was present at many battles and sieges and at the close of the war was with Gen. Sherman in North Carolina; after returning to civil life served sixteen years as judge of City court in Bridgeport, Conn.; active in Grand Army affairs; elected commander in chief at national encampment, 1912.



American Press Association, N. Y.

BROUSSARD, Robert F.—Born near New Iberia, La., Aug. 17, 1864; attended Georgetown university three years; inspector of customs at New Orleans, 1885-1887; assistant weigher and expert statistician, 1889; practiced law at New Iberia; helped to destroy the Louisiana State lottery; district attorney, 1892-1897; member of congress, 1897-1911; democrat; elected United States senator to succeed J. R. Thornton, 1915.



Harris & Ewing, Washington, D.C.

CARREL, Alexis—Born at Sainte Foy les Lyons, France, June 28, 1873; studied medicine and became a member of the faculty of the University of Lyons; came to America in 1890; connected with University of Chicago; associate member of the Rockefeller Institute for Medical Research since 1909; awarded Nobel prize for medicine in 1912 for success in suturing of blood vessels and transplantation of human organs.



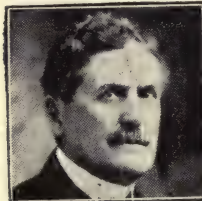
From Scientific American.

CONANT, Luther, Jr.—Born in Acton, Mass., Dec. 21, 1872; educated in Chauncey Hall school, Boston, and Massachusetts Institute of Technology; financial editor of Journal of Commerce and Commercial Bulletin, New York, N. Y., 1896-1904; deputy commissioner of corporations, Washington, D. C., June, 1909, to July, 1912; appointed commissioner of corporations by President Taft Aug. 9, 1912, to succeed Herbert Knox Smith.



Copyright by G. V. Busk, from Underwood & Underwood

HERRICK, Myron T.—Born in Huntington, O., Oct. 9, 1854; educated at Oberlin and Ohio Wesleyan universities; admitted to bar in 1878 and practiced law in Cleveland, O., 1878-1886; official in Society for Savings since 1886; director in many important and successful business enterprises; republican; governor of Ohio, 1903-1906; appointed ambassador to France Feb. 7, 1912, to succeed Robert Bacon, resigned.



Harris & Ewing, Washington, D.C.

HIBBEN, John Grier—Born in Peoria, Ill., April 19, 1861; educated in Princeton university and University of Berlin; ordained presbyterian minister, 1887; pastor in Chambersburg, Pa., 1887-1891; instructor and later professor of logic and psychology at Princeton, 1893-1911; author of "Inductive Logic," "Problems of Philosophy" and other books; elected president of Princeton university Jan. 11, 1911, to succeed Woodrow Wilson.



American Press Association, N. Y.

HUTTIG, Charles Henry—Born in Muscatine, Iowa, Feb. 14, 1861; educated in public schools; worked as bank clerk in Muscatine; moved to St. Louis, Mo., and engaged in the manufacture of sash, doors and blinds; president of Huttig Sash and Door Co.; president of the Third National bank in St. Louis since 1897; one of vice-presidents of Louisiana Purchase exposition; elected president American Bankers' association, 1912.



JAMES, Ollie M.—Born in Crittenden county, Kentucky, July 27, 1871; educated in common and academic schools; admitted to bar, 1891; one of attorneys for Gov. Goebel in gubernatorial contest; delegate to national democratic conventions, 1896, 1904 and 1908; chairman of Kentucky delegation at each convention; elected to 58th, 59th, 60th, 61st and 62nd congresses; elected United States senator in 1912.



Harris & Ewing, Washington, D.C.

KELLOGG, Frank B.—Born in Potsdam, N. Y., Dec. 22, 1856; moved to Minnesota with parents, 1865; educated in public schools; admitted to bar, 1877; city attorney, Rochester, three years; county attorney, Olmstead county, five years; removed to St. Paul, 1887; counsel for government in suits against Standard Oil and paper trusts and in Harriman railroad investigation; republican; elected president American Bar association, 1912.



Ingersoll Photo, St. Paul, Minn.

LA FOLLETTE, Robert Marlon—Born in Primrose, Wis., June 14, 1855; educated at University of Wisconsin; admitted to bar, 1880; district attorney of Dane county, 1880-1884; republican; member of 49th, 50th and 51st congresses; elected governor of Wisconsin, 1901-1903, 1903-1905, 1905-1907; elected United States senator, 1905, resigning governorship; re-elected for term ending 1917; candidate for president, 1912, but not nominated.



Harris & Ewing, Washington, D.C.

LATHROP, Julia Clifford—Born in Rockford, Ill., 1858; educated in Rockford and Vassar colleges; engaged in humanitarian work many years; resident in Hull house, Chicago, 1899-1912; member of Illinois state board of charities, 1893-1909; held official positions in various philanthropic bodies; author of reports on care of insane, etc.; appointed first chief of new children's bureau in department of commerce and labor, Washington.



Matzne Photo.

MASSEY, William Alexander—Born in Ohio; spent the early part of his life in Illinois and Indiana; adopted the profession of law and practiced in California and Nevada, finally making the last named state his home; associate justice of the State Supreme court of Nevada; republican in politics, though a member of the silver party at one time; appointed United States senator in 1912 to succeed George S. Nixon, deceased.



New York Herald syndicate

MEIKLEJOHN, Alexander—Born in Rochdale, England, Feb. 3, 1872; came to the United States in 1880; graduated from Brown university, 1893; instructor of philosophy at Brown, 1897-1899; assistant and associate professor, 1899-1906; professor of logic and metaphysics, 1906-1912; dean, 1901-1912; member American Philosophical association; elected president of Amherst university in 1912 to succeed the Rev. George Harris.



New York Herald syndicate

PITNEY, Mahlon—Born in Morristown, N. J., Feb. 5, 1855; educated in public schools and Princeton university; admitted to bar in 1882; republican; elected to congress from 4th New Jersey district in 1894 and 1896; resigned from 55th congress, Jan. 10, 1899; member New Jersey state senate, 1899-1901; associate justice State Supreme court, 1901-1908, and chancellor, 1908-1912; appointed to United States Supreme court in February, 1912.



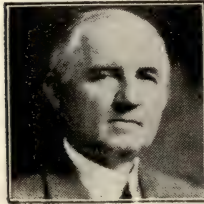
American Press association, N. Y.

RANDELL, Joseph Eugene—Born in Alexandria, La., Oct. 7, 1858; graduated from Union college, Schenectady, 1882; admitted to bar, 1883; elected district attorney of eighth judicial circuit in 1884, holding office twelve years; elected to congress as a democrat in 1899 and re-elected to the 58th, 59th, 60th and 62d congresses; president of national rivers and harbors congress several years; elected United States senator, 1912.



Harris & Ewing, Washington, D. C.

SANDERS, Newell—Born in Owen county, Indiana, July 12, 1850; educated in public schools; merchant in Bloomington, Ind., 1873-1877; began the manufacture of plows in Chattanooga, Tenn., 1878, and has continued in it until present; delegate to republican national conventions of 1900 and 1908; chairman republican state executive committee, Tennessee, 1894-1896 and 1906-1910; appointed United States senator, 1912.



Harris & Ewing, Washington, D. C.

SCHURMAN, Jacob Gould—Born in Freetown, P. E. I., May 22, 1854; studied in universities of London, Paris, Edinburgh, Heidelberg and Göttingen; professor at Acadia and Dalhousie colleges, 1880-1886; professor of philosophy Cornell university, 1886-1892; president of Cornell, 1892-1912; president Philippine commission, 1899; appointed minister to Greece and Montenegro by President Taft, Aug. 13, 1912.



American Press association, N. Y.

SHEPPARD, Morris—Born in Wheatville, Tex., May 28, 1875; educated in public schools, University of Texas and Yale law school; elected national treasurer Woodmen of the World, 1899, 1903 and 1907; practiced law at Pittsburg, Tex., 1898-1899, and then at Texarkana, which city he made his home; democrat; elected to 57th, 58th, 59th, 60th, 61st and 62d congresses; chosen as United States senator at Texas primaries, 1912.



Copyright, Clinedinst, Washington, D. C.

SMITH, Marcus Aurelius—Born near Cynthiana, Ky., Jan. 24, 1852; educated in Transylvania university, Lexington, Ky., and admitted to the bar; removed to Arizona in 1881; elected prosecuting attorney of Cochise county the following year; democrat; elected delegate to congress, 1887-1889, 1897-1899, 1901-1903 and 1905-1909; chosen United States senator by advisory vote Dec. 12, 1911, and elected in March, 1912.



Harris & Ewing, Washington, D. C.

SULZER, William—Born in Elizabeth, N. J., March 18, 1863; admitted to practice law in New York city by Supreme court, 1884; democrat; member of the New York legislature, 1890, 1891, 1892, 1893 and 1894; speaker of the assembly, 1893; delegate to democratic national conventions since 1886; elected to the 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st and 62d congresses from the 10th New York district; elected governor of New York, 1912.



Harris & Ewing, Washington, D. C.

THOMPSON, Carmi Alderman—Born in Wayne county, West Virginia, Sept. 4, 1870; educated at Ohio State university; admitted to bar, 1895; practiced law at Ironton, O.; city solicitor there, 1896-1903; organized Iron City bank; treasurer Ohio State Life Insurance company; member state assembly, 1904-1907; secretary of state, 1907-1911; assistant secretary of interior, Washington, D. C., 1911; appointed U. S. treasurer, 1912.



American Press Association, N. Y.

SUN YAT SEN—Born in Kula, island of Maui, H. I., Nov. 24, 1870; educated in school conducted by Anglican bishop, becoming proficient in English, literature and history; visited the United States in 1906 and later took oath of allegiance and became a citizen; active for many years in campaign against Manchu government; elected provisional president of Chinese republic, 1911; succeeded by Yuan Shih-kai, 1912.



Copyright, Underwood & Underwood.

YOSHIHITO, Haru-no-miya—Born in Tokyo, Japan, Aug. 31, 1879; nominated heir-apparent Aug. 31, 1887; proclaimed crown prince Nov. 3, 1888; educated in peers' school and by private tutors; promoted Nov. 3, 1901, to lieutenant-colonel in army and commander in navy; again promoted in 1909 to lieutenant-general in army and vice-admiral in navy; succeeded to the throne of Japan July 30, 1910, on the death of Emperor Mutsuhito.



Underwood & Underwood

POSTMASTERS OF LARGE CITIES (1912).

Albany, N. Y.—Henry F. Snyder.
Baltimore, Md.—W. Hall Harris.
Boston, Mass.—E. C. Mansfield.
Buffalo, N. Y.—Fred Greiner.
Camden, N. J.—Robert L. Barber.
Charleston, S. C.—W. L. Harris.
Chicago, Ill.—Daniel A. Campbell.
Cincinnati, O.—E. R. Monfort.
Cleveland, O.—Raymond C. Floyd.
Columbus, O.—H. W. Krumm.
Dayton, O.—F. G. Withoft.
Denver, Col.—Joseph H. Harrison.
Des Moines, Iowa—Louis C. Kurtz.
Detroit, Mich.—Homer Warren.
Duluth, Minn.—Arthur P. Cook.
Fall River, Mass.—George T. Durfee.
Fort Wayne, Ind.—Robert B. Hanna.
Galveston, Tex.—Harry A. Griffin.
Grand Rapids, Mich.—W. M. Palmer.
Hartford, Conn.—Frank A. Hagarty.
Indianapolis, Ind.—Robert H. Ersson.
Jersey City, N. J.—Peter F. Wanser.
Kansas City, Mo.—Joseph H. Harris.
Lincoln, Neb.—E. R. Sizor.
Los Angeles, Cal.—W. H. Harrison.
Louisville, Ky.—Robert E. Woods.
Lowell, Mass.—Joseph A. Legare.
Memphis, Tenn.—L. W. Dutro.
Milwaukee, Wis.—David C. Owen.
Minneapolis, Minn.—W. D. Hale.

Nashville, Tenn.—A. W. Wills.
Newark, N. J.—Frank J. Bock.
New Haven, Conn.—J. A. Howarth.
New Orleans, La.—A. F. Leonhardt.
New York, N. Y.—Edward M. Morgan.
Omaha, Neb.—John C. Wharton.
Paterson, N. J.—George W. Pollitt.
Peoria, Ill.—Henry W. Lynch.
Philadelphia, Pa.—Thomas B. Smith.
Pittsburgh, Pa.—William H. Davis.
Portland, Me.—Fred H. King.
Portland, Ore.—W. E. Williamson (acting).
Providence, R. I.—Walter A. Kilton.
Reading, Pa.—A. M. High.
Richmond, Va.—Edgar Allen, Jr.
Rochester, N. Y.—Joseph A. Crane.
St. Joseph, Mo.—Laurence O. Weakley.
St. Louis, Mo.—Thomas J. Akins.
St. Paul, Minn.—Edward Yanish.
Salt Lake City, Utah—A. L. Thomas.
San Antonio, Tex.—J. J. Stevens.
San Francisco, Cal.—A. G. Fiske.
Seattle, Wash.—George F. Russell.
Springfield, Ill.—L. E. Wheeler.
Springfield, Mass.—Louis C. Hyde.
Toledo, O.—W. H. Tucker.
Trenton, N. J.—A. C. Yard.
Troy, N. Y.—A. E. Bonesteel.
Washington, D. C.—Norman A. Merritt.

THE DANBURY HATTERS' CASE.

In the United States District court in Hartford, Conn., Oct. 11, 1912, a jury returned a verdict for \$80,000 and costs against the United Hatters of North America in the suit brought by D. E. Loewe & Co., hat manufacturers in Danbury, Conn., charging the defendants with conducting a boycott against hats made by the firm. Under the Sherman antitrust law the damages are trebled, making the award in this instance equivalent to \$340,000.

The suit was originally brought in the Circuit court in 1903, when Loewe & Co. filed a bill alleging that the labor organization had undertaken to unionize the company's hat factory in Danbury, and, failing to do so, had gone on a strike. This act was followed by the declaration of a boycott against the firm's hats wherever they were found, and as it controlled an extensive trade throughout many states the boycott, in the language of the bill, constituted a combination to limit and restrain

interstate commerce. On a demurrer by the hatters' union, the Circuit court decided that the Sherman law was inapplicable and dismissed the case. The Court of Appeals, however, certified the suit to the United States Supreme court, and that tribunal, Feb. 3, 1908, reversed the decision of the Circuit court, deciding, without a dissenting voice, that boycotting, where it affected interstate commerce, was in violation of the Sherman antitrust act.

The case then went back to the Circuit court, and after a trial lasting eleven weeks resulted Feb. 4, 1910, in a verdict for \$74,000 damages for the plaintiff. An appeal was taken and the case was sent to the United States District court with the result stated above. The plaintiffs were backed by the Antiboycott society and the defendants by the American Federation of Labor.

DEATH OF VICE-PRESIDENT JAMES S. SHERMAN.

James Schoolcraft Sherman, vice-president of the United States, died at his home in Utica, N. Y., at 9:42 p. m. Oct. 30, 1912. He had been ill from Bright's disease for several months and had been confined to his house most of the time after Aug. 21, when he was officially notified of his renomination at the republican convention in Chicago. According to a statement made by Dr. Fayette H. Peck, his attending physician, Mr. Sherman died in a uræmic coma as a result of Bright's disease, heart disease and arteriosclerosis. He was born near Utica, N. Y., Oct. 24, 1855, and after his admission to the bar in 1880 became active in republican politics. In 1887 he was elected to the 50th congress and was afterward re-elected to serve in the 51st,

54th, 55th, 56th, 57th, 58th, 59th and 60th congresses. In the house he attained prominence as a debater and also as a parliamentarian. He was nominated for the vice-presidency by the republican convention in 1908 and elected.

Mr. Sherman was the seventh vice-president of the United States to die in office, the list being as follows:

April 20, 1812—George Clinton.
Nov. 23, 1814—Elbridge Gerry.
April 18, 1853—William R. King.
Nov. 22, 1875—Henry Wilson.
Nov. 25, 1885—Thomas A. Hendricks.
Nov. 2, 1899—Garret A. Hobart.
Oct. 30, 1912—James S. Sherman.

WAR BETWEEN THE BALKAN STATES AND TURKEY.

The long expected war between the Balkan nations and Turkey finally broke out in the fall of 1912. Massacres of Bulgarians at Istip and Kotschana were the immediate cause of the hostilities, but the enmity between the smaller countries in southeastern Europe and the Ottomans had existed for generations. It had been especially bitter since the treaty of San Stefano was modified by the powers at the congress of Berlin in 1879 so as to return to Turkish control Macedonia and other territory which had been included in the principality of Bulgaria by the San Stefano agreement. The motives of Bulgaria in making war on Turkey were forcibly stated in the following proclamation issued by Czar Ferdinand Oct. 18, 1912:

"The moment has come when the Bulgarian race is called upon to renounce to have recourse to arms great problems. Beyond

when the Bulgarian race the benefits of peace and for the solution of the Rilo and Rhodope mountains our brothers in blood and religion have not been able until this day, thirty-five years after our liberation, to obtain conditions of life that are bearable. The tears of the Balkan Slavs and the groaning of millions of Christians could not but stir our hearts and the hearts of our coreligionists. Our love of peace is exhausted. To succor the Christian population of Turkish lands there remains to us



From L'Illustration.

RADKO DIMITRIEFF. key there remains to us no other means than to turn to arms.

"After the massacres of Istip and Kotschana, instead of according justice and satisfaction, Turkey ordered the mobilization of her military forces. Our long patience thus has been put to a rude test. The humanitarian sentiments of Christians, the sacred duty of succoring their brothers when menaced by extermination and the honor and dignity of Bulgaria have impelled upon us the imperative duty of calling to arms Bulgaria's sons.

"Our work is a just, a great and a sacred one. With faith in the protection and support of the Almighty, I bring to the cognizance of the Bulgarian nation that this is a war for human rights. I order the brave Bulgarian army to march on to Turkish territory. Forward! May God be with you!"

The sentiments animating the Bulgarians were shared by the people of Serbia, Greece and Montenegro, and the result



Underwood & Underwood.

GEN. SAVOFF.

was the formation of an alliance between the four countries to act together against Turkey and to deal collectively with the great powers. When the latter sent a circular note to the Balkan nations forming the armed coalition asking them to keep quiet and preserve the status quo the reply was: "The Balkan states have allied themselves, not for the purpose of territorial aggrandizement but for the purpose of introducing peace, order and civilization in European Turkey, thus delivering the subject Christian races under the Turk from a shameful yoke."

It was generally supposed by military critics at the opening of hostilities that Turkey would have but little difficulty in overwhelming the four little states, even if they were in alliance. The Ottoman army was thought to be much superior as a fighting machine as well as numerically and that Turkish financial and other resources were far greater than those possessed by the allies. The war had not progressed two weeks before it was conclusively shown that the experts were mistaken. The Turks were driven from one position after another

and were defeated in battle after battle, not only by the Bulgarians, who admittedly had a good army, but by the Montenegrins, the Greeks and the Servians, and in an almost incredibly short time the sultan's forces were fighting desperately to prevent Constantinople itself from falling into the enemy's hands. It was claimed on behalf of the Turks that they were taken by surprise, not expecting war so near the opening of winter; that their forces were widely scattered and badly clothed and fed, and, finally, that they relied too much on the great powers for assistance in time of need. Whatever may have been the true reason, the Ottoman armies in the field made a poor showing and were disastrously beaten.

Estimates of the military strength of the Balkan nations and Turkey at the beginning of the war varied, but the following from a well informed Bulgarian source may be accepted as approximately correct: Turkey, 560,000 men (including 11,000 cavalry), 960 field guns and 328 maxims guns; Bulgaria, 350,000 men and 940 guns; Serbia, 180,000 men and 660 guns; Greece, 146,000 men and 508 guns; Montenegro, 40,000 men and 104 guns; total, 716,000 men and 2,212 guns. The leading officers on the Turkish side were Nazim Pasha and Mahmud Mukhtar Pasha. Those doing the most brilliant work for the Bulgarians were Gen. Savoff, commander in chief, and Gen. Dimitrieff. Among the Montenegrins Crown Prince Danilo and Gen. Vokutch were prominent, while of the Servian officers Gen. Stephanovitch and Gen. Jackovitch were most frequently mentioned. Crown Prince Constantine and Gen. Danglis were conspicuous in the campaign conducted by the Greeks.



American Press Association.

NAZIM PASHA.

It was evident from the start that the allies were acting in accordance with a general plan agreed upon before the hostilities began. The forces of each nation had a certain line of work to do and the work was well done by all concerned. The reverses suffered by the allies in the early part of the war were few and of little importance; the victories announced by the Turks had no influence upon the general situation. Broadly speaking, the scheme of the coalition strategists was to attack the Turkish lines along the whole frontier simultaneously and to push forward in the general direction of Constantinople.

The Greeks were to advance north and east in the direction of Saloniki; the Montenegrins and Servians southeast in the direction of Monastir, and the Bulgarians southeast toward Adrianople. The heaviest part of the burden fell upon the Bulgarians, as they were nearest the Turkish capital and had to face the strongest Turkish armies. By adopting flanking tactics and resorting to clever strategy they were enabled to defeat Nazim Pasha's forces in decisive battles at Kirk Killesseh, Bunarhissar and Lule Burgas and to reach the very threshold of Constantinople.

Following is a resume of the leading events of the war in chronological order:

Aug. 2—Turks massacre 140 Bulgarians at Kotschana, fifty miles southwest of Uskup.
Aug. 11—Bulgarian press and people clamor for war against Turkey on account of Kotschana massacre.
Aug. 17—Fighting between Christian insurgents and Turkish troops in Albania reported.
Aug. 24—Many Servians in Senitzia killed by Turks; Servian cabinet discusses situation.
Sept. 30—Mobilization of troops ordered by Serbia,



American Press Association.

MAHMUD MUKHTAR PASHA.



MAP SHOWING SCENE OF WAR BETWEEN BALKAN STATES AND TURKEY IN 1912.

Bulgaria, Montenegro and Greece; existence of a military understanding between Bulgaria, Serbia, Greece and Montenegro directed against Turkey becomes apparent.

Oct. 1—Turkish cabinet orders mobilization of army; transportation of ammunition consigned to Serbia stopped; Servian troops proceeding to Turkish frontier.

Oct. 3—Nazim Pasha appointed supreme commander of Turkish forces; collective note prepared by Balkan states demands that Turkey grant autonomy for Albania, Macedonia and old Serbia.

Oct. 8—Austria and Russia, as mandatories of powers, present collective note to allies declaring that the powers would energetically reprove all measures tending to bring about a rupture of the peace; that the powers would take in hand the realization of the reforms in the administration of Turkey in Europe, it being understood that these reforms would not infringe on the territorial integrity of Turkey, and that should war nevertheless break out the powers would not permit at the end of the conflict any modification of the status quo in European Turkey.

Oct. 8—Montenegrin charge d'affaires, M. Plamenatz, hands note from his government to Turkish authorities announcing the cessation of all relations with Turkey; note accepted as declaration of war; Montenegrin troops cross the frontier.

Oct. 9—Montenegrin army begins war by attacking Turkish position opposite Podgoritz; Prince Peter fires first shot; Turks retire.

Oct. 10—Montenegrins capture Detchik mountain after long battle; total casualties placed at 1,000.

Oct. 14—Turkish government refuses to allow powers to intervene in the question of Macedonian reforms; Greece demands release within twenty-four hours of Greek vessels seized by Turkey.

Oct. 15—Prince Peter of Montenegro announces another victory over Turks; way toward Scutari cleared; Berana surrendered by Turks.

Oct. 17—Hostilities begun by Turks on Bulgarian and Servian frontiers; Serbia formally declares

war against Turkey and the latter officially declares war against Serbia and Bulgaria.

Oct. 18—Czar Ferdinand of Bulgaria issues proclamation declaring war against Turkey; Bulgarians occupy Kourtkala; Greece declares war against Turkey.

Oct. 19—Montenegrins capture town of Plava; Greeks under Crown Prince Constantine drive Turks from Ellassona; Servians capture Rulya heights; Bulgarian forces advance toward Adrianople, driving Turks before them.

Oct. 21—Battle between Bulgarians and Turks in progress at Kirk Kilesseh.

Oct. 22—Greeks take Lemnos island; Servians enter Pristina; battle at Kirk Kilesseh continues; Servians occupy parts of Novipazar and the Kumanova district.

Oct. 24—Turks routed by Bulgarians at Kirk Kilesseh, many being taken prisoners; Gen. Dimitrieff leads the main attack; Bulgarian casualties placed at 3,000; several forts taken at point of bayonet.

Oct. 26—Servian army takes Uskup; Bulgarian lines around Adrianople drawn closer.

Oct. 28—Bulgarian troops occupy Bunarhissar; Servians take many guns from Turks near Uskup; Montenegrins take town of Plevlje.

Oct. 29—Kiamil Pasha becomes grand vizier of Turkey; great battle in progress between Bulgarians and Turks at Lule Burgas.

Oct. 31—Turkish battle ship Feth-i-Bulend sunk in Gulf of Saloniki by Greek torpedo boat.

Oct. 31—Battle at Lule Burgas ends in complete triumph of Bulgarians; Turkish army of 250,000 men under Nazim Pasha routed by Gen. Saffoff's forces numbering 150,000; losses heavy on both sides; Greek flag raised in islands of Thasos and Sobros.

Nov. 1-2—Bulgarians drive the Turks toward the outer defenses of Constantinople at Tchatalja.

Nov. 3—Turkey applies to the powers for intervention.

Nov. 6—Turks defeated in severe engagement with Bulgarians between Seral and Tcholu.

Nov. 8—Greek army under Crown Prince Constantine captures Saloniki; Sheik-ul-Islam proclaims a holy war.

Nov. 13—Massacre of 6,000 women and children by Turks near Janina reported.

Nov. 14—Turkey's request for mediation presented to allies; reply delayed; relations between Serbia and Austria becoming strained over occupation by former of Alessio and the port of San Giovanni di Medua.

Nov. 15—Turkish request for an armistice discussed by Bulgarian council of ministers; allies said to have submitted terms of peace to the Turks based on the surrender of Adrianople, Seutari, Monastir and Janina; the surrender of conquered territory, the payment of a war indemnity, the internationalization of Constantinople, the opening of the Dardanelles and the establishment of Saloniki as a free port.

Nov. 18—Turkish fortress of Monastir with 50,000 men and three generals surrendered to the Serbians after a battle lasting two days.

Nov. 19—Bulgaria's conditions for the conclusion of peace transmitted to Constantinople; plenipotentiaries appointed to arrange for an armistice.

Nov. 20—Bulgarian troops operating before Tchatalja fortifications ordered to cease fighting; cholera raging in Turkish trenches; mosque of St. Sophia turned into a great hospital.

Nov. 21—Terms offered by allies for arrangement of an armistice declared unacceptable by Turkey; Nazim Pasha ordered to continue military operations.

Dec. 3—Protocol arranging an armistice for the consideration of peace terms signed by delegates representing Turkey, Bulgaria, Montenegro and Serbia; Greece refused to sign. Peace plenipotentiaries representing all combatants, including Greece, to meet in London Dec. 13.

AMENDMENTS TO OHIO'S CONSTITUTION.

Forty amendments to the state constitution of Ohio were submitted to the voters of that commonwealth for approval or rejection at a special election held Sept. 3, 1912. Eight of the proposed changes were defeated. These included woman suffrage, bond issues for good roads, prohibition of outdoor advertising, regulation of labor injunctions, abolition of the death penalty, use of voting machines, appointment of women to certain offices and the elimination of the word "white" from the constitution. Among the more important amendments which were approved were the following:

Permitting laws to be passed authorizing the rendering of verdicts in civil cases by the concurrence of not less than three-fourths of a jury.

Enabling the assembly to pass bills over the referendum to propose amendments to the constitution, to propose laws to the general assembly for enactment and also to enable the electors to require that any law passed by the general assembly be submitted to a popular vote.

Enabling the assembly to pass bills over the governor's veto by a three-fifths vote of all the members elected to each house. Measures which by the constitution require a two-thirds vote on their original passage are excepted.

Permitting the passage of laws to improve the conditions of employment of men, women and children.

Permitting legislation to establish a fund from compulsory contributions by the industries of the state for the compensation of workmen in case of accidents or occupational diseases and of their dependent relatives in case of death.

Making mandatory the passage of laws for the removal from office of public officers for misconduct involving moral turpitude. It is an addition to the usual impeachment proceedings.

Abolishing prison contract labor.

Simplifying the judicial system so as to shorten proceedings and lessen the expense of litigation.

Making mandatory the passage of laws placing, as far as practicable, all appointive officers in the service of the state and the counties and cities under civil service regulation.

Giving cities and villages the right to frame their own charters, own and regulate their own public utilities and to adopt by ordinance such local police, sanitary and other similar regulations, not in conflict with general laws, as they may deem necessary. To the general assembly is reserved the authority to limit the power of cities to levy taxes and incur debts for local purposes, to control elections, and, by general laws, to make such provisions for police and sanitary regulations and other similar matters as may be for the general welfare of the state.

IRRIGATED AREAS IN THE UNITED STATES.

Region.	Farms.	Acres.	Cost.
Arid states and territories	152,000	9,700,000	\$125,000,000
Semiarid states and territories	7,800	425,000	5,600,000
Rice states	7,400	875,000	17,600,000
Total	167,200	11,000,000	148,200,000

Note.—The above figures are for 1907.

IRRIGATION PROJECTS (JAN. 1, 1912).

Location and name.	Acres.	Cost.*
Arizona—Salt river	230,000	\$9,500,000
Arizona and California—Yuma	131,000	4,620,000
California—Orland	14,000	528,000
Colorado—Grand valley	53,000	90,000
Uncompahgre	140,000	4,591,000
Idaho—Minidoka	124,000	3,966,000
Payette-Bolse	243,000	5,640,000
Kansas—Garden City	10,677	380,000
Montana—Huntley	32,405	868,000
St. Mary-Milk	215,000	951,000
Sun river	322,000	844,000

Location and name.	Acres.	Cost.*
Montana and North Dakota—Lower Yellowstone	60,116	2,948,000
Nebraska and Wyoming—North Platte	129,270	5,330,000
Nevada—Truckee-Carson	206,000	4,292,000
New Mexico—Carlsbad	20,267	595,000
Hondo	10,000	355,000
New Mexico and Texas—Rio Grande	160,000	493,000
North Dakota—Missouri pumping	23,314	867,000
Oregon—Umatilla	25,000	1,352,000
Oregon and California—Klamath	72,000	1,975,000
South Dakota—Belle Fourche	100,000	2,993,000
Utah—Strawberry valley	60,000	1,603,000
Washington—Okanogan	10,051	650,000
Yakima	133,128	5,420,000
Wyoming—Shoshone	164,122	3,641,000
Total	2,688,450	64,292,000

*Expended to Jan. 1, 1912.

UNITED STATES ARSENALS.

The largest of the United States arsenals are located at Rock Island, Ill. and Springfield, Mass. Others are at Pittsburg, Pa.; Augusta, Ga.; Benicia, Cal.; Columbia, Tenn.; Fort Monroe, Va.; Philadelphia, Pa.; Indianapolis, Ind.; Governor's island, N. Y.; Jefferson barracks, Mo.; Sandy

Hook, N. J.; San Antonio, Tex.; Dover, N. J.; Watertown, Mass., and Watervliet, N. Y. Some of the above are merely powder depots, the principal manufacturing plants being at Rock Island, Springfield and Watervliet. The navy yards are also arsenals.

THE REVOLUTION IN CHINA.

The overthrow of the Manchu dynasty in China was completed in 1912 and a republic established on a more or less firm basis. The revolution, which began in September, 1911, was practically at an end by the middle of December of that year. The terms of peace were arranged by representatives of Yuan Shih-kai, then premier of the empire, and of the revolutionary leaders. Those taking a leading part in the negotiations, which took place in Shanghai, included Tang Shao-yi, a friend of Yuan Shih-kai; Wu Ting-fang, former minister to United States and a member of the revolutionary cabinet, and five delegates representing each side. The revolutionists from the first demanded the abolition of the Manchu dynasty and the establishment of a republic and, while there was considerable opposition, not only on the part of the dowager empress and the imperial princes, but also on the part of Yuan Shih-kai, whose position was one of great difficulty, these demands were finally complied with. Dr. Sun Yat Sen was elected president by the revolutionists in Nanking Dec. 29. Only the south of China was then included in the republic, and his authority was nominal rather than actual, but by exercising good judgment and tact he succeeded in making the new state a reality.

It was not until Feb. 4, 1912, that the empress dowager finally made up her mind to accept the situation. She then issued an edict instructing Yuan Shih-kai to establish a republic in co-operation with the southern republicans. Feb. 12 the throne was formally abdicated in favor of a representative form of government in a decree of which the following is a translation:

"We, the emperor of China, have respectfully received to-day the following edict from the hands of her majesty, the empress dowager:

"In consequence of the uprising of the republican army, to which the provinces of China have responded, the empire was seething like a boiling caldron, and the people were plunged into misery. Yuan Shih-kai was therefore commanded to dispatch commissioners to confer with the republicans with a view to the calling of a national assembly to decide on the future form of government. Months have elapsed and no settlement is now evident. The majority of the people are in favor of a republic. From the preferences of the people's hearts the will of heaven is discernible. How could we oppose the desires of millions for the glory of one family?

"Therefore we, the dowager empress and the emperor, hereby vest the sovereignty of the Chinese empire in the people. Let Yuan Shih-kai organize to the full the powers of the provisional republican government and confer with the republicans as to the methods of union assuring peace in the empire and forming a great republic with the union of Manchus, Chinese, Mongols, Mohammedans and Tibetans. We, the empress dowager and the emperor, will thus be enabled to live in retirement, free from responsibilities and enjoying without interruption the nation's courteous treatment."

The republicans in return for the abdication made pledges that the emperor should retain his title and be respected as a foreign monarch; that he should receive an annual grant of 4,000,000 taels until the currency is reformed, after which he shall receive \$4,000,000 Mexican; that he should have his temporary residence in the Forbidden City and later in the summer palace outside of Peking and that his property should be protected by the republic. Pledges were also made that the imperial kinsmen having hereditary titles should retain them; that the nobility should have the rights of ordinary citizens and that their private property should be respected.

The terms of the abdication were accepted by the national assembly in Nanking and Feb. 15 Yuan Shih-kai was elected provisional president of the republic. Dr. Sun Yat Sen resigning the position on the same day. Yuan was officially notified of his election Feb. 27 and he was formally inaugurated March 10, in Peking, as he gave satisfactory reasons for not going to Nanking as requested. The presidential seal was handed over to his representative, Premier Tang Shao-yi, March 29, and

on April 1 the public ceremony connected with Dr. Sun Yat Sen's retirement from office took place in the hall of the national assembly in Nanking.

Serious disturbances in various parts of China marked the first weeks of President Yuan Shih-kai's administration. These were caused chiefly by mutinous soldiers, revolutionary as well as imperial, who were disaffected because they had not been paid. In Peking the president's own soldiers led in the rioting and pillage, which lasted for several days, causing the loss of 5,000 lives and \$15,000,000 in property. Similar scenes, though on a smaller scale, were enacted in Tientsin, Canton and elsewhere. Foreigners as a rule were not molested.

Lack of sufficient funds with which to carry on the administration, inexperience on the part of cabinet officers and legislators, plotting by political parties and difficulties with Japan and Russia over Manchuria and Mongolia proved exceedingly embarrassing to Yuan Shih-kai in the course of the year, but he managed not only to keep the republic from going to pieces but to strengthen it to some extent. The course of events from December, 1911, to December, 1912, may be gathered from the following chronological summary:

Dec. 14, 1911—Revolutionary leaders in conference decide to establish republic.

Dec. 15—Peace conference between representatives of the government and the revolutionists begins in Shanghai.

Dec. 19—Powers unite in urging the conclusion of peace in China.

Dec. 20—Tang Shao-yi, representing Yuan Shih-kai and government, agrees to formation of republic.

Dec. 21—Yuan Shih-kai refuses to accept republic.

Dec. 22—Yuan Shih-kai offers limited monarchy.

Dec. 24—American warships arrive at Shanghai.

Dec. 26—Yuan Shih-kai informed that revolutionists demand abdication of emperor and the establishment of a republic with a pensioned imperial family.

Dec. 27—Imperial family willing to refer question of abdication to a representative assembly legally elected from all parts of China.

Dec. 29—Dr. Sun Yat Sen elected president of the republic of China by revolutionists.

Jan. 2, 1912—Imperial family gives Yuan Shih-kai \$2,500,000 with which to fight the rebels.

Jan. 4—Government orders war resumed; W. J. Calhoun, American minister, asks Washington for troops to protect railway to Peking; battles reported from Lanchow and Hankow.

Jan. 6—Troops of foreign powers guard railroad between Peking and sea.

Jan. 16—Bomb thrown at Yuan Shih-kai; one soldier and one civilian killed.

Jan. 18—Three of Yuan Shih-kai's assailants strangled.

Jan. 29—Armistice ended, but war is not renewed.

Feb. 4—Empress dowager orders Yuan Shih-kai to set up republic in co-operation with southern republicans.

Feb. 12—Emperor abdicates and Manchu dynasty comes to an end; establishment of republic for the whole of China assured.

Feb. 14—National assembly caucus in Nanking decides to elect Yuan Shih-kai president of the republic.

Feb. 15—Yuan Shih-kai elected provisional president of the republic.

Feb. 27—New president formally notified of his election; accepts office.

Feb. 28—Republican troops in revolt at Wuchang; dissatisfaction caused by failure to receive their pay.

Feb. 29—Yuan Shih-kai's soldiers begin shooting and looting in Peking.

March 1—Great military mutiny in Peking continues; trouble also occurs in Tientsin.

March 2—Paoingfu at mercy of mutineers; rioting still in progress in Peking.

March 3—Allied troops restore order in Tientsin and patrol legation quarter in Peking.

March 4-6—Disturbances by mutinous soldiers gradually decreasing in violence; government regains control of situation.

March 10—Yuan Shih-kai formally inaugurated as provisional president.
 March 29—Presidential seal turned over to Yuan Shih-kai.
 April 1—Public ceremony in connection with Dr. Sun Yat Sen's retirement from the presidency takes place in hall of national assembly in Nanking; Dr. Sun bids assembly a dignified farewell.
 April 4—Belgian loan of \$10,000,000 paid to authorities.
 April 29—China's first republican legislative assembly, called the advisory council, opens in Peking.
 July 19—Yuan Shih-kai has trouble with the assembly over cabinet appointments.
 July 26—Assembly approves President Yuan's cabinet selections.
 Aug. 1—Dr. George E. Morrison appointed political adviser to the president.

Aug. 3—Mongolians causing authorities trouble.
 Aug. 16—Gen. Chang Chen Wu and his aid, Feng Wei, shot by order of President Yuan Shih-kai as plotters.
 Aug. 20—President bitterly criticised for executions; impeachment advocated.
 Aug. 24—Ex-President Sun Yat Sen has triumphal entry in Peking; calls on Yuan Shih-kai.
 Sept. 3—Big battle at Tonanfu; Mongolians defeated.
 Sept. 10—Executive order issued authorizing Dr. Sun Yat Sen to plan big railway system for China.
 Sept. 21—China refuses loan offered by the six-power banking group.
 Sept. 23—Chao Ping Chuen appointed premier.
 Oct. 10—Independence day celebrated throughout China for the first time.
 Nov. 15—War against Russia for making treaty with outer Mongolia demanded.

DISTURBANCES IN MEXICO.

Francisco I. Madero's first year as president of Mexico was full of trouble. At no time was the country entirely free from disturbances of one kind or another. Among the leaders of the disaffected elements were Gen. Pascual Orozco, Emilio Vasquez Gomez and Gen. Geronimo Trevino in the north and Emiliano Zapata in the south. Gen. Felix Diaz, nephew of the deposed president, Porfirio Diaz, started a revolution on his own account in Vera Cruz, but it was of short duration. The insurgents in the north were generally known as Vasquistas and those in the south as Zapatistas. Intervention was threatened by the United States, but was not found necessary. Following is a brief chronology of the more important occurrences of the year:
 Feb. 23—Manifesto circulated proclaiming Gen. Geronimo Trevino president ad interim of Mexico.
 March 2—President Taft issues proclamation warning American citizens to refrain from entering Mexico and from taking any part in the disturbances there.
 March 6—Gen. Pascual Orozco proclaimed generalissimo of rebel forces in Chihuahua.
 March 28—Arms shipped for defense of American residents of City of Mexico.
 April 6—Forty rebels killed near Necaxa, state of Puebla.
 April 9—Rebel forces at Jojutlo, Morelos, routed; 500 reported killed.
 April 14—Warning issued by the United States to the Mexican government and to Gen. Pascual Orozco that American life and property within the republic of Mexico must be adequately protected.
 April 17—Mexican minister of foreign affairs makes an official statement denying the right of the

American government to make the admonition contained in the note sent from Washington.
 April 26—Rebels numbering 2,000 completely routed by garrison at Tepic; 220 killed and many wounded.
 April 27—Many Americans of the west coast of Mexico reported to be in peril.
 May 4—Emilio Vasquez Gomez formally proclaimed provisional president of Mexico with capital at Juarez.
 May 5—Six hundred rebels killed near Cuatro Ciénegas by federals under Col. Pablo Gonzales.
 May 12—Rebels under Gen. Orozco routed by Gen. Huerta's federal forces at Concejos.
 July 3—Important positions occupied by rebels under Orozco captured at Bachinuba canyon.
 July 20—Train attacked by Zapatistas near Tres Marias on the Cuernavaca line and eighty-four passengers and soldiers killed.
 Aug. 12—Two hundred persons massacred by Zapatistas in Ixtapa; fifty-six soldiers and passengers killed on a train at Tiemuen.
 Sept. 6—Ultimatum served on Mexico by President Taft that if Americans and their interests are not protected by the Mexican government the United States will intervene.
 Oct. 16—Gen. Felix Diaz begins new revolution and with 500 men takes possession of the city of Vera Cruz.
 Oct. 23—The city of Vera Cruz and Gen. Diaz captured by federal troops without a fight.
 Oct. 24—Two of Gen. Diaz' officers tried by court martial and shot.
 Oct. 27—Gen. Diaz condemned by court martial to be shot; sentence suspended.
 Nov. 12—Gen. Diaz reported to have made his escape to the United States.

DEATHS OF CENTENARIANS IN THE UNITED STATES.

Nov. 1, 1911, to Nov. 1, 1912.

Barker, Mrs. Naomi H., 101, 1040 Elmwood avenue, Evanston, Ill., Sept. 3.
 Boyd, Samuel, 109, Jasper county, Indiana, May 16.
 Breen, Mrs. Catherine, 100, Joliet, Ill., Aug. 16.
 Duffy, Daniel A., 100, in Chicago, Sept. 21.
 Dunlap, Mrs. Dicy, 100, Jacksonville, Ill., Jan. 25.
 Farrell, Mrs. Winifred, 104, Newark, N. J., May 9.
 Gilliland, John, 101, Worden, Kas., March 4.
 Ingram, Harrison, 109, Hoopeson, Ill., Aug. 10.
 Isaacs, Abraham, 106, San Francisco, Cal., Nov. 2, 1911.
 Lusk, Mrs. Catherine, 100, Chariton, Iowa, May 17.
 Manitow, Joe, 120, Cedar, Mich., Oct. 24.

Marski, Joseph, 110, Chicago, Oct. 18.
 Martin, Mrs. Rachel, 102, Charleston, Ill., March 11.
 Morg, John, 124, Columbia, Ky., Feb. 22.
 Palmer, Mrs. S., 100, Grand Detour, Ill., Oct. 10.
 Pennington, Ann W., 100, Brookline, Mass., Jan. 20.
 Rockwell, Mrs. Lydia A., 106, in Boston, Mass., Aug. 9.
 Rosenheim, Mrs. Rebecca, 102, 3719 West 51st street.
 Sabatis, Isaac, 111, Long Lake, Ill., Feb. 1.
 Salvay, Mrs. Mary, 101, 1048 Orleans street; arrived 1847; died Jan. 5.
 Slate, Anna, 102, St. Paul, Minn., Feb. 12.

AVERAGE DEPTH OF OCEANS AND SEAS.

	Feet.		Feet.
Antarctic	10,800	Pacific	12,960
Arctic	5,160	Baltic	122
Atlantic	12,200	Bering	900
Indian	11,136	Caribbean	7,614

The mean depth of all the oceans and seas is estimated to be from 2 to 2½ miles. The greatest depth reported is 31,614 feet, or nearly 6 miles,

	Feet.		Feet.
China	402	Mexico, Gulf of....	4,632
Japan	7,520	North	300
Mediterranean	4,560	Okhotsk	5,040

near the island of Guam in the Pacific. The greatest known depth in the Atlantic is 27,366 feet, off the coast of Porto Rico.

RECORD OF LEADING STOCKS IN 1912.

Jan. 1 to Nov. 23. [From Dun's Review.]

Stocks.	High.	Low.	Stocks.	High.	Low.
Adams Express.....	205	Apr. 3	164½	Nov. 11	
Allis-Chalmers.....	3¼	Oct. 31	¼	Sep. 6	
Preferred.....	10½	Nov. 7	2	Sep. 26	
Amalgamated Copper.....	92½	Oct. 4	60	Feb. 1	
American Ag'l Chemical.....	63½	Jan. 2	56½	Nov. 12	
Preferred.....	104¼	Mar. 20	98	July 17	
American Beet Sugar.....	77	Sep. 15	52½	Nov. 12	
Preferred.....	107½	Nov. 15	92	Nov. 15	
Am. Brake Shoe & Fdry.....	99½	Sep. 17	91½	Jan. 2	
Preferred.....	160	Sep. 26	130	Jan. 2	
American Can.....	47½	Oct. 11	11½	Feb. 1	
Preferred.....	126¼	Sep. 19	90½	Feb. 1	
American Car & Foundry.....	63½	Sep. 25	49½	Feb. 1	
Preferred.....	120	May 24	115	Feb. 14	
American Cities.....	45½	Nov. 15	30½	Oct. 8	
Preferred.....	83½	June 20	75¼	Aug. 6	
American Coal Products.....	98	June 28	94	Nov. 12	
Preferred.....	114	Sep. 23	108½	July 22	
American Cotton Oil.....	59½	Nov. 16	45½	Jan. 19	
Preferred.....	92¼	Feb. 13	92	Jan. 19	
American Express.....	220	Apr. 15	182	Nov. 7	
American Hide & Leather.....	7¼	Sep. 25	3	Feb. 19	
Preferred.....	34	Sep. 24	20	Feb. 26	
American Ice Securities.....	30½	May 20	18	Jan. 2	
American Linseed.....	17½	Apr. 23	9¼	Mar. 6	
Preferred.....	43	Apr. 23	30	Feb. 20	
American Locomotive.....	46½	Aug. 17	31½	Feb. 27	
Preferred.....	110¼	Aug. 14	103	Jan. 9	
American Malt.....	19½	Aug. 5	4½	Jan. 10	
Preferred.....	69¼	Aug. 14	42	Jan. 6	
American Smelters pref. B.....	89½	June 10	85	Mar. 11	
Amer. Smelters and Ref. B.....	91	Sep. 26	67¼	Feb. 1	
Preferred.....	190	Sep. 26	102½	Jan. 2	
American Snuff.....	190	Oct. 18	123	Mar. 6	
Preferred.....	111½	Aug. 16	102½	Jan. 16	
Preferred new.....	105	Aug. 13	99	Feb. 9	
American Steel Foundries.....	44½	Oct. 8	26	Jan. 19	
American Sugar Ref.....	133½	May 13	114½	Jan. 12	
Preferred.....	124	Sep. 27	115½	Jan. 5	
American Tel. and Cable.....	78	Jan. 20	68	Nov. 11	
American Tel. and Tel.....	149¼	Mar. 25	137½	Jan. 2	
American Tobacco.....	324½	July 1	241½	Feb. 29	
Preferred.....	109	Sep. 9	102	Jan. 9	
Preferred new.....	106½	Jan. 19	101¼	Jan. 12	
American Woolen.....	31	May 17	23	Nov. 11	
Preferred.....	94½	Mar. 21	82	Nov. 16	
Amer. Writ'g Paper pref.....	4½	May 2	25½	Jan. 25	
Anaconda Copper.....	48	Oct. 2	24	Feb. 1	
Assets Realization.....	127½	Oct. 3	105½	Feb. 1	
Ass'd Merchants 1st pref.....	103	Mar. 26	102½	Mar. 26	
Atch, Topeka & Santa Fe.....	111½	Oct. 4	103½	Feb. 1	
Preferred.....	104¼	Feb. 10	101½	Jan. 2	
Atlantic Coast Line.....	148½	Aug. 12	133½	Jan. 10	
Balwin Locomotive.....	60½	Aug. 30	53½	June 18	
Preferred.....	108½	June 17	102½	Feb. 1	
Baltimore & Ohio.....	117½	Apr. 30	101½	Feb. 1	
Preferred.....	91	Jan. 23	86½	Aug. 13	
Batopilas Mining.....	27½	Apr. 16	7½	Mar. 23	
Bethlehem Steel.....	51½	Oct. 2	27½	Feb. 27	
Preferred.....	81	Sep. 23	56½	Feb. 27	
Brooklyn Bay Bridge Transp.....	4¼	June 2	27½	Jan. 2	
Brooklyn Union Gas.....	149	Aug. 12	137½	Mar. 21	
Brunswick Ter. & Ry. Sec.....	114	May 15	8	Jan. 22	
Buf., Rochester & Pitts.....	119½	July 25	105	Jan. 16	
Butterick Co.....	40¼	Apr. 30	29½	Mar. 18	
Canada Southern.....	67½	Feb. 21	65	Jan. 31	
Canadian Pacific.....	283	Aug. 15	226¼	Mar. 4	
Central & S. Amer. Tel.....	121¼	Jan. 25	114½	Nov. 6	
Central Leather.....	33½	Sep. 24	16½	Feb. 27	
Preferred.....	100½	Oct. 17	80	Feb. 27	
Central R. R. of New J's'y.....	395	Apr. 29	305	Jan. 9	
Chesapeake & Ohio.....	85¼	Oct. 3	68½	Feb. 1	
Chicago & Alton.....	24¼	Apr. 2	17	Jan. 25	
Preferred.....	40	Apr. 26	35	Jan. 5	
Chicago Great West'n new.....	203	Oct. 2	167½	July 12	
Preferred new.....	39¼	Aug. 8	31½	Sep. 18	
Chicago, Mil. & St. Paul.....	117½	Nov. 7	99½	July 13	
Preferred.....	146	Jan. 2	140	July 15	
Chicago & Northwestern.....	145	Apr. 26	134¼	July 12	
Preferred.....	198	Mar. 26	183	Nov. 9	
Chi., St. P. M. & Omaha.....	144	Jan. 30	126	July 16	
Preferred.....	155	Jan. 30	150	May 6	
Chicago Union Traction.....	37	Apr. 18	1¾	Feb. 16	
Preferred.....	10¼	Apr. 18	3¾	Nov. 11	
Chino Copper.....	50½	Nov. 8	25	Jan. 15	
Clev., Cin., Chi. & St. L.....	62½	Apr. 23	52	Nov. 15	
Preferred.....	101½	Apr. 17	96	Jan. 31	
Colorado Fuel & Iron.....	43½	Sep. 26	23½	Feb. 28	
Preferred.....	140	Sep. 9	106	Mar. 4	
Colorado Southern.....	45	Feb. 2	38½	June 20	
First preferred.....	76½	Jan. 19	73½	Oct. 25	
Second preferred.....	71	July 16	67	June 15	
Consolidated Coal.....	102	June 12	102	June 12	
Consolidated Gas.....	149½	Aug. 12	138¼	Feb. 17	
Corn Products Refining Co.....	22½	Oct. 19	10	Jan. 16	
Preferred.....	89¼	Oct. 18	76¼	Jan. 3	
Cuban Amer. Sugar pref.....	96	Jan. 8	92	June 29	
Delaware & Hudson.....	175½	Feb. 6	166	July 8	
Delaware, Lack. & West'n.....	569	Jan. 29	530	Aug. 23	
Denver & Rio Grande.....	24	Mar. 27	18½	July 12	
Preferred.....	46¼	Jan. 24	34¼	June 19	
Des Moines & Fort Dodge.....	5	May 18	5	May 18	
Detroit United Railways.....	75	Aug. 1	61¼	Apr. 2	
Distillers Securities.....	36¼	Aug. 21	25½	Oct. 25	
Duluth, S. & A.....	11¼	May 16	8	Sep. 9	
Preferred.....	22	Aug. 15	15½	Sep. 9	
Du P. de N. Pow. Co., pfd.....	100	Nov. 8	92½	May 9	
Erie.....	39¼	Apr. 11	30¼	Jan. 11	
First preferred.....	57½	Apr. 11	50½	Feb. 3	
Second preferred.....	48	Apr. 11	40	Feb. 3	
Federal Mining & Smelt'g.....	21½	Sep. 25	11¼	Feb. 28	
Preferred.....	52½	Sep. 26	37½	Jan. 23	
General Chemical.....	225	Aug. 12	128	Jan. 2	
Preferred.....	115	Sep. 12	106¼	Mar. 30	
General Electric.....	188¼	July 25	155	Jan. 2	
General Motors.....	42½	Sep. 3	30	Feb. 26	
Preferred.....	82½	Sep. 3	70¼	May 3	
Goldfield Consolidated.....	5	Mar. 18	2½	Oct. 9	
Great Northern pref.....	148½	Aug. 10	126	Jan. 15	
Great Northern Ore cfs.....	53	Sep. 26	36	Jan. 31	
Guggenheim Exploration.....	62½	June 14	53	July 11	
Hocking Valley.....	150	Aug. 14	127	Mar. 22	
Homestake Mining.....	99¼	Oct. 16	86¼	Mar. 9	
Illinois Central.....	141½	Jan. 23	120½	May 9	
Inspiration Cons. Copper.....	21½	Oct. 10	18½	Sep. 16	
Interborough-Metropolitan.....	22	July 2	16½	Jan. 3	
Preferred.....	67½	Oct. 15	53½	Jan. 3	
International Agricultural.....	53½	July 9	42	Nov. 13	
Preferred.....	99	June 27	93½	Sep. 6	
International Harvester.....	126½	Sep. 10	105½	Feb. 1	
Preferred.....	121½	Apr. 15	116½	Jan. 26	
International Merc. Marine.....	76	Mar. 29	15½	July 30	
Preferred.....	198	May 23	9½	Jan. 17	
International Paper.....	62½	May 23	45½	Jan. 3	
Preferred.....	84½	Apr. 8	78½	Nov. 9	
Iowa Central.....	15	Jan. 4	10½	Feb. 8	
Preferred.....	30	Jan. 4	22½	July 2	
Kan. City, Ft. S. & M. pref.....	81	Mar. 21	75½	Oct. 28	
Kansas City Southern.....	31¼	Sep. 30	22½	May 29	
Preferred.....	65½	Mar. 25	56	May 29	
Keokuk & Des Moines.....	9½	May 14	6	Mar. 18	
Preferred.....	55	May 16	43	Apr. 30	
Lackawanna Steel.....	50½	Mar. 29	4	Mar. 7	
Laclede Gas.....	108¼	Jan. 4	104	Mar. 16	
Lake Erie & Western.....	18	Apr. 24	11½	Jan. 21	
Preferred.....	40	May 21	30	Jan. 8	
Lehigh Valley.....	185½	Jan. 15	155½	Feb. 5	
Long Island.....	54½	June 26	43½	Feb. 13	
Louisville & Nashville.....	170	Aug. 14	146	Nov. 16	
Mackay Companies.....	92¼	July 17	75¼	Jan. 31	
Preferred.....	70½	Jan. 23	67½	Nov. 14	
Manhattan Elevated.....	138½	Mar. 13	131½	Sep. 18	
May Department Stores.....	88	Oct. 7	69	Apr. 11	
Preferred.....	112	Jan. 11	105½	June 24	
Mexican Petroleum Co.....	90¼	Sep. 17	62½	Apr. 10	
Miami Copper.....	30½	Sep. 25	23½	Feb. 14	
Minn. & St. Louis.....	27½	Jan. 23	13½	July 24	
Preferred.....	51½	Sep. 23	44½	Mar. 28	
M., St. P. & S. S. M.....	154¼	Aug. 12	129	Feb. 3	
Preferred.....	158	Aug. 19	147¼	Feb. 1	
Leased lines.....	887½	Jan. 17	84¼	Oct. 29	
Missouri, Kansas & Texas.....	31½	Mar. 29	25½	July 13	
Preferred.....	66	Apr. 17	57½	May 29	
Missouri Pacific.....	47½	Mar. 27	35	July 12	
M. Rumely pref.....	103½	Oct. 25	100	June 20	
Nashville, Chat. & St. L.....	180	Oct. 11	160¼	Apr. 22	
National Biscuit Co.....	161	Apr. 30	129½	July 26	
Preferred.....	131	June 19	122¼	Oct. 25	

Stocks.	High.	Low.	Stocks.	High.	Low.
National Enameling.....	26 Oct. 15	12½ Feb. 29	Sloss-Sheff. Steel & I. C. 59½	Sep. 20	39¼ Jan. 30
Preferred.....	95¼ Jan. 2	88 Feb. 27	Preferred.....	105 Apr. 1	100 May 9
National Lead Co.....	68¼ Oct. 7	51¼ Jan. 9	South Porto Rico Sugar. 83	Apr. 23	74¼ Aug. 20
Preferred.....	110¼ Aug. 20	105¼ Feb. 1	Preferred.....	110 Apr. 10	109 Aug. 27
Nat. Rys. of Mex. pref.....	71 Jan. 4	62¼ Oct. 7	Southern Pacific.....	115½ Apr. 8	105½ Feb. 1
Second preferred.....	36½ Jan. 20	26½ Oct. 13	Southern Railway.....	32 Sep. 30	26½ Jan. 31
Nevada Consolidated.....	24½ Sep. 30	18¼ Jan. 29	Preferred.....	86¼ Oct. 2	68½ Feb. 3
New York Air Brake.....	83½ Nov. 15	106¼ Jan. 9	Standard Milling.....	33¼ June 27	15¼ Jan. 19
New York Central.....	12½ Nov. 11	56 Mar. 11	Preferred.....	66 Oct. 2	63 Jan. 8
N. Y. Chi. & St. Louis.....	61¼ Apr. 13	54 Feb. 29	Studebaker Co.....	49¼ Aug. 9	30 July 10
First preferred.....	103 Mar. 26	102¼ Mar. 26	Preferred.....	98½ Aug. 13	90¼ June 28
Second preferred.....	90 Jan. 18	85 Sep. 16	Tennessee Copper.....	47¼ May 21	34¼ Feb. 1
New York Dock.....	23 Jan. 25	19 Nov. 14	Texas Co.....	130¼ Sep. 7	81 Jan. 16
Preferred.....	47 Apr. 18	35 Oct. 14	Texas Pacific.....	26¼ Nov. 7	20¼ Jan. 11
N. Y., N. H. & Hartford.....	142¼ Apr. 1	134 June 18	Land tr.....	97¼ Oct. 17	89 Apr. 17
N. Y., Ont. & Western.....	41¼ Apr. 12	29½ June 29	Third Avenue, new.....	49¼ Jan. 9	35 Sep. 14
New York State Railways 93½	Apr. 26	83¼ Oct. 25	Toledo Rys. & Light.....	10½ Apr. 16	3 Jan. 15
Norfolk Southern.....	55 May 2	45½ Sep. 16	Toledo, St. L. & Western. 16½	Mar. 27	12 Sep. 11
Norfolk & Western.....	119¼ Aug. 12	107¼ Feb. 1	Preferred.....	36 Apr. 8	28 June 7
Preferred.....	92 Feb. 17	88 June 12	Twin City Rapid Transi. 11½	Sep. 17	104 Oct. 14
North American.....	87¼ Aug. 21	74¼ Jan. 3	Preferred.....	14 Mar. 9	145 Oct. 9
North, Ohio Tr. & Light.....	73 Aug. 14	115½ Jan. 11	Underwood Typewriter.....	115¼ July 26	111 Feb. 26
Northern Pacific.....	131½ Aug. 14	115½ Jan. 11	Preferred.....	147 Mar. 9	145 Oct. 9
Ontario Mining.....	3¼ May 20	1 Feb. 10	Union Bag & Paper Co.....	17¼ May 15	4½ Jan. 5
Pabst Brewing pref.....	110 Apr. 6	108 Feb. 15	Preferred.....	67¼ May 15	47 Nov. 16
Pacific Mail.....	38 Apr. 30	30 Jan. 3	Union Pacific.....	176¼ Sep. 30	160 Feb. 1
Pacific Tel. & Tel.....	55½ Apr. 25	47 Feb. 5	Preferred.....	93½ Feb. 27	88¼ Oct. 31
Preferred.....	101¼ Sep. 13	98¼ July 26	United Cigar Mfrs.....	64¼ May 21	62 Nov. 15
Pennsylvania Railroad.....	126¼ May 2	122¼ Jan. 9	Preferred.....	109 Feb. 15	104¼ Sep. 21
Peoples Gas, Chicago.....	122¼ Oct. 9	103 Jan. 8	United Dry Goods.....	102¼ July 17	97 Feb. 10
Peoria & Eastern.....	18¼ Oct. 19	13¼ Oct. 5	Preferred.....	108¼ July 31	103½ Sep. 24
Philadelphia Co.....	111¼ Feb. 16	100¼ Oct. 28	United Rys. Invest. Co.....	39¼ Oct. 23	28 July 11
P. Lorillard Co.....	215¼ Oct. 18	167 Mar. 7	Preferred.....	68 Nov. 7	57 July 18
Preferred.....	118 Aug. 20	107¼ Jan. 12	U. S. Cast Iron Pipe.....	22¼ May 16	13 Feb. 16
P., C. C. & St. Louis.....	111¼ Aug. 15	98¼ Jan. 2	Preferred.....	64½ Oct. 18	59 Jan. 4
Preferred.....	117 Feb. 20	108¼ Jan. 2	U. S. Express.....	100 Apr. 2	62¼ Nov. 14
Pittsburgh Coal.....	27¼ Aug. 14	16¼ Feb. 28	Preferred.....	57¼ Sep. 24	26 Jan. 8
Preferred.....	100¼ Aug. 14	77 Feb. 8	U. S. Realty & Improve. 86¼	July 18	67 Jan. 31
Pittsburgh Steel pref.....	104¼ Aug. 9	101 Feb. 17	U. S. Reduc. & Refining. 3	Apr. 24	1¼ Mar. 4
Pressed Steel Car.....	47¼ Sep. 34	38¼ Feb. 28	Preferred.....	10¼ Apr. 10	4 Aug. 22
Preferred.....	103¼ Apr. 16	96 Feb. 28	U. S. Rubber.....	67¼ May 21	45¼ Feb. 1
Public Service Corp.....	120¼ Aug. 13	106¼ Feb. 7	First preferred.....	116 May 20	105½ July 25
Pullman Co.....	127½ Jan. 21	158¼ Feb. 7	Second preferred.....	85¼ May 21	75 Jan. 23
Quicksilver.....	8¼ Apr. 26	3 Jan. 4	U. S. Steel.....	80¼ Sep. 30	58¼ Feb. 13
Preferred.....	12¼ May 13	3¼ Feb. 28	Preferred.....	117 Sep. 30	107¼ Feb. 13
Railway Steel Springs.....	40¼ Sep. 25	27¼ Feb. 1	Utah Copper.....	67¼ Sep. 30	52¼ Jan. 29
Preferred.....	105 Aug. 28	100 Mar. 12	Va. Car. Chemical.....	52¼ Jan. 26	45 Sep. 10
Ray Con. Copper.....	24¼ Sep. 23	16 Jan. 29	Preferred.....	127¼ Mar. 20	127¼ Mar. 20
Reading.....	179¼ Apr. 29	148¼ Jan. 11	Va. Iron, Coal & Coke.....	90 Jan. 2	54 Mar. 4
First preferred.....	93¼ Apr. 29	87¼ June 27	Va. Ry. & Power.....	95 Nov. 9	41 Jan. 4
Second preferred.....	101¼ Apr. 29	94 Jan. 11	Preferred.....	91¼ Nov. 15	87 Jan. 26
Republic Iron & Steel.....	35¼ Oct. 4	15¼ Feb. 26	Vulcan Detinning.....	27¼ Feb. 20	15 Jan. 17
Preferred.....	93¼ Oct. 25	64¼ Feb. 27	Preferred.....	87 Sep. 30	70 Jan. 8
Rock Island.....	30¼ Apr. 8	22¼ May 31	Wabash.....	9¼ May 11	3¼ June 19
Preferred.....	59½ Apr. 9	47¼ July 16	Preferred.....	22¼ Apr. 9	12¼ June 27
Rutland pref.....	65 Jan. 23	50 Jan. 17	Wells-Fargo Express.....	151 Jan. 3	116¼ Nov. 14
St. Louis & San Francisco 29¼	Mar. 26	20½ Sep. 6	Western Maryland.....	64¼ Mar. 25	53¼ Oct. 30
First preferred.....	69¼ Mar. 23	61 May 10	Preferred.....	81 Apr. 6	75 Jan. 9
Second preferred.....	43¼ Apr. 11	33¼ July 24	W. U. Telegraph.....	86¼ Jan. 18	77¼ Nov. 13
C. & E. I. new cts.....	3¼ Sep. 14	48 Nov. 13	Washington, E. & M.....	82¼ Aug. 9	68¼ Jan. 3
Preferred cts.....	110 Mar. 1	105¼ Jan. 4	Preferred.....	126 Aug. 8	114¼ Jan. 5
St. Louis Southwestern.....	40¼ Oct. 4	29¼ Jan. 22	Weyman-Bruton.....	300 Oct. 18	170 Jan. 25
Preferred.....	80¼ Oct. 4	68¼ Jan. 17	Preferred.....	116¼ Sep. 20	112 Mar. 14
Seaboard Airline.....	27¼ Apr. 4	18¼ Oct. 25	Wheeling & Lake Erie.....	11¼ Oct. 10	4 Jan. 10
Preferred.....	56¼ June 7	47¼ Oct. 25	First preferred.....	36¼ Oct. 9	11 Jan. 3
Sears-Roebuck.....	221 Nov. 8	140 Jan. 15	Second preferred.....	17¼ Oct. 9	6 Jan. 18
Preferred.....	124¼ Aug. 9	121 Jan. 9	Wisconsin Central.....	62¼ Aug. 12	48 Feb. 5

THE LOS ANGELES TIMES DYNAMITE CASE.

TRIAL OF CLARENCE S. DARROW.

Clarence S. Darrow, a Chicago attorney, was indicted in Los Angeles, Cal., Jan. 29, 1912, for the alleged bribery of Robert F. Bain, a juror, and George N. Lockwood, a prospective juror in the Los Angeles Times dynamite case, for which James E. and John J. McNamara were sent to the penitentiary Dec. 5, 1911. The indictments against Mr. Darrow rested chiefly on the confession of Bert H. Franklin, chief detective for the McNamaras. The attorney was tried on the charge involving the Bain case. The trial began May 15 and ended Aug. 17, when the jury returned a verdict of not guilty.

LABOR OFFICIALS ON TRIAL.

Forty-six men, most of them union labor officials and agents, were placed on trial before Federal

Judge A. B. Anderson in Indianapolis, Ind., Oct. 1, 1912, on the charge of complicity in more than 100 dynamite explosions, including that which destroyed the Los Angeles Times building. The men were indicted in February and arraigned in March. When the trial opened the cases against J. W. Irwin of Peoria, Ill., Andrew J. Kavanaugh, Illinois, and Patrick H. Ryan, Chicago, were dismissed. Ortie E. McManigal pleaded guilty, Oct. 7. Edward S. Clark of Cincinnati, business agent and president of local union 44 of the International Association of Bridge and Structural Iron Workers, also pleaded guilty. The government elected to try the defendants on five counts charging conspiracy and on fifty counts charging direct violation of the law against carrying explosives.

DECISION AGAINST HARRIMAN RAILROAD COMBINATION.

Jan. 25, 1908, it was announced by the attorney-general of the United States that a bill in equity would be filed to set aside control by the Union Pacific Railroad company and its subsidiary corporations of the Southern Pacific line and the San Pedro, Los Angeles & Salt Lake line; also to have declared illegal the ownership by the Union Pacific or Oregon Short Line of stock in the Santa Fe, Great Northern and Northern Pacific lines, all of which are competitors of the Union Pacific. The attorney-general, in a formal statement issued on the date named, declared:

"From evidence and independent investigation, the department has concluded the stock holdings of the Union Pacific and subsidiary company in the other corporations mentioned are in violation of the Sherman act. The department regards the suit as of first importance, as it is sought by means thereof to break up a substantial monopoly of the transportation business between the Missouri river on the east and the Pacific coast south of Portland on the west.

"Aside from the railway companies named, defendants in the suit are the Farmers' Loan and Trust company of New York, depository of all stock of the San Pedro road, under a contract by which it is required to give proxies to such persons as may be named by Mr. Harriman and Mr. Clark for a period of years. The following individual defendants are alleged to have conceived and carried out the conspiracy complained of: E. H. Harriman, Jacob H. Schiff, Otto H. Kahn, James Stillman, Henry C. Frick, Henry H. Rogers and William A. Clark."

Feb. 1, 1908, United States Attorney Hiram E. Booth, acting for the attorney-general, filed in the United States Circuit court for the district of Utah, sitting at Salt Lake City, a petition or bill in equity in which the following railroad companies and individuals were made defendants: Union Pacific, Oregon Short Line, Oregon Railroad & Navigation, San Pedro, Los Angeles & Santa Fe, Southern Pacific, Northern Pacific, Great Northern, the Farmers' Loan and Trust company, Edward H. Harriman, Jacob H. Schiff, Otto H. Kahn, James Stillman, Henry H. Rogers, Henry C. Frick and William A. Clark. The bill set out in detail the agreements, contracts and operations by which the several individual defendants at various times since Jan. 1, 1901, were alleged to have secured for themselves and others the management and control of the various defendant roads and steamship lines, and to have ever since operated them in restraint of trade and commerce in violation of the act of congress approved July 2, 1890, or the Sherman antitrust law. After alleging combination and conspiracy among the defendants in derogation of the common rights of all the people of the United States, the bill asked that the defendants be perpetually enjoined from doing any and every act or thing in furtherance of the combination and conspiracy described and intended to complete the control or partial control of competing lines of railway by the Union Pacific and subsidiary companies.

In the proceedings which followed in the Circuit court before Judges Sanborn, Van Devanter, Hook and Adams the decisions on most of the important points were against the government and the case was brought before the United States Supreme court, which made public its decision Dec. 2, 1912. In announcing the opinion Mr. Justice Day said:

"This court reaches the decision that the Union Pacific and Southern Pacific systems, prior to the stock purchase, were competitors engaged in interstate commerce, acting independently as to a large amount of such carrying trade, and that since the acquisition of the stock in question the dominating power of the Union Pacific has suppressed competition between the systems and has effected a combination in restraint of interstate commerce within the prohibition of the act. In order to enforce the statute the court is required to forbid the doing in the future of acts like those which are found to have been done in violation thereof and to enter a decree which will effectually dissolve the combination found to exist in violation of the statute.

"The decree should provide an injunction against the right to vote this stock while in the ownership or control of the Union Pacific company, or any corporation owned by it, or while held by any corporation or person for the Union Pacific company, and forbid any transfer or disposition thereof in such wise as to continue its control, and should provide an injunction against the payment of dividends upon such stocks while thus held except to a receiver to be appointed by the court, which shall collect and hold such dividends until disposed of" by the decree of the court.

"As the court below dismissed the government's bill, it was necessary there to consider the disposition of the shares of stock acquired by the Union Pacific company, which acquisition, we hold, constituted an unlawful combination in violation of the antitrust act.

"In order to effectually conclude the operating force of the combination such disposition should be made subject to the approval and decree of the court, and any plan for the disposition of this stock must be such as to effectually dissolve the unlawful combination thus created.

"The court shall proceed, upon the presentation of any plan, to hear the government and defendants and may bring in any additional parties whose presence may be necessary to a final disposition of the stock in conformity to the views herein expressed.

"As to the suggestion made at the oral argument by the attorney-general as to the nature of the decree, that one must be entered which, while destroying the unlawful combination in so far as the Union Pacific secured control of the competing line extending from New Orleans and Galveston to San Francisco and Portland, would permit the Union Pacific to retain the Central Pacific connection from Ogden to San Francisco, thus effecting such a continuity of the Union Pacific and Central Pacific from the Missouri river to San Francisco as was contemplated by the acts of congress under which they were constructed, it should be said that nothing herein shall be considered as preventing the government or any party in interest, if so desiring, from presenting to the court a plan for accomplishing this result, or as preventing the court from adopting and giving effect to any such plan so presented.

"Any plan or plans shall be presented to the court within three months from the receipt of the mandate of this court, failing which, or upon the rejection by the court of the plans submitted within such time, the court shall proceed by receivership and sale, if necessary, to dispose of such stock in such wise as to dissolve such unlawful combination.

"The government has appealed from the decree, which is a general one dismissing the bill. So far as concerns the attempt to acquire the Northern Pacific stock and the stock of the Atchison, Topeka & Santa Fe Railway company afterward abandoned, and a certain interest in the San Pedro and Los Angeles & Salt Lake Railroad company, and other features of the case dealt with and disposed of by the decree and opinion of the court below, it is sufficient, without going into these matters in detail, to say as to them we find no reason to disturb the action of the court below, but for the reasons stated the decree shall be reversed and one entered in conformity with the views herein expressed so far as concerns the acquisition of the Southern Pacific stock."

TRAFFIC IN SAULT STE. MARIE CANAL.

	1909.	1910.	1911.
Steamers	16,463	17,674	15,160
Sailing vessels	1,787	1,890	1,681
Unregistered	984	1,335	1,832
Total	19,240	20,899	18,673
Net registered tonnage.....	46,751,717	49,856,123	41,659,483
Net freight tonnage.....	57,895,149	62,363,218	53,477,216
Passengers, number....	59,948	66,933	79,951

THE PRESIDENTIAL CAMPAIGN OF 1912.

In the American presidential campaign of 1912 the feature of greatest interest and importance was the dissension in the ranks of the republicans, resulting in the birth of a new political organization—the progressive party—with ex-President Theodore Roosevelt at its head. The immediate cause was the alleged "theft" of delegates to the national nominating convention by the leaders representing the administration, who were working for the re-nomination and re-election of President William H. Taft, but there were other causes dating as far back as the contest made by progressive representatives against the so-called "standpat" policy of the conservative element in congress, led by Speaker Joseph G. Cannon in the house and by Senator Nelson W. Aldrich in the senate.

Before giving the details of the split in the republican party it may be said that the campaign, so far as the other national political organizations were concerned, was less momentous though not lacking in phases of general interest. In the struggle for the presidential nomination the democratic forces were also divided into two camps, but the lines were not as sharply drawn as in the republican party and the outcome was radically different. Speaker Champ Clark was the choice of most of the conservatives and also of many who called themselves progressive. He was also the choice in most of the democratic state primaries. Dr. Woodrow Wilson, governor of New Jersey, was the choice of the opposing forces, who claimed that he was a real progressive and free from all kinds of entangling political alliances. In the struggle for the nomination Mr. Clark had the advantage, but the two-thirds rule and the antagonism of William J. Bryan prevented him from becoming the democratic standard bearer. The details of the great contest in the Baltimore convention will be found elsewhere (page 130) in this volume. Mr. Wilson conducted an effective and dignified campaign and as had been generally predicted was easily elected president Nov. 5.

The socialist, socialist labor and prohibition campaigns were without features distinguishing them from those of former presidential years. If there were internal dissensions they were not very apparent and did not affect the result to any marked extent. As the election returns show, the socialists made a considerable gain in votes. Though they lost their only congressman, Victor Berger of Wisconsin, they gained not a few representatives in the state legislatures.

PROGRESSIVE MOVEMENT.

In considering the dissension in the republican party it is necessary to go back to Jan. 21, 1911, when the National Progressive Republican league was organized in Washington, D. C., with Senator Jonathan Bourne, Jr., of Oregon as president. In its declaration of principles the league held that popular government in America had been thwarted and progressive legislation strangled by special interests, which controlled caucuses, delegates, conventions and party organizations and, through control of the machinery of government, dictated nominations and platforms and elected state and national officials. It therefore advocated the election of United States senators by direct vote of the people; direct primaries for the nomination of all elective officials; direct election of delegates to national conventions with opportunity for the voter to express his preference for president and vice-president; amendment of state constitutions to provide for the initiative, referendum and recall and a thorough and general corrupt practices act.

Among those who signed this declaration of principles were Senators Jonathan Bourne, Jr., Joseph L. Bristow, Norris Brown, Moses E. Clapp, Albert E. Cummins, Joseph M. Dixon, A. J. Gronna, Robert M. LaFollette and Miles Poindexter, and Govs. Chester H. Aldrich, Joseph M. Carey, Hiram W. Johnson, W. R. Stubbs, F. E. McGovern and Chase S. Osborn.

Oct. 16 and 17, 1911, a national progressive republican conference was held in Chicago at which a declaration of principles similar to that quoted above was adopted and Robert M. LaFollette of

Wisconsin was indorsed for the presidency. "The record of Senator LaFollette in state and nation," it asserted, "makes him a logical candidate for president of the United States. His experience, his character, his courage, his record of constructive legislation and administrative ability meet the requirements of leadership such as present conditions demand."

Senator LaFollette began his presidential campaign in Ohio in December and continued it in Michigan and Illinois in January, 1912. In Ohio the progressives, led by Gifford Pinchot and James R. Garfield, refused to indorse him and in Michigan he was criticised by Gov. Chase S. Osborn, one of the progressive leaders. Gov. Stubbs of Kansas, whom he had counted upon as one of his friends, came out for Mr. Roosevelt instead, and when finally on the night of Feb. 3, at a banquet of the Periodicals Publishers' association in Philadelphia, Mr. LaFollette aroused much adverse criticism by an attack on the press, it was generally assumed that his "boom" had collapsed. On account of a sudden attack of illness he canceled his speaking engagements and only the most faithful of his friends regarded him as still in the race. March 19 he won in the preferential primary in North Dakota, but the delegates he secured there and in his own state of Wisconsin were all he could muster and he went into the national convention with but little strength behind him. He had been overwhelmed by the rising Roosevelt tide.

Though it was well known that Mr. Roosevelt disapproved of the administration of President Taft, there was much doubt in 1911 and the first few weeks of 1912 as to what attitude he would take personally in the campaign. This doubt was caused in great measure by a statement issued by him from the white house in Washington, D. C., on the evening of Nov. 8, 1904, when the result of the presidential election had been made known. This statement was as follows:

"I am deeply sensible of the honor done me by the American people in thus expressing their confidence in what I have done and am obliged to do. I appreciate to the full the solemn responsibility this confidence imposes upon me, and I shall do all that in my power lies not to forfeit it. On the 4th of March next I shall have served three and a half years, and this three and a half years constitute my first term. The wise custom which limits the president to two terms regards the substance and not the form, and under no circumstances will I be a candidate for or accept another nomination."

Dec. 11, 1907, Mr. Roosevelt issued a brief statement from the white house in which he quoted the foregoing declaration and added the following words: "I have not changed and shall not change the decision thus announced."

APPEAL BY GOVERNORS.

Notwithstanding this declaration great pressure was brought to bear upon Mr. Roosevelt by the progressive wing of the republican party to reconsider his determination not to become a candidate for a third term as president of the United States. Following a conference held in Chicago Feb. 10, 1912, by what was called the national Roosevelt committee and which included a number of republican state governors the following letter was sent to Mr. Roosevelt:

"We, the undersigned, republican governors, assembled for the purpose of considering what will best insure the continuation of the republican party as a useful agency of good government, declare it our belief, after a careful investigation of the facts, that a large majority of the republican voters of the country favor your nomination, and a large majority of the people favor your election as the next president of the United States.

"We believe that your candidacy will insure success in the next campaign. We believe that you represent, as no other man represents, those principles and policies upon which we must appeal for a majority of the votes of the American people, and which, in our opinion, are necessary for the happiness and prosperity of the country.

"We believe that in view of this public demand you should soon declare whether, if the nomination

for the presidency come to you unsolicited and unsought, you will accept.

"In submitting this request we are not considering your personal interests. We do not regard it as proper to consider either the interests or the preference of any man as regards the nomination for the presidency. We are expressing our sincere belief and best judgment as to what is demanded of you in the interests of the people as a whole. And we feel that you would be unresponsive to a plain, public duty if you should decline to accept the nomination, coming as the voluntary expression of the wishes of a majority of the republican voters of the United States, through the action of their delegates in the next national convention."

The letter was signed by the following governors: William E. Glasscock, West Virginia; Chester H. Aldrich, Nebraska; Robert P. Bass, New Hampshire; Joseph M. Carey, Wyoming; Chase S. Osborn, Michigan; W. R. Stubbs, Kansas; Herbert S. Hadley, Missouri.

MR. ROOSEVELT ACCEPTS.

In a letter dated at New York, N. Y., Feb. 24, 1912, Mr. Roosevelt replied as follows: "Gentlemen—I deeply appreciate your letter and I realize to the full the heavy responsibility it puts upon me, expressing, as it does, the carefully considered convictions of the men elected by popular vote as the heads of government in their several states.

"I absolutely agree with you that this matter is not one to be decided with any reference to the personal preferences or interests of any man, but purely from the standpoint of the interests of the people as a whole. I will accept the nomination for president if it is tendered to me, and I will adhere to this decision until the convention has expressed its preference.

"One of the chief principles for which I have stood and for which I now stand and which I have always endeavored and always shall endeavor to reduce to action is the genuine rule of the people; and, therefore, I hope that, so far as possible, the people may be given the chance through direct primaries to express their preference as to who shall be the nominee of the republican presidential convention. Very truly yours,

"THEODORE ROOSEVELT."

Before this letter was published it had become practically certain that Mr. Roosevelt would run for the presidency, as it was announced Feb. 17 in the Outlook, a magazine of which he was one of the editors, that "what Mr. Roosevelt said in 1904 and 1907 referred, of course, to a consecutive third term."

COLUMBUS SPEECH.

The speech made by Mr. Roosevelt before the Ohio constitutional convention in Columbus, O., Feb. 21, 1912, was also regarded as a sure indication that he would accept a nomination to a third term, as it was heralded as a statement of his personal views on certain questions which, it was thought, would be made issues in the presidential campaign. Among the more important of his utterances on this occasion were the following:

"I believe in providing for direct nominations by the people, including therein direct preferential primaries for the election of delegates to the national nominating convention.

"I believe in the election of United States senators by direct vote.

"I believe in the initiative and the referendum, which should be used not to destroy representative government but to correct it whenever it becomes misrepresentative.

"I do not believe in adopting the recall [of judges] save as a last resort, when it has become clearly evident that no other course will achieve the direct result. But either the recall will have to be adopted or else it will have to be made much easier than it now is to get rid not merely of a bad judge but of a judge who, however virtuous, has grown so out of touch with social needs and facts that he is unfit longer to render good service on the bench. It is nonsense to say that impeachment meets the difficulty. In actual practice we have found that impeachment does not work, that unfit judges stay on the bench in spite of it, and, in-

deed, because of the fact that impeachment is the only remedy that can be used against them.

"We should hold the judiciary in all respect, but it is both absurd and degrading to make a fetish of a judge or of any one else."

Speaking before the Massachusetts assembly Feb. 26, Mr. Roosevelt said: "I am not advocating the recall of judges; I am advocating a measure which, if adopted, will prevent the necessity of the recall of judges. I am not advocating the recall of the judge; I am advocating the recall of legalism to justice. * * * My proposal applies only to the legislative acts which the courts declare unconstitutional."

From the Taft headquarters in Washington, D. C., came the announcement, Feb. 27, that the following governors were actively advocating the renomination of the president: Eberhardt, Minnesota; Carroll, Iowa; Hay, Washington; Goldsborough, Maryland; Tener, Pennsylvania; Hooper, Tennessee; Spry, Utah; Penewell, Delaware, and Pothier, Rhode Island. The support of Govs. Deenoe of Illinois, Oddie of Nevada and Mead of Vermont was also claimed on behalf of Mr. Taft.

Systematic work for the nomination of Mr. Roosevelt for the presidency began Feb. 29 when Senator Joseph M. Dixon of Montana was chosen to manage the campaign. He was given the title of chairman of the executive committee of the national Roosevelt committee. Congressman William B. McKinley was in charge of the administration forces in the campaign for delegates to the nominating convention.

PRESIDENTIAL PRIMARIES.

Preferential primaries played an important part in the pre-convention campaigns of both the great parties and the prediction was made that in 1916 the national conventions would merely have to ratify the selections made by the people at the primaries. It was practically a new feature in national politics, as prior to 1911 but few states had laws permitting the people to express their preferences for president. Oregon led with a complete primary law in the fall of 1910 and was followed in 1911 by New Jersey, Wisconsin, Nebraska and California. In 1912 North Dakota, Massachusetts, Illinois, Maryland and other states extended or amended their primary laws so as to include the presidency. Primary elections were held in March, April and May in fourteen states. Mr. Taft led in Massachusetts, Senator LaFollette in North Dakota and Wisconsin and Mr. Roosevelt in the others. In Illinois the primary election was held April 9 and resulted as follows: Roosevelt, 266,917; Taft, 127,481; LaFollette, 42,692. For the democrats, Champ Clark carried the state by a plurality of 142,956. In Pennsylvania Mr. Roosevelt had a plurality of 79,899 votes. These substantial victories gave great encouragement to the progressives.

PERSONALITIES A FEATURE.

Both President Taft and Mr. Roosevelt entered personally into the campaign and made speeches that became increasingly warm as the time for the republican convention drew nearer. The recall of judges was a topic frequently discussed by each candidate. In a speech delivered in Toledo, O., March 8, Mr. Taft, having in mind Mr. Roosevelt's proposed method of reversing judicial decisions, said: "I have examined the proposed method of reversing judicial decisions on constitutional questions with care. I do not hesitate to say that it lays the ax at the foot of the tree of well ordered freedom and subjects the guaranties of life, liberty and property without remedy to the fitful impulse of a temporary majority of an electorate."

Congressman Philip P. Campbell of Kansas, in a speech in New Hampshire, referred to the proposed recall of judges as "an appeal from the umpire to the bleachers." Mr. Roosevelt resented the comparison as inapplicable. April 25, in Boston, Mr. Taft bitterly assailed Mr. Roosevelt, accusing him of willful misrepresentation and distortion to gain the support of the people. "He has failed to live up to his policy of giving everybody a square deal," said the president. "He has violated a solemn promise to the American people not to be a candidate for a third term. You can drive a man into a corner where his manhood requires that he should

fight and I am there." April 26, at Worcester, Mass., Mr. Roosevelt replied to Mr. Taft in even more severe terms, saying among other things that the president was a weak man. "I do not think," declared Mr. Roosevelt, "that Mr. Taft means ill. I think he means well. But he means well feebly, and during his administration he has been under the influence of men who are neither well meaning nor feeble."

The Lorimer case, the Harvester investigation of 1907, the use of "steam-roller" methods by the administration in obtaining delegates to the convention, the misuse of federal patronage and the subjection of the people to the bosses were among the matters that were brought into the campaign at this stage and discussed with considerable warmth by the candidates. Senator LaFollette made a number of speeches in which he assailed both Mr. Taft and Mr. Roosevelt, but he was especially vigorous in attacking the latter for his alleged inconsistencies and shortcomings as a reformer and progressive.

The fight for delegates at district and state conventions was in many instances extremely bitter, resulting in withdrawals or bolts and the election of two sets of delegates, and it became apparent that the convention would have a large number of contests to decide. The outcome is fully told in the story of the republican convention, beginning on page 127 of this issue of The Daily News Almanac and Year-Book. It is sufficient to say here that Mr. Roosevelt and his friends were satisfied that the nomination had been "stolen" from him and that consequently it became their duty to hold another convention.

CALL FOR CONVENTION.

July 7 the following call for the third party convention was sent out from New York, N. Y., by Senator Joseph M. Dixon of Montana:

"To the people of the United States, without regard to past differences, who, through repeated betrayals, realize that to-day the power of the crooked political bosses and of the privileged classes behind them is so strong in the two old party organizations that no helpful movement in the real interests of our country can come out of either;

"Who believe that the time has come for a national progressive movement—a nationwide movement—on nonsectional lines, so that the people may be served in sincerity and truth by an organization unfettered by obligation to conflicting interests;

"Who believe in the right and capacity of the people to rule themselves, and effectively to control all the agencies of their government and who hold that only through social and industrial justice, thus secured, can honest property find permanent protection;

"Who believe that government by the few tends to become, and has in fact become, government by the sordid influences that control the few;

"Who believe that only through the movement proposed can we obtain in the nation and the several states the legislation demanded by the modern industrial evolution; legislation which shall favor honest business and yet control the great agencies of modern business so as to insure their being used in the interest of the whole people; legislation which shall promote prosperity and at the same time secure the better and more equitable diffusion of prosperity; legislation which shall promote the economic well-being of the honest farmer, wage-worker, professional man and business man alike, but which shall, at the same time, strike in efficient fashion—and not pretend to strike—at the roots of privilege in the world of industry no less than in the world of politics;

"Who believe that only this type of wise industrial evolution will avert industrial revolution;

"Who believe that wholesome party government can come only if there is wholesome party management in a spirit of service to the whole country, and who hold that the commandment delivered at Sinai, 'Thou shalt not steal,' applies to politics as well as to business;

"To all in accord with these views a call is hereby issued by the provisional committee under the resolution of the mass meeting held in Chicago on June 22 last to send from each state a number of

delegates whose votes in the convention shall count for as many votes as the state shall have senators and representatives in congress, to meet in the convention at Chicago on the 5th day of August, 1912, for the purpose of nominating candidates to be supported for the positions of president and vice-president of the United States."

The following names were appended to the call:

Alabama—Oscar W. Hundley.
Arizona—Dwight E. Heard.
California—Hiram W. Johnson, Chester H. Rowell, Charles S. Wheeler.
Colorado—Ben B. Lindsey.
Connecticut—Joseph W. Alsopp, Flavel S. Luther.
Florida—J. H. Gregory, Jr., H. L. Anderson.
Georgia—Julian Harris.
Indiana—Edwin D. Lee, Horace C. Stillwell.
Illinois—Medill McCormick, Chauncey Dewey, LaVerne W. Noyes.
Iowa—John L. Stevens.
Kansas—Henry J. Allen.
Kentucky—Leslie Coombs.
Louisiana—John M. Parker, Pearl Wight.
Maryland—Chas. J. Bonaparte, E. C. Carrington, Jr.
Massachusetts—C. S. Bird, Matthew Hale.
Michigan—Theodore M. Joslyn.
Minnesota—Milton D. Purdy.
Missouri—W. R. Nelson.
Montana—Joseph M. Dixon.
Nebraska—Arthur G. Ray.
New Hampshire—W. J. Beattie.
New Jersey—Everett Colby, George L. Record, J. Franklin Fort.
New Mexico—George Curry, Miguel A. Otero.
New York—W. A. Prendergast, Oscar S. Straus, Woods Hutchinson, Timothy L. Woodruff, Chauncey J. Hamlin, Henry L. Stoddard.
North Dakota—A. Y. More.
Oregon—Henry W. Cole, L. W. McMahon.
Ohio—James R. Garfield.
Oklahoma—George L. Priestly.
Pennsylvania—E. A. Van Valkenburg, William Flinn, Gifford Pinchot, William Draper Lewis.
Rhode Island—Henry J. Doughty.
South Dakota—R. T. Vessey.
Tennessee—George L. Taylor.
Texas—Cecil A. Lyon.
Utah—C. E. Loose.
Vermont—Charles H. Thompson, E. W. Gibson.
Virginia—Thomas Lee Moore.
Washington—Miles Poindexter.
West Virginia—W. M. O. Dawson.
Wisconsin—H. F. Cochems.
Wyoming—Joseph Carey.

The call resulted in all the states, with the exception of South Carolina, choosing delegates and sending them to the convention in Chicago. As was expected, Mr. Roosevelt was the only candidate for president in the field and he was nominated with Gov. Hiram W. Johnson of California as running mate. (For proceedings of national progressive convention see page 133, this volume.)

CAMPAIGN FOR ELECTION.

When all the conventions had been held and the nominations made the contest for the election began. The democrats, republicans and progressives divided their national headquarters between Chicago and New York. The socialists and prohibitionists sent out their speakers and literature chiefly from Chicago, while the socialist labor party did the same from New York city. The men who directed the active work for each of the great organizations were: Democratic, William F. McCombs; republican, Charles D. Hiles; prohibition, Virgil G. Hinshaw; progressive, Joseph M. Dixon; socialist, John M. Work. The populists had no ticket in the field.

The campaign that followed was less exciting than the struggle for the nominations. Mr. Taft made no speeches, contenting himself with writing an occasional letter on topics bearing upon the issues of the day. These were practically the same as those discussed in the pre-convention meetings. Woodrow Wilson spoke in some of the principal cities in the east and central west and was assisted by W. J. Bryan, Champ Clark and other democratic orators of note. The greatest activity, however, was displayed by Mr. Roosevelt, who

made speaking tours extending from the Atlantic to the Pacific and from Canada to the gulf. He was followed, or "trailed," by John M. Harlan of Chicago and J. Adam Bede of Pine City, Minn., republicans, who attacked his policies in each of the cities visited by him. The meetings were well attended, as a rule, but were devoid of striking features until the attempted assassination of Mr. Roosevelt by an insane man, John Schrank, in Milwaukee Oct. 14. The scene which followed, when the dangerously wounded ex-president appeared before an audience of 10,000 or more, announced that he had been shot and then went on to deliver his prepared speech was one of the most dramatic in the history of American politics.

While Mr. Roosevelt was recovering from his wound political contention practically ceased and only a few more speeches were made by the leaders before the close of the campaign. Mr. Roosevelt himself was able to appear in Madison Square Garden, New York, Oct. 30, where he received a remarkable ovation. On the following evening in the same hall Gov. Wilson was honored with a similar demonstration by his followers. The death of Vice-President James S. Sherman, candidate for re-election on the republican ticket, on the night of Oct. 30, also had a sobering effect on factional and party strife and the campaign ended in comparative quiet. It had not at any time been an especially noisy one, the publicity required by law to be given to political contributions and the consequent lack of large party funds having a tend-

ency to put a stop to large public parades and other spectacular features of other days.

CONFUSION IN STATES.

There was much confusion in many of the states regarding the status of the men on the electoral tickets, some of those chosen as republicans declaring that they would vote for Mr. Roosevelt. In most of the cases the matter was adjusted satisfactorily to both sides, but in California and South Dakota no Taft electors were allowed to go on the ballot. The placing of progressive state and local tickets in the field in opposition to the regular republican nominees indorsed at statewide primaries also caused ill feeling. Such was the case in Illinois, where the republican vote on governor was almost equally divided between Charles S. Deneen, republican, and Frank H. Funk, progressive, giving Edward F. Dunne, the democratic candidate, an easy victory.

The general result of the campaign, national and otherwise, may be gathered from the election returns given in detail for each state elsewhere in this volume. Woodrow Wilson was elected president and the democratic majority in the house of representatives was largely increased, while republican rule in the senate was probably ended. The number of democratic governors of states was also increased. The progressive party, though not electing its national candidates, polled a large aggregate vote and its leaders announced that the organization would be made permanent.

UNITED STATES POSTAL SAVINGS BANKS.

It was estimated by T. L. Weed, director of the United States postal savings system, that on Oct. 1, 1912, there were 290,000 depositors in the postal savings banks of the country and that the total amount on deposit then was \$25,000,000. The following table shows the balances to the credit of depositors May 31, 1912, by states:

Alabama	\$73,161	Missouri	333,334
Arizona	216,511	Montana	401,607
Arkansas	73,668	Nebraska	203,662
California	1,614,405	Nevada	279,229
Colorado	632,277	New Hampshire	123,868
Connecticut	191,683	New Jersey	322,843
Delaware	20,696	New Mexico	41,002
Dist. Columbia	104,526	New York	2,134,518
Florida	107,396	North Carolina	28,245
Georgia	38,369	North Dakota	26,627
Idaho	210,157	Ohio	1,768,545
Illinois	1,602,959	Oklahoma	175,406
Indiana	552,679	Oregon	745,593
Iowa	172,114	Pennsylvania	1,042,677
Kansas	422,616	Rhode Island	100,521
Kentucky	198,546	South Carolina	10,383
Louisiana	67,081	South Dakota	38,123
Maine	76,227	Tennessee	113,505
Maryland	50,495	Texas	305,545
Massachusetts	704,089	Utah	90,169
Michigan	561,405	Vermont	21,224
Minnesota	856,961	Virginia	96,629
Mississippi	52,237	Washington	843,361

West Virginia ..	47,400	Wyoming	74,243
Wisconsin	409,652	Total	18,880,309

Any person, 10 years of age or over, may open an account, in his or her own name, in any postal savings depositors, but no person can have more than one such account in his or her own right. Deposit accounts may be opened, first, by the deposit of \$1 or a larger amount in multiples thereof; second, by purchasing for 10 cents a postal savings card and attaching thereto 10 cent postal saving stamps and depositing the card and the stamps in the amount of \$1 or any multiple thereof. Additional deposits may be made in cash in amounts of \$1 or multiples thereof, or by card and 10 cent stamps in corresponding amounts, but no person is permitted to deposit more than \$100 in any calendar month, and the balance to the credit of any person can never exceed \$500.

Interest at the rate of 2 per cent per annum is allowed on all deposits, and any person may withdraw the whole or any part of his or her deposit, with accrued interest, upon demand and under such rules as the board of trustees prescribes.

Of the postal savings bank fund, 5 per cent is deposited as a reserve with the treasurer of the United States. The remaining funds are deposited in national or state banks at a rate of interest of not less than 3½ per cent.

The faith of the United States is pledged to the payment of any deposit made in postal savings bank depository offices.

AMERICAN ACADEMY OF ARTS AND LETTERS.

Founded in 1904.

President—William Dean Howells.
 Permanent Secretary—Robert Underwood Johnson,
 33 East 17th street, New York, N. Y.
 Members in department of literature:
 Charles Francis Adams. Abbott L. Lawrence.
 Henry Adams. Hamilton Wright Mabie.
 Henry M. Walton. Alfred T. Mahan.
 W. C. Brownell. John Burroughs.
 Nicholas Murray Butler. Brander Matthews.
 George W. Cable. John Muir.
 Horace Howard Furness. Thomas Nelson Page.
 Basil L. Gildersleeve. Elias Perry.
 Arthur Twining Hadley. James Ford Rhodes.
 William Dean Howells. James Whitcomb Riley.
 Henry James. Theodore Roosevelt.
 Robt. Underwood Johnson. William M. Sloane.
 Henry Cabot Lodge. F. Hopkinson Smith.
 Thomas R. Lounsbury. Henry Van Dyke.

Andrew Dickson White. George E. Woodberry.
 Woodrow Wilson.

Members in department of art:
 John W. Alexander. Daniel C. French.
 Paul W. Bartlett. Thomas Hastings.
 Edwin H. Blashfield. Wm. Rutherford Mead.
 George DeForest Brush. John S. Sargent.
 William M. Chase. Abbott Thayer.
 Kenyon Cox. Elihu Vedder.

Members in department of music:
 Horatio W. Parker. Geo. Whitfield Chadwick.

Membership in the academy is limited to fifty. Only those who belong to the National Institute of Arts and Letters are eligible, and they are elected by that body.

THE PRESIDENT'S MESSAGE (NO. 1).

To the Senate and House of Representatives: The foreign relations of the United States actually and potentially affect the state of the union to a degree not widely realized and hardly surpassed by any other factor in the welfare of the whole nation. The position of the United States in the moral, intellectual and material relations of the family of nations should be a matter of vital interest to every patriotic citizen. The national prosperity and power impose upon us duties which we cannot shirk if we are to be true to our ideals. The tremendous growth of the export trade of the United States has already made that trade a very real factor in the industrial and commercial prosperity of the country. With the development of our industries the foreign commerce of the United States must rapidly become a still more essential factor in its economic welfare.

Whether we have a farseeing and wise diplomacy and are not recklessly plunged into unnecessary wars, and whether our foreign policies are based upon an intelligent grasp of present day world conditions and a clear view of the potentialities of the future, or are governed by a temporary and timid expediency or by narrow views befitting an infant nation, are questions the alternative consideration of which must convince any thoughtful citizen that no department of national policy offers greater opportunity for promoting the interests of the whole people on the one hand or greater chance on the other of permanent national injury than that which deals with the foreign relations of the United States.

The fundamental foreign policies of the United States should be raised high above the conflict of partisanship and wholly dissociated from differences as to domestic policy. In its foreign affairs the United States should present to the world a united front. The intellectual, financial and industrial interests of the country and the publicist, the wage earner, the farmer and citizen of whatever occupation must co-operate in a spirit of high patriotism to promote that national solidarity which is indispensable to national efficiency and to the attainment of national ideals.

The relations of the United States with all foreign powers remain upon a sound basis of peace, harmony and friendship. A greater insistence upon justice to American citizens or interests wherever it may have been denied and a stronger emphasis of the need of mutuality in commercial and other relations have only served to strengthen our friendships with foreign countries by placing those friendships upon a firm foundation of realities as well as aspirations.

Before briefly reviewing the more important events of the last year in our foreign relations, which it is my duty to do as charged with their conduct and because diplomatic affairs are not of a nature to make it appropriate that the secretary of state make a formal annual report, I desire to touch upon some of the essentials to the safe management of the foreign relations of the United States and to endeavor, also, to define clearly certain concrete policies which are the logical modern corollaries of the undisputed and traditional fundamentals of the foreign policy of the United States.

STATE DEPARTMENT CHANGED.

At the beginning of the present administration the United States, having fully entered upon its position as a world power, with the responsibilities thrust upon it by the results of the Spanish-American war, and already engaged in laying the groundwork of a vast foreign trade upon which it should one day become more and more dependent, found itself without the machinery for giving thorough attention to and taking effective action upon a mass of intricate business vital to American interests in every country in the world.

The department of state was an archaic and inadequate machine lacking most of the attributes of the foreign office of any great modern power. With an appropriation made upon my recommendation by the congress on Aug. 5, 1909,

the department of state was completely reorganized. There were created divisions of Latin-American affairs and of far eastern, near eastern and western European affairs. To these divisions were called from the foreign service diplomatic and consular officers possessing experience and knowledge gained by actual service in different parts of the world, and thus familiar with political and commercial conditions in the regions concerned. The work was highly specialized. The result is that where previously this government from time to time would emphasize in its foreign relations one or another policy, now American interests in every quarter of the globe are being cultivated with equal assiduity. This principle of politico-geographical division possesses also the good features of making possible rotation between the officers of the departmental, the diplomatic and the consular branches of the foreign service, and thus keeps the whole diplomatic and consular establishments under the department of state in close touch and equally inspired with the aims and policy of the government.

Through the newly created division of information the foreign service is kept fully informed of what transpires from day to day in the international relations of the country, and contemporary foreign comment affecting American interests is promptly brought to the attention of the department. The law offices of the department were greatly strengthened. There were added foreign trade advisers to co-operate with the diplomatic and consular bureaus and the politico-geographical divisions in the innumerable matters where commercial diplomacy or consular work calls for such special knowledge. The same officers, together with the rest of the new organization, are able at all times to give to American citizens accurate information as to conditions in foreign countries with which they have business and likewise to co-operate more effectively with the congress and also with the other executive departments.

EXPERT KNOWLEDGE NEEDED.

Expert knowledge and professional training must evidently be the essence of this reorganization. Without a trained foreign service there would not be men available for the work in the reorganized department of state. President Cleveland had taken the first step toward introducing the merit system in the foreign service. That had been followed by the application of the merit principle, with excellent results, to the entire consular branch. Almost nothing, however, had been done in this direction with regard to the diplomatic service. In this age on commercial diplomacy it was evidently of the first importance to train an adequate personnel in that branch of the service. Therefore, on Nov. 26, 1909, by an executive order I placed the diplomatic service up to the grade of secretary of embassy, inclusive, upon exactly the same strict nonpartisan basis of the merit system, rigid examination for appointment and promotion only for efficiency, as had been maintained without exception in the consular service.

How faithful to the merit system and how nonpartisan has been the conduct of the diplomatic and consular services in the last four years may be judged from the following: Four ambassadors now serving held their present rank at the beginning of my administration. Of the ten ambassadors whom I have appointed, five were by promotion from the rank of minister. Nine ministers now serving held their present rank at the beginning of the administration. Of the thirty ministers whom I have appointed, eleven were promoted from the lower grades of the foreign service or from the department of state. Of the nineteen missions in Latin America, where our relations are close and our interest is great, fifteen chiefs of mission are service men, three having entered the service during this administration.

The thirty-seven secretaries of embassy or legation who have received their initial appointments after passing successfully the required examination

were chosen for ascertained fitness, without regard to political affiliations. A dearth of candidates from southern and western states has alone made it impossible thus far completely to equalize all the states' representations in the foreign service. In the effort to equalize the representation in the various states in the consular service I have made sixteen of the twenty-nine new appointments as consul which have occurred during my administration from the southern states. This is 55 per cent. Every other consular appointment made, including the promotion of eleven young men from the consular assistant and student interpreter corps, has been by promotion or transfer, based solely upon efficiency shown in the service.

In order to assure to the business and other interests of the United States a continuance of the resulting benefits of this reform, I earnestly renew my previous recommendations of legislation making it permanent along some such lines as those of the measure now pending in congress.

HOMEES FOR EMBASSIES NEEDED.

In connection with legislation for the amelioration of the foreign service, I wish to invite attention to the advisability of placing the salary appropriations upon a better basis. I believe that the best results would be obtained by a moderate scale of salaries, with adequate funds for the expenses of proper representation, based in each case upon the scale and cost of living at each post, controlled by a system of accounting and under the general direction of the department of state.

In line with the object which I have sought of placing our foreign service on a basis of permanency, I have at various times advocated provision by congress for the acquisition of government owned buildings for the residence and offices of our diplomatic officers, so as to place them more nearly on an equality with similar officers of other nations and to do away with the discrimination which otherwise must necessarily be made. In some cases, in favor of men having large private fortunes. The act of congress which I approved on Feb. 17, 1911, was the right step in this direction. The secretary of state has already made the limited recommendations permitted by the act for any one year, and it is my hope that the bill introduced in the house of representatives to carry out these recommendations will be favorably acted on by the congress during its present session.

In some Latin-American countries the expense of government owned legations will be less than elsewhere, and it is certainly very urgent that in such countries as some of the republics of Central America and the Caribbean, where it is peculiarly difficult to rent suitable quarters, the representatives of the United States should be justly and adequately provided with dignified and suitable official residences. Indeed, it is high time that the dignity and power of this great nation should be fittingly signaled by proper buildings for the occupancy of the nation's representatives everywhere abroad.

The diplomacy of the present administration has sought to respond to modern ideas of commercial intercourse. This policy has been characterized as substituting dollars for bullets. It is one that appeals alike to idealistic humanitarian sentiments, to the dictates of sound policy and strategy and to legitimate commercial aims. It is an effort frankly directed to the increase of American trade upon the axiomatic principle that the government of the United States shall extend all proper support to every legitimate and beneficial American enterprise abroad.

How great have been the results of this diplomacy, coupled with the maximum and minimum provision of the tariff law, will be seen by some consideration of the wonderful increase in the export trade of the United States. Because modern diplomacy is commercial there has been a disposition in some quarters to attribute to it none but materialistic aims. How strikingly erroneous is such an impression may be seen from a study of the results by which the diplomacy of the United States can be judged.

AMERICA AS PEACEMAKER.

In the field of work toward the ideals of peace this government negotiated, but to my regret was unable to consummate, two arbitration treaties which set the highest mark of the aspiration of nations toward the substitution of arbitration and reason for war in the settlement of international disputes. Through the efforts of American diplomacy several wars have been prevented or ended. I refer to the successful tripartite mediation of the Argentine Republic, Brazil and the United States between Peru and Ecuador; the bringing of the boundary dispute between Panama and Costa Rica to peaceful arbitration; the staying of warlike preparations when Haiti and the Dominican republic were on the verge of hostilities; the stopping of a war in Nicaragua; the halting of internecine strife in Honduras. The government of the United States was thanked for its influence toward the restoration of amicable relations between the Argentine Republic and Bolivia. The diplomacy of the United States is active in seeking to assuage the remaining ill feeling between this country and the republic of Colombia. In the recent civil war in China the United States successfully joined with the other interested powers in urging an early cessation of hostilities.

An agreement has been reached between the governments of Chile and Peru whereby the celebrated Tacna-Arica dispute, which has so long embittered international relations on the west coast of South America, has at last been adjusted. Simultaneously came the news that the boundary dispute between Peru and Ecuador had entered upon a stage of amicable settlement. The position of the United States in reference to the Tacna-Arica dispute between Chile and Peru has been one of nonintervention, but one of friendly influence and pacific counsel throughout the period during which the dispute in question has been the subject of interchange of views between this government and the two governments immediately concerned. In the general easing of international tension on the west coast of South America the tripartite mediation, to which I have referred, has been a most potent and beneficent factor.

NEW LIFE FOR "OPEN DOOR" PLAN.

In China the policy of encouraging financial investment to enable that country to help itself has had the result of giving new life and practical application to the open door policy. The consistent purpose of the present administration has been to encourage the use of American capital in the development of China by the promotion of those essential reforms to which China is pledged by treaties with the United States and other powers. The hypothecation to foreign bankers in connection with certain industrial enterprises, such as the Hukuang railways, of the national revenues upon which these reforms depended, led the department of state early in the administration to demand for American citizens participation in such enterprises, in order that the United States might have equal rights and an equal voice in all questions pertaining to the disposition of the public revenues concerned.

The same policy of promoting international accord among the powers having similar treaty rights as ourselves in the matters of reform, which could not be put into practical effect without the common consent of all, was likewise adopted in the case of the loan desired by China for the reform of its currency. The principle of international co-operation in matters of common interest upon which our policy had already been based in all of the above instances has admittedly been a great factor in that concert of the powers which has been so happily conspicuous during the perilous period of transition through which the great Chinese nation has been passing.

CENTRAL AMERICA NEEDS HELP.

In Central America the aim has been to help such countries as Nicaragua and Honduras to help themselves. They are the immediate beneficiaries. The national benefit to the United States is two-

fold. First, it is obvious that the Monroe doctrine is more vital in the neighborhood of the Panama canal and the zone of the Caribbean than anywhere else. There, too, the maintenance of that doctrine falls most heavily upon the United States. It is, therefore, essential that the countries within that sphere shall be removed from the jeopardy involved by heavy foreign debt and chaotic national finances and from the ever present danger of international complications due to disorder at home. Hence the United States has been glad to encourage and support American bankers who were willing to lend a helping hand to the financial rehabilitation of such countries because this financial rehabilitation and the protection of their custom houses from being the prey of would be dictators would remove at one stroke the menace of foreign creditors and the menace of revolutionary disorder.

The second advantage to the United States is one affecting chiefly all the southern and gulf ports and the business and industry of the south. The republics of Central America and the Caribbean possess great natural wealth. They need only measure of stability and the means of financial regeneration to enter upon an era of peace and prosperity, bringing profit and happiness to themselves and at the same time creating conditions sure to lead to a flourishing interchange of trade with this country.

I wish to call your special attention to the recent occurrences in Nicaragua, for I believe the terrible events recorded there during the revolution of the last summer—the needless loss of life, the devastation of property, the bombardment of defenseless cities, the killing and wounding of women and children, the torturing of noncombatants to exact contributions, and the suffering of thousands of human beings—might have been averted had the department of state, through approval of the loan convention by the senate, been permitted to carry out its now well developed policy of encouraging the extending of financial aid to weak Central American states, with the primary objects of avoiding just such revolutions by assisting those republics to rehabilitate their finances, to establish their currency on a stable basis, to remove the custom houses from the danger of revolutions by arranging for their secure administration and to establish reliable banks.

During this last revolution in Nicaragua, the government of that republic having admitted its inability to protect American life and property against acts of sheer lawlessness on the part of the malcontents, and having requested this government to assume that office, it became necessary to land over 2,000 marines and bluejackets in Nicaragua. Owing to their presence the constituted government of Nicaragua was free to devote its attention wholly to its internal troubles and was thus enabled to stamp out the rebellion in a short space of time. When the Red Cross supplies sent to Granada have been exhausted, 8,000 persons having been given food in one day upon the arrival of the American forces, our men supplied other unfortunates, needy Nicaraguans, from their own haversacks.

I wish to congratulate the officers and men of the United States navy and marine corps who took part in re-establishing order in Nicaragua upon their splendid conduct, and to record with sorrow the death of seven American marines and bluejackets. Since the re-establishment of peace and order elections have been held amid conditions of quiet and tranquillity. Nearly all the American marines have now been withdrawn. The country should soon be on the road to recovery.

The only apparent danger now threatening Nicaragua arises from the shortage of funds. Although American bankers have already rendered assistance, they may naturally be loath to advance a loan adequate to set the country upon its feet without the support of some such convention as that of June, 1911, upon which the senate has not yet acted.

NEUTRALITY IS ENFORCED.

In the general effort to contribute to the enjoyment of peace by those republics which are near neighbors of the United States, the administra-

tion has enforced the so-called neutrality statutes with a new vigor, and those statutes were greatly strengthened in restricting the exportation of arms and munitions by the joint resolution of last March. It is still a regrettable fact that certain American ports are made the rendezvous of professional revolutionists and others engaged in intrigue against the peace of those republics.

It must be admitted that occasionally a revolution in this region is justified as a real popular movement to throw off the shackles of a vicious and tyrannical government. Such was the Nicaraguan revolution against the Zelaya regime. A nation enjoying our liberal institutions cannot escape sympathy with a true popular movement, and one so well justified. In very many cases, however, revolutions in the republics in question have no basis in principle, but are due merely to the machinations of conscienceless and ambitious men, and have no effect but to bring new suffering and fresh burdens to an already oppressed people. The question whether the use of American ports as foci of revolutionary intrigue can be dealt with by a further amendment to the neutrality statutes or whether it would be safer to deal with special cases by special laws is one worthy of the careful consideration of the congress.

Impressed with the particular importance of the relations between the United States and the republics of Central America and the Caribbean region, which of necessity must become still more intimate by reason of the mutual advantages which will be presented by the opening of the Panama canal, I directed the secretary of state last February to visit these republics for the purpose of giving evidence of the sincere friendship and good will which the government and people of the United States bear toward them. Ten republics were visited. Everywhere he was received with a cordiality of welcome and a generosity of hospitality such as to impress me deeply and to merit our warmest thanks. The appreciation of the governments and peoples of the countries visited, which has been appropriately shown in various ways, leaves me no doubt that his visit will conduce to that closer union and better understanding between the United States and those republics which I have had it much at heart to promote.

MEXICO LAND OF TROUBLE.

For two years revolution and counter revolution have distraught the neighboring republic of Mexico. Brigandage has involved a great deal of depredation upon foreign interests. There have constantly recurred questions of extreme delicacy. On several occasions very difficult situations have arisen on our frontier. Throughout this trying period the policy of the United States has been one of patient nonintervention steadfast recognition of constituted authority in the neighboring nation and the exertion of every effort to care for American interests. I profoundly hope that the Mexican nation may soon resume the path of order, prosperity and progress. To that nation in its sore troubles the sympathetic friendship of the United States has been demonstrated to a high degree.

There were in Mexico at the beginning of the revolution some thirty or forty thousand American citizens engaged in enterprises contributing greatly to the prosperity of the republic and also benefiting the important trade between the two countries. The investment of American capital in Mexico has been estimated at \$1,000,000,000. The responsibility of endeavoring to safeguard those interests and the dangers inseparable from proximity to so turbulent a situation have been great, but I am happy to have been able to adhere to the policy above outlined—a policy which I hope may be soon justified by the complete success of the Mexican people in regaining the blessings of peace and good order.

AGRICULTURE IS LAGGING.

A most important work accomplished in the last year by the American diplomatic officers in Europe is the investigation of the agricultural credit system in the European countries. Both as a means

to afford relief to the consumers of this country through a more thorough development of agricultural resources and as a means of more sufficiently maintaining the agricultural population the project to establish credit facilities for the farmers is a concern of vital importance to this nation.

No evidence of prosperity among well established farmers should blind us to the fact that lack of capital is preventing a development of the nation's agricultural resources and an adequate increase of the land under cultivation; that agricultural production is fast falling behind the increase in population, and that, in fact, although these well established farmers are maintained in increasing prosperity because of the natural increase in population, we are not developing the industry of agriculture. We are not breeding in proportionate numbers a race of independent and independence loving landowners, for a lack of which no growth of cities can compensate. Our farmers have been our mainstay in times of crisis, and in future it must still largely be upon their stability and common sense that this democracy must rely to conserve its principles of self-government.

The need of capital which American farmers feel to-day had been experienced by the farmers of Europe, with their centuries old farms, many years ago. The problem had been successfully solved in the old world, and it was evident that the farmers of this country might profit by a study of their systems. I therefore ordered, through the department of state, an investigation to be made by the diplomatic officers in Europe, and I have laid the results of this investigation before the governors of the various states with the hope that they will be used to advantage in their forthcoming meeting.

EXPORT RECORD IS SET.

In my last annual message I said that the fiscal year ended June 30, 1911, was noteworthy as marking the highest record of exports of American products to foreign countries. The fiscal year 1912 shows that this rate of advance has been maintained, the total domestic exports having a valuation approximately of \$2,200,000,000, as compared with a fraction over \$2,000,000,000 the previous year. It is also significant that manufactured and partly manufactured articles continue to be the chief commodities forming the volume of our augmented exports, the demands of our own people for consumption requiring that an increasing proportion of our abundant agricultural products be kept at home. In the fiscal year 1911 the exports of articles in the various stage of manufacture, not including food-stuffs partly or wholly manufactured, amounted approximately to \$907,500,000. In the fiscal year 1912 the total was nearly \$1,022,000,000, a gain of \$114,500,000.

The importance which our manufactures have assumed in the commerce of the world in competition with the manufactures of other countries again draws attention to the duty of this government to use its utmost endeavors to secure impartial treatment for American products in all markets. Healthy commercial rivalry in international intercourse is best assured by the possession of proper means for protecting and promoting our foreign trade.

It is natural that competitive countries should view with some concern this steady expansion of our commerce. If in some instances the measures taken by them to meet it are not entirely equitable, a remedy should be found. In former messages I have described the negotiations of the department of state with foreign governments for the adjustment of the maximum and minimum tariff as provided in section 2 of the tariff law of 1909. The advantages secured by the adjustment of our trade relations under this law have continued during the last year, and some additional cases of discriminatory treatment of which we had reason to complain have been removed. The department of state has for the first time in the history of this country obtained substantial most-favored-nation treatment from all the countries of the world. There are, however, other instances which, while apparently not constitut-

ing undue discrimination in the sense of section 2, are nevertheless exceptions to the complete equity of tariff treatment for American products that the department of state consistently has sought to obtain for American commerce abroad.

ADVOCATES GRADUATED DUTIES.

These developments confirm the opinion conveyed to you in my annual message of 1911, that while the maximum and minimum provision of the tariff law of 1909 has been fully justified by the success achieved in removing previously existing undue discriminations against American products, yet experience has shown that this feature of the law should be amended in such way as to provide a fully effective means of meeting the varying degrees of discriminatory treatment of American commerce in foreign countries still encountered, as well as to protect against the injurious treatment on the part of foreign governments, through either legislative or administrative measures, the financial interests abroad of American citizens whose enterprises enlarge the market for American commodities.

I cannot too strongly recommend to the congress the passage of some such enabling measure as the bill which was recommended by the secretary of state in his letter of Dec. 13, 1911. The object of the proposed legislation is, in brief, to enable the executive to apply, as the case may require, to any or all commodities, whether or not on the free list, from a country which discriminates against the United States, a graduated scale of duties up to the maximum of 25 per cent ad valorem provided in the present law.

Flat tariffs are out of date. Nations no longer accord equal tariff treatment to all other nations irrespective of the treatment from them received. Such a flexible power at the command of the executive would serve to moderate any unfavorable tendencies on the part of those countries from which the importations into the United States are substantially confined to articles on the free list as well as of the countries which find a lucrative market in the United States for their products under existing customs rates. It is very necessary that the American government be equipped with weapons of negotiation adapted to modern economic conditions, in order that we may at all times be in a position to gain not only technically just but actually equitable treatment for our trade, and also for American enterprise and vested interests abroad.

BUSINESS WON FOR AMERICA.

As illustrating the commercial benefits to the nation derived from the new diplomacy and its effectiveness upon the material as well as the more ideal side, it may be remarked that through direct official efforts alone there have been obtained in the course of this administration contracts from foreign governments involving an expenditure of \$50,000,000 in the factories of the United States. Consideration of this fact and some reflection upon the necessary effects of a selected tariff system and a foreign service alert and equipped to co-operate with the business men of America carry the conviction that the gratifying increase in the export trade of this country is, in substantial amount, due to our improved governmental methods of protecting and stimulating it.

It is germane to these observations to remark that in the two years that have elapsed since the successful negotiation of our new treaty with Japan, which at the time seemed to present so many practical difficulties, our export trade to that country has increased at the rate of over \$1,000,000 a month. Our exports to Japan for the year ended June 30, 1910, were \$21,359,310, while for the year ended June 30, 1912, the exports were \$53,478,046, a net increase in the sale of American products of nearly 150 per cent.

Under the special agreement entered into between the United States and Great Britain on Aug. 18, 1910, for the arbitration of outstanding pecuniary claims, a schedule of claims and the terms of submission have been agreed upon by the two governments, and together with the special agreement were approved by the senate on July

19, 1911, but in accordance with the terms of the agreement they did not go into effect until confirmed by the two governments by an exchange of notes, which was done on April 26 last.

Negotiations are still in progress for the supplemental schedule of claims to be submitted to arbitration under this agreement and meanwhile the necessary preparations for the arbitration of the claims included in the first schedule have been undertaken and are being carried on under the authority of an appropriation made for that purpose at the last session of congress. It is anticipated that the two governments will be prepared to call upon the arbitration tribunal, established under this agreement, to meet at Washington early next year to proceed with this arbitration.

QUESTION AS TO SEAL TREATY.

The act adopted at the last session of congress to give effect to the fur seal convention of July 7, 1911, between Great Britain, Japan, Russia and the United States provided for the suspension of all land killing of seals on the Pribiloff islands for a period of five years, and an objection has now been presented to this provision by the other parties in interest, which raises the issue as to whether or not this prohibition of land killing is inconsistent with the spirit, if not the letter, of the treaty stipulations.

The justification for establishing this close season depends, under the terms of the convention, upon how far, if at all, it is necessary for protecting and preserving its number. This is a question requiring examination of the present condition of the herd and the treatment which it needs in the light of actual experience and scientific investigation. A careful examination of the subject is now being made, and this government will soon be in possession of a considerable amount of new information about the American seal herd, which has been secured during the last season and will be of great value in determining this question; and if it should appear that there is any uncertainty as to the real necessity for imposing a close season at this time I shall take an early opportunity to address a special message to congress on this subject, in the belief that this government should yield on this point rather than give the slightest ground for the charge that we have been in any way remiss in observing our treaty obligations.

On the 20th of July last an agreement was concluded between the United States and Great Britain, adopting, with certain modifications, the rules and method of procedure recommended in the award rendered by the North Atlantic coast fisheries arbitration tribunal on Sept. 7, 1910, for the settlement hereafter, in accordance with the principles laid down in the award, of questions arising with reference to the exercise of the American fishing liberties under article I of the treaty of Oct. 20, 1818, between the United States and Great Britain. This agreement received the approval of the senate on Aug. 1 and was formally ratified by the two governments on Nov. 15 last. The rules and a method of procedure embodied in the award provided for determining by an impartial tribunal the reasonableness of any new fishery regulations on the treaty coasts of Newfoundland and Canada before such regulations could be enforced against American fishermen exercising their treaty liberties on those coasts, and also for determining the delimitation of bays on such coasts more than ten miles wide, in accordance with the definition adopted by the tribunal of the meaning of the word "bays" as used in the treaty.

In the subsequent negotiations between the two governments, undertaken for the purpose of giving practical effect to these rules and methods of procedure, it was found that certain modifications therein were desirable from the point of view of both governments, and these negotiations have finally resulted in the agreement above mentioned by which the award recommendations as modified by mutual consent of the two governments are finally adopted and made effective, thus bringing this century old controversy to a final conclusion,

which is equally beneficial and satisfactory to both governments.

IMPERIAL VALLEY QUESTION.

In order to make possible the more effective performance of the work necessary for the confinement in their present channel of the waters of the lower Colorado river, and thus to protect the people of the Imperial valley, as well as in order to reach with the government of Mexico an understanding regarding the distribution of the waters of the Colorado river, in which both governments are much interested, negotiations are going forward with a view to the establishment of a preliminary Colorado river commission, which shall have the powers necessary to enable it to do the needful work and with authority to study the question of the equitable distribution of the waters. There is every reason to believe that an understanding upon this point will be reached and that an agreement will be signed in the near future.

In the interest of the people and city of El Paso this government has been assiduous in its efforts to bring to an early settlement the long standing Chamizal dispute with Mexico. Much has been accomplished, and, while the final solution of the dispute is not immediate, the favorable attitude lately assumed by the Mexican government encourages the hope that this troublesome question will be satisfactorily and definitely settled at an early day.

In pursuance of the convention of Aug. 23, 1906, signed at the third pan-American conference, held at Rio de Janeiro, the international commission of jurists met at that capital during the month of June. At this meeting sixteen American republics were represented, including the United States, and comprehensive plans for the future work of the commission were adopted. At the next meeting, fixed for June, 1914, committees already appointed are instructed to report regarding topics assigned to them.

OPIMUM CONFERENCE REVIEWED.

In my message on foreign relations communicated to the two houses of congress Dec. 7, 1911, I called especial attention to the assembling of the opium conference at The Hague, to the fact that that conference was to review all pertinent municipal laws relating to the opium and allied evils, and certainly all international rules regarding these evils, and to the fact that it seemed to me most essential that the congress should take immediate action on the antinarcotic legislation before the congress, to which I had previously called attention by a special message.

The international convention adopted by the conference conforms almost entirely to the principles contained in the proposed antinarcotic legislation which has been before the last two congresses. It was most unfortunate that this congress, having taken the initiative in the international action which eventuated in the important international opium convention, failed to do its share in the great work by neglecting to pass the necessary legislation to correct the deplorable narcotic evil in the United States as well as to redeem international pledges upon which it entered by virtue of the above mentioned convention. The congress at its present session should enact into law those bills now before it which have been so carefully drawn up in collaboration between the department of state and the other executive departments, and which have behind them not only the moral sentiment of the country but the practical support of all the legitimate trade interests likely to be affected. Since the international convention was signed adherence to it has been made by several European states not represented at the conference at The Hague and also by seventeen Latin-American republics.

KEEPS OUT OF BALKAN WAR.

The war between Italy and Turkey came to a close in October last by the signature of a treaty of peace, subsequently to which the Ottoman empire renounced sovereignty over Cyrenaica and Tripolitania in favor of Italy. During the last

year the near east has unfortunately been the theater of constant hostilities. Almost simultaneously with the conclusion of peace between Italy and Turkey and their arrival at an adjustment of the complex questions at issue between them, war broke out between Turkey on the one hand and Bulgaria, Greece, Montenegro and Serbia on the other.

The United States has happily been involved neither directly nor indirectly with the causes or questions incident to any of these hostilities and has maintained in regard to them an attitude of absolute neutrality and of complete political disinterestedness. In the second war in which the Ottoman empire has been engaged the loss of life and the consequent distress on both sides have been appalling, and the United States has found occasion, in the interest of humanity, to carry out the charitable desires of the American people, to extend a measure of relief to the sufferers on either side through the impartial medium of the Red Cross.

Beyond this the chief care of the government of the United States has been to make due provision for the protection of its nationals resident in belligerent territory. In the exercise of my duty in this matter I have dispatched to Turkish waters a special service squadron consisting of two armored cruisers, in order that this government may, if need be, bear its part in such measures as may be necessary for the interested nations to adopt for the safeguarding of foreign lives and property in the Ottoman empire in the event that a dangerous situation should develop. In the meanwhile the several interested European powers have promised to extend to American citizens the benefit of such precautionary or protective measures as they might adopt, in the same manner in which it has been the practice of this government to extend its protection to foreigners resident in those countries of the western hemisphere in which it has from time to time been the task of the United States to act in the interest of peace and good order.

The early appearance of a large fleet of European warships in the Bosphorus apparently assured the protection of foreigners in that quarter, where the presence of the American stationnaire, the U. S. S. Scorpion, sufficed, under the circumstances, to represent the United States. Our cruisers were thus left free to act if need be along the Mediterranean coast should any unexpected contingency arise affecting the numerous American interests in the neighborhood of Smyrna and Beirut.

The great preponderance of American material interests in the subarctic island of Spitzbergen, which has always been regarded politically as "no man's land," impels this government to a continued and lively interest in the international dispositions to be made for the political governance and administration of that region. The conflict of certain claims of American citizens and others is in a fair way to adjustment, while the settlement of matters of administration, whether by international conference of the interested powers or otherwise, continues to be the subject of exchange of views between the governments concerned.

LIBERIAN FINANCES BETTER.

As a result of the efforts of this government to place the government of Liberia in position to pay its outstanding indebtedness and to maintain a stable and efficient government, negotiations for a loan of \$1,700,000 have been successfully concluded, and it is anticipated that the payment of the old loan and the issuance of the bonds of the 1912 loan for the rehabilitation of the finances of Liberia will follow at an early date, when the new receivership will go into active operation. The new receivership will consist of a general receiver of customs designated by the government of the United States and three receivers of customs designated by the governments of Germany, France and Great Britain, which countries have commercial interests in the republic of Liberia.

In carrying out the understanding between the government of Liberia and that of the United

States, and in fulfilling the terms of the agreement between the former government and the American bankers, three competent ex-army officers are now effectively employed by the Liberian government in reorganizing the police force of the republic, not only to keep in order the native tribes in the hinterland but to serve as a necessary police force along the frontier. It is hoped that these measures will assure not only the continued existence but the prosperity and welfare of the republic of Liberia.

Liberia possesses fertility of soil and natural resources which should insure to its people a reasonable prosperity. It was the duty of the United States to assist the republic of Liberia in accordance with our historical interest and moral guardianship of a community founded by American citizens, as it was also the duty of the American government to attempt to assure permanence to a country of much sentimental and perhaps future real interest to a large body of our citizens.

The legation at Tangier is now in charge of our consul-general, who is acting as charge d'affaires, as well as caring for our commercial interests in that country. In view of the fact that many of the foreign powers are now represented by charges d'affaires, it has not been deemed necessary to appoint at the present time a minister to fill a vacancy occurring in that post.

SYMPATHY WITH NEW CHINA.

The political disturbances in China in the autumn and winter of 1911-12 resulted in the abdication of the Manchur rulers on Feb. 12, followed by the formation of a provisional republican government empowered to conduct the affairs of the nation until a permanent government might be regularly established. The natural sympathy of the American people with the assumption of republican principles by the Chinese people was appropriately expressed in a concurrent resolution of congress on April 17, 1912. A constituent assembly, composed of representatives duly chosen by the people of China in the elections that are now being held, has been called to meet in January next to adopt a permanent constitution and organize the government of the nascent republic. During the formative constitutional stage and pending definite action by the assembly, as expressive of the popular will, and the hoped-for establishment of a stable republican form of government, capable of fulfilling its international obligations, the United States is, according to precedent, maintaining full and friendly de facto relations with the provisional government.

The new condition of affairs thus created has presented many serious and complicated problems, both of internal rehabilitation and of international relations, whose solution it was realized would necessarily require much time and patience. From the beginning of the upheaval last autumn it was felt by the United States, in common with the other powers having large interests in China, that independent action by the foreign governments in their own individual interests would add further confusion to a situation already complicated. A policy of international co-operation was accordingly adopted in an understanding, reached early in the disturbances, to act together for the protection of the lives and property of foreigners if menaced, to maintain an attitude of strict impartiality as between the contending factions and to abstain from any endeavor to influence the Chinese in their organization of a new form of government.

In view of the seriousness of the disturbances and their general character, the American minister at Peking was instructed in his discretion to advise our nationals in the affected districts to concentrate at such centers as were easily accessible to foreign troops or men-of-war. Nineteen of our naval vessels were stationed at various Chinese ports, and other measures were promptly taken for the adequate protection of American interests.

It was further mutually agreed, in the hope of hastening an end to hostilities, that none of the interested powers would approve the making of

loans by its nationals to either side. As soon, however, as a united provisional government of China was assured, the United States joined in a favorable consideration of that government's request for advances needed for immediate administrative necessities and later for a loan to effect a permanent national reorganization. The interested governments had already, by common consent, adopted, in respect to the purposes, expenditure and security of any loans to China made by their nationals, certain conditions which were held to be essential, not only to secure reasonable protection for the foreign investors, but also to safeguard and strengthen China's credit by discouraging indiscriminate borrowing and by insuring the application of the funds toward the establishment of the stable and effective government necessary to China's welfare. In June last representative banking groups of the United States, France, Germany, Great Britain, Japan and Russia formulated, with the general sanction of their respective governments, the guaranties that would be expected in relation to the expenditure and security of the large reorganization loan desired by China, which, however, have thus far proved unacceptable to the provisional government.

In August last I accredited the secretary of state as special ambassador to Japan, charged with the mission of healing to the imperial family, the government and the people of that empire the sympathetic message of the American commonwealth on the sad occasion of the death of his majesty the Emperor Mutsuhito, whose long and benevolent reign was the greater part of Japan's modern history. The kindly reception everywhere accorded to Secretary Knox showed that his mission was deeply appreciated by the Japanese nation and emphasized strongly the friendly relations that have for so many years existed between the two peoples.

SOUTH AMERICAN STATUS.

Our relations with the Argentine Republic are most friendly and cordial. So also, are our relations with Brazil, whose government has accepted the invitation of the United States to send two army officers to study at the coast artillery school at Fort Monroe.

The long standing Alsop claim, which had been the only hindrance to the healthy growth of the most friendly relations between the United States and Chile, having been eliminated through the submission of the question to his Britannic majesty King George V., as "amiable compositure," it is a cause of much gratification to me that our relations with Chile are now established upon a firm basis of growing friendship. The Chilean government has placed an officer of the United States coast artillery in charge of the Chilean coast artillery school and has shown appreciation of American methods by confiding to an American firm important work for the Chilean coast defenses.

Last year a revolution against the established government of Ecuador broke out at the principal port of that republic. Previous to this occurrence the chief American interest in Ecuador, represented by the Guayaquil & Quito Railway company, incorporated in the United States, had rendered extensive transportation and other services on account to the Ecuadorian government, the amount of which ran into a sum which was steadily increasing and which the Ecuadorian government had made no provision to pay, thereby threatening to crush out the very existence of this American enterprise. When tranquility had been restored to Ecuador as a result of the triumphant progress of the government forces from Quito, this government interposed its good offices to the end that the American interests in Ecuador might be saved from complete extinction. As a part of this arrangement which was reached between the parties, and at the request of the government of Ecuador, I have consented to name an arbitrator, who, acting under the terms of the railway contract with an arbitrator named by the Ecuadorian government, will pass upon the claims that have arisen since the arrangement reached through the action of a similar arbitral tribunal in 1908.

In pursuance of a request made some time ago by the Ecuadorian government, the department of state has given much attention to the problem of the proper sanitation of Guayaquil. As a result a detail of officers of the canal zone will be sent to Guayaquil to recommend measures that will lead to the complete permanent sanitation of this plague and fever infected region of that republic, which has for so long constituted a menace to health conditions on the canal zone. It is hoped that the report which this mission will furnish will point out a way whereby the modicum of assistance which the United States may properly lend the Ecuadorian government may be made effective in ridding the west coast of South America of a focus of contagion to the future commercial current passing through the Panama canal.

In the matter of the claim of John Celestine Landreau against the government of Peru, which claim arises out of certain contracts and transactions in connection with the discovery and exploitation of guano, and which has been under discussion between the two governments since 1874, I am glad to report that as the result of prolonged negotiations, which have been characterized by the utmost friendliness and good will on both sides, the department of state has succeeded in securing the consent of Peru to the arbitration of the claim, and that the negotiations attending the drafting and signature of a protocol submitting the claim to an arbitral tribunal are proceeding with due celerity.

An officer of the American public health service and an American sanitary engineer are now on the way to Iquitos, in the employ of the Peruvian government, to take charge of the sanitation of that river port. Peru is building a number of submarines in this country and continues to show every desire to have American capital invested in the republic.

In July the United States sent undergraduate delegates to the third international students' congress held at Lima, American students having been for the first time invited to one of these meetings.

The republic of Uruguay has shown its appreciation of American agricultural and other methods by sending a large commission to this country and by employing many American experts to assist in building up agricultural and allied industries in Uruguay.

Venezuela is paying off the last of the claims the settlement of which was provided for by the Washington protocols, including those of American citizens. Our relations with Venezuela are most cordial, and the trade of that republic with the United States is now greater than with any other country.

SAN DOMINGO NEAR CHAOS.

During the last summer the revolution against the administration which followed the assassination of President Caceres a year ago last November brought the Dominican republic to the verge of administrative chaos, without offering any guaranties of eventual stability in the ultimate success of either party. In pursuance of the treaty relations of the United States with the Dominican republic, which were threatened by the necessity of suspending the operation under American administration of the custom houses on the Haitian frontier, it was found necessary to dispatch special commissioners to the island to re-establish the custom houses and with a guard sufficient to insure needed protection to the customs administration. The efforts which have been made appear to have resulted in the restoration of normal conditions throughout the republic. The good offices which the commissioners were able to exercise were instrumental in bringing the contending parties together and in furnishing a basis of adjustment which it is hoped will result in permanent benefit to the Dominican people.

Mindful of its treaty relations, and owing to the position of the government of the United States as mediator between the Dominican republic and Haiti in their boundary dispute and because of the further fact that the revolution-

any activities on the Haitien-Dominican frontier had become so active as practically to obliterate the line of demarcation that had been heretofore recognized pending the definitive settlement of the boundary in controversy, it was found necessary to indicate to the two island governments a provisional de facto boundary line. This was done without prejudice to the rights or obligations of either country in a final settlement to be reached by arbitration. The tentative line chosen was one which, under the circumstances brought to the knowledge of this government, seemed to conform to the best interests of the disputants. The border patrol which it had been found necessary to re-establish for customs purposes between the two countries was instructed provisionally to observe this line.

MARINES LANDED IN CUBA.

The republic of Cuba last May was in the throes of a lawless uprising that for a time threatened the destruction of a great deal of valuable property—much of it owned by Americans and other foreigners—as well as the existence of the government itself. The armed forces of Cuba being inadequate to guard property from attack and at the same time properly to operate against the rebels, a force of American marines was dispatched from our naval station at Guantanamo into the province of Oriente for the protection of American and other foreign life and property. The Cuban government was thus able to use all its forces in putting down the outbreak, which it succeeded in doing in a period of six weeks. The presence of two American warships in the harbor of Havana during the most critical period of this disturbance contributed in great measure to allay the fears of the inhabitants, including a large foreign colony.

There has been under discussion with the government of Cuba for some time the question of the release by this government of its leasehold rights at Bahia Honda, on the northern coast of Cuba, and the enlargement, in exchange therefor, of the naval station which has been established at Guantanamo bay, on the south. As the result of the negotiations thus carried on an agreement has been reached between the two governments providing for the suitable enlargement of the Guantanamo bay station upon terms which are entirely fair and equitable to all parties concerned.

At the request alike of the government and both political parties in Panama, an American commission undertook supervision of the recent presidential election in that republic, where our treaty relations and, indeed, every geographical consideration, make the maintenance of order and satisfactory conditions of peculiar interest to the government of the United States. The elections passed without disorder, and the new administration has entered upon its functions.

SEES DUTY IN GUATEMALA.

The government of Great Britain has asked the support of the United States for the protection of the interests of British holders of the foreign bonded debt of Guatemala. While this government is hopeful of an arrangement equitable to the British bondholders, it is naturally unable to view the question apart from its relation to the broad subject of financial stability in Central America, in which the policy of the United States does not permit it to escape a vital interest. Through a renewal of negotiations between the government of Guatemala and American bankers, the aim of which is a loan for the rehabilitation of Guatemalan finances, a way appears to be open by which the government of Guatemala could promptly satisfy any equitable and just British claims, and at the same time so improve its whole financial position as to contribute greatly to the increased prosperity of the republic and to redound to the benefit of foreign investments and foreign trade with that country. Failing such an arrangement, it may become impossible for the government of the United States to escape its obligations in connection with such measures as may become necessary to exact justice to legitimate foreign claims.

In the recent revolution in Nicaragua, which, it was generally admitted, might well have resulted in a general Central American conflict but for the intervention of the United States, the government of Honduras was especially menaced; but fortunately peaceful conditions were maintained within the borders of that republic. The financial condition of that country remains unchanged, no means having been found for the final adjustment of pressing outstanding foreign claims. This makes it the more regrettable that the financial convention between the United States and Honduras has thus far failed of ratification. The government of the United States continues to hold itself ready to co-operate with the government of Honduras, which, it is believed, cannot much longer delay the meeting of its foreign obligations, and it is hoped at the proper time American bankers will be willing to co-operate for this purpose.

CHANCES ABROAD ARE VAST.

It is not possible to make to the congress a communication upon the present foreign relations of the United States so detailed as to convey an adequate impression of the enormous increase in the importance and activities of those relations. If this government is really to preserve to the American people that free opportunity in foreign markets which will soon be indispensable to our prosperity, even greater efforts must be made. Otherwise the American merchant, manufacturer and exporter will find many a field in which American trade should logically predominate pre-empted through the more energetic efforts of other governments and other commercial nations.

There are many ways in which through hearty co-operation the legislative and executive branches of this government can do much. The absolute essential is the spirit of united effort and singleness of purpose.

I will allude only to a very few specific examples of action which ought then to result. America cannot take its proper place in the most important fields for its commercial activity and enterprise unless we have a merchant marine. American commerce and enterprise cannot be effectively fostered in those fields unless we have good American banks in the countries referred to. We need American newspapers in those countries and proper means for public information about them. We need to assure the permanency of a trained foreign service. We need legislation enabling the members of the foreign service to be systematically brought in direct contact with the industrial, manufacturing and exporting interests of this country in order that American business men may enter the foreign field with a clear perception of the exact conditions to be dealt with and the officers themselves may prosecute their work with clear idea of what American industrial and manufacturing interests require.

NATION IN NEW POSITION.

Congress should fully realize the conditions which obtain in the world as we find ourselves at the threshold of our middle age as a nation. We have emerged full grown as a peer in the great concourse of nations. We have passed through various formative periods. We have been self-centered in the struggle to develop our domestic resources and deal with our domestic questions. The nation is now too mature to continue in its foreign relations those temporary expedients natural to a people to whom domestic affairs are the sole concern. In the past our diplomacy has often contested, in normal times, in a mere assertion of the right to international existence. We are now in a larger relation, with broader rights of our own and obligations to others than ourselves.

A number of great guiding principles were laid down early in the history of this government. The recent task of our diplomacy has been to adjust those principles to the conditions of to-day, to develop their corollaries, to find practical applications of the old principles expanded to meet new situations. Thus are being evolved bases upon which can rest the superstructure of policies

which must grow with the destined progress of this nation.

The successful conduct of our foreign relations demands a broad and a modern view. We cannot meet new questions nor build for the future if we confine ourselves to outworn dogmas of the past and to the perspective appropriate at our emergence from colonial times and conditions.

The opening of the Panama canal will mark a new era in our international life and create new

and world wide conditions, which, with their vast correlations and consequences, will obtain for hundreds of years to come. We must not wait for events to overtake us unawares. With continuity of purpose we must deal with the problems of our external relations by a diplomacy modern, resourceful, magnanimous and fittingly expressive of the high ideals of a great nation.

WM. H. TAFT.

The White House, Dec. 3, 1912.

THE PRESIDENT'S MESSAGE (NO. 2).

To the Senate and House of Representatives: On the 3d of December I sent a message to the congress which was confined to our foreign relations. The secretary of state makes no report to the president or to congress, and a review of the history of the transactions of the state department in one year must therefore be included by the president in his annual message or congress will not be fully informed of them. A full discussion of all the transactions of the government, with a view to informing the congress of the important events of the year and recommending new legislation, requires more space than one message of reasonable length affords. I have therefore adopted the course of sending three or four messages during the first ten days of the session, so as to include reference to the more important matters that should be brought to the attention of the congress.

The condition of the country with reference to business could hardly be better. While the four years of the administration now drawing to a close have not developed great speculative expansion of a wide field of new investment, the recovery and progress made from the depressing conditions following the panic of 1907 have been steady and the improvement has been clear and easily traced in the statistics. The business of the country is now on a solid basis. Credits are not unduly extended and every phase of the situation seems in a state of preparedness for a period of unexampled prosperity.

Manufacturing concerns are running at their full capacity and the demand for labor was never so constant and growing. The foreign trade of the country for this year will exceed \$4,000,000,000, while the balance in our favor—that of the excess of exports over imports—will exceed \$500,000,000. More than half our exports are manufactures or partly manufactured material, while our exports of farm products do not show the same increase because of domestic consumption.

It is a year of bumper crops; the total money value of farm products will exceed \$9,500,000,000. It is a year when the bushel or unit price of agricultural products has gradually fallen, and yet the total value of the entire crop is greater by over \$1,000,000,000 than we have known in our history.

CONDITION OF THE TREASURY.

The condition of the treasury is very satisfactory. The total interest bearing debt is \$963,777,770, of which \$134,631,980 constitutes the Panama canal loan. The noninterest bearing debt is \$378,301,284.90, including \$346,681,016 of greenbacks. We have in the treasury \$150,000,000 in gold coin as a reserve against the outstanding greenbacks; and in addition we have a cash balance in the treasury as a general fund of \$167,152,478.99, or an increase of \$28,973,552 over the general fund last year.

For three years the expenditures of the government have decreased under the influence of an effort to economize. This year presents an apparent exception. The estimate by the secretary of the treasury of the ordinary receipts, exclusive of postal revenues, for the year ending June 30, 1914, indicates that they will amount to \$710,000,000. The sum of the estimates of the expenditures for that same year, exclusive of the Panama canal disbursements and postal disbursements payable from postal revenues, is \$732,000,000, indicating a deficit of \$22,000,000. For the year ending June 30, 1913, similarly estimated receipts were \$667,000,000, while the total

corresponding estimate of expenditures for that year, submitted through the secretary of the treasury to congress, amounted to \$656,000,000. This shows an increase of \$76,000,000 in the estimates for 1914 over the total estimates of 1913. This is due to an increase of \$25,000,000 in the estimate for rivers and harbors for the next year on projects and surveys authorized by congress; to an increase under the new pension bill of \$32,500,000, and to an increase in the estimates for expenses of the navy department of \$24,000,000.

The estimate for the navy department for the year 1913 included two battle ships. Congress made provision for only one battle ship, and therefore the navy department has deemed it necessary and proper to make an estimate which includes the first year's expenditure for three battle ships in addition to the amount required for work on the uncompleted ships now under construction. In addition to the natural increase in the expenditures for the uncompleted ships, and the additional battle ship estimated for, the other increases are due to the pay required for 4,000 or more additional enlisted men in the navy; and to this must be added the additional cost of construction imposed by the change in the eight-hour law which makes it applicable to ships built in private shipyards.

With the exceptions of these three items the estimates show a reduction this year below the total estimates for 1913 of more than \$5,000,000.

The estimates for Panama canal construction for 1914 are \$17,000,000 less than for 1913.

CURRENCY SYSTEM CRYING NEED.

A time when panics seem far removed is the best time for us to prepare our financial system to withstand storm. The most crying need this country has is a proper banking and currency system. The existing one is inadequate, and every one who has studied the question admits it.

It is the business of the national government to provide a medium, automatically contracting and expanding in volume, to meet the needs of trade. Our present system lacks the indispensable quality of elasticity.

The only part of our monetary medium that has elasticity is the bank note currency. The peculiar provisions of the law requiring national banks to maintain reserves to meet the call of the depositors operate to increase the money stringency when it arises rather than to expand the supply of currency and relieve it. It operates upon each bank and furnishes a motive for the withdrawal of currency from the channels of trade by each bank to save itself, and offers no inducement whatever for the use of the reserve to expand the supply of currency to meet the exceptional demand.

After the panic of 1907 congress realized that the present system was not adapted to the country's needs and that under it panics were possible that might properly be avoided by legislative provision. Accordingly a monetary commission was appointed which made a report in February, 1912. The system which they recommended involved a national reserve association, which was, in certain of its faculties and functions, a bank, and which was given through its governing authorities the power, by issuing circulating notes for approved commercial paper, by fixing discounts and by other methods of transfer of currency, to expand the supply of the monetary medium where it was most needed to prevent the export or hoarding of gold and generally to exercise such supervision over the supply of money in every part of the country as to pre-

vent a stringency and a panic. The stock in this association was to be distributed to the banks of the whole United States, state and national, in a mixed proportion to bank units and to capital stock paid in. The control of the association was vested in a board of directors to be elected by representatives of the banks, except certain ex officio directors, three cabinet officers and the comptroller of the currency. The president was to appoint the governor of the association from three persons to be selected by the directors, while the two deputy governors were to be elected by the board of directors.

PLAN WORKED OUT CAREFULLY.

The details of the plan were worked out with great care and ability, and the plan in general seems to me to furnish the basis for a proper solution of our present difficulties. I feel that the government might very properly be given a greater voice in the executive committee of the board of directors without danger of injecting politics into its management, but I think the federation system of banks is a good one, provided proper precautions are taken to prevent banks of large capital from absorbing power through ownership of stock in other banks. The objections to a central bank, it seems to me, are obviated if the ownership of the reserve association is distributed among all the banks of a country in which banking is free. The earnings of the reserve association are limited in percentage to a reasonable and fixed amount, and the profits over and above this are to be turned into the government treasury. It is quite probable that still greater security against control by money centers may be worked into the plan.

Certain it is, however, that the objections which were made in the past history of this country to a central bank as furnishing a monopoly of financial power to private individuals would not apply to an association whose ownership and control is so widely distributed and is divided between all the banks of the country, state and national, on the one hand, and the chief executive through three department heads and his comptroller of the currency on the other.

The ancient hostility to a national bank, with its branches, in which is concentrated the privilege of doing a banking business and carrying on the financial transactions of the government, has prevented the establishment of such a bank since it was abolished in the Jackson administration. Our present national banking law has obviated objections growing out of the same cause by providing a free banking system in which any set of stockholders can establish a national bank if they comply with the conditions of law. It seems to me that the national reserve association meets the same objection in a similar way; that is, by giving to each bank, state and national, in accordance with its size, a certain share in the stock of the reserve association, nontransferable and only to be held by the bank while it performs its functions as a partner in the reserve association.

ASKS FOR CONSIDERATION.

The report of the commission recommends provisions for the imposition of a graduated tax on the expanded currency of such a character as to furnish a motive for reducing the issue of notes whenever their presence in the money market is not required by the exigencies of trade. In other words, the whole system has been worked out with the greatest care. Theoretically it presents a plan that ought to command support. Practically it may require modification in various of its provisions in order to make the security against abuses by combinations among the banks impossible. But in the face of the crying necessity that there is for improvement in our present system, I urgently invite the attention of congress to the proposed plan and the report of the commission, with the hope that an earnest consideration may suggest amendments and changes within the general plan which will lead to its adoption for the benefit of the country.

There is no class in the community more inter-

ested in a safe and sane banking and currency system, one which will prevent panics and automatically furnish in each trade center the currency needed in the carrying on of the business at that center, than the wage earner. There is no class in the community whose experience better qualifies them to make suggestions as to the sufficiency of a currency and banking system than the bankers and business men. Ought we, therefore, to ignore their recommendations and reject their financial judgment as to the proper method of reforming our financial system merely because of the suspicion which exists against them in the minds of many of our fellow citizens? Is it not the duty of congress to take up the plan suggested, examine it from all standpoints, give impartial consideration to the testimony of those whose experience ought to fit them to give the best advice on the subject, and then to adopt some plan which will secure the benefits desired?

A banking and currency system seems far away from the wage earner and the farmer, but the fact is that they are vitally interested in a safe system of currency which shall guarantee its volume to the amount needed and which shall prevent times of artificial stringency that frighten capital, stop employment, prevent the meeting of the payroll, destroy local markets and produce penury and want.

NO RECOMMENDATION ON TARIFF.

I have regarded it as my duty in former messages to the congress to urge the revision of the tariff upon principles of protection. It was my judgment that the customs duties ought to be revised downward, but that the reduction ought not to be below a rate which would represent the difference in the cost of production between the article in question at home and abroad, and for this and other reasons I vetoed several bills which were presented to me in the last session of this congress. Now that a new congress has been elected on a platform of a tariff for revenue only rather than a protective tariff, and is to revise the tariff on that basis, it is needless for me to occupy the time of this congress with arguments or recommendations in favor of a protective tariff.

Before passing from the tariff law, however, known as the Payne tariff law of Aug. 5, 1909, I desire to call attention to section 38 of that act, assessing a special excise tax on corporations. It contains a provision requiring the levy of an additional 50 per cent to the annual tax in cases of neglect to verify the prescribed return or to file it before the time required by law. This additional charge of 50 per cent operates in some cases as a harsh penalty for what may have been a mere inadvertence or unintentional oversight, and the law should be so amended as to mitigate the severity of the charge in such instances. Provision should also be made for the refund of additional taxes heretofore collected because of such infractions in those cases where the penalty imposed has been so disproportionate to the offense as equitably to demand relief.

The estimates for the next fiscal year have been assembled by the secretary of the treasury and by him transmitted to congress. I propose at a later day to submit to congress a form of budget prepared for me and recommended by the president's commission on economy and efficiency, with a view of suggesting the useful and informing character of a properly framed budget.

WORK OF WAR DEPARTMENT.

The war department combines within its jurisdiction functions which in other countries usually occupy three departments. It not only has the management of the army and the coast defenses, but its jurisdiction extends to the government of the Philippines and of Porto Rico and the control of the receivership of the customs revenues of the Dominican republic; it also includes the recommendation of all plans for the improvement of harbors and waterways and their execution when adopted, and, by virtue of an executive order, the supervision of the construction of the Panama canal.

Our small army now consists of 83,809 men, excluding the 5,000 Philippine scouts. Leaving out of consideration the coast artillery force, whose position is fixed in our various seacoast defenses, and the present garrisons of our various insular possessions, we have to-day within the continental United States a mobile army of only about 35,000 men. This little force must be still further drawn upon to supply the new garrisons for the great naval base which is being established at Pearl harbor, in the Hawaiian islands, and to protect the locks now rapidly approaching completion at Panama. The forces remaining in the United States are now scattered in nearly fifty posts, situated for a variety of historical reasons in twenty-four states. These posts contain only fractions of regiments, averaging less than 700 men each.

In time of peace it has been our historical policy to administer these units separately by geographical organization. In other words, our army in time of peace has never been a united organization, but merely scattered groups of companies, battalions and regiments, and the first task in time of war has been to create out of these scattered units an army fit for effective teamwork and co-operation.

To the task of meeting these patent defects the war department has been addressing itself during the last year. For many years we had no officer or division whose business it was to study these problems and plan remedies for these defects. With the establishment of the general staff nine years ago a body was created for this purpose. It has, necessarily, required time to overcome, even in its own personnel, the habits of mind engendered by a century of lack of method, but of late years its work has become systematic and effective, and it has recently been addressing itself vigorously to these problems.

REORGANIZATION PLAN READY.

A comprehensive plan of army reorganization was prepared by the war college division of the general staff. This plan was thoroughly discussed last summer at a series of open conferences held by the secretary of war and attended by representatives from all the branches of the army and from congress. In printed form it has been distributed to members of congress and throughout the army and the national guard, and widely through institutions of learning and elsewhere in the United States. In it, for the first time, we have a tentative chart for future progress.

Under the influence of this study definite and effective steps have been taken toward army reorganization so far as such reorganization lies within the executive power. Hitherto there has been no organization of policy in the treatment of the garrisons of our foreign garrisons from those of troops within the United States. The difference of situation is vital, and the foreign garrison should be prepared to defend itself at an instant's notice against a foe who may command the sea. Unlike the troops in the United States, it cannot count upon re-enforcements or recruitment. It is an outpost upon which will fall the brunt of the first attack in case of war. The historical policy of the United States of carrying its regiments during time of peace at half strength has no application to our foreign garrisons.

During the last year this defect has been remedied as to the Philippines garrison. The former garrison of twelve reduced regiments has been replaced by a garrison of six regiments at full strength, giving fully the same number of riflemen at an estimated economy in cost of maintenance of over \$1,000,000 per year. This garrison is to be permanent. Its regimental units, instead of being transferred periodically back and forth from the United States, will remain in the islands. The officers and men composing these units will, however, serve a regular tropical detail as usual, thus involving no greater hardship upon the personnel and greatly increasing the effectiveness of the garrison. A similar policy is proposed for the Hawaiian and Panama garrisons as fast as the barracks for them are completed. I strongly urge upon con-

gress that the necessary appropriations for this purpose should be promptly made. It is, in my opinion, of first importance that these national outposts, upon which a successful home defense will, primarily, depend, should be finished and placed in effective condition at the earliest possible day.

ARMY REFORMS MADE AT HOME.

Simultaneously with the foregoing steps the war department has been proceeding with the reorganization of the army at home. The formerly disassociated units are being united into a tactical organization of three divisions, each consisting of two or three brigades of infantry and, so far as practicable, a proper proportion of divisional cavalry and artillery. Of course the extent to which this reform can be carried by the executive is practically limited to a paper organization. The scattered units can be brought under a proper organization, but they will remain physically scattered until congress supplies the necessary funds for grouping them in more concentrated posts. Until that is done the present difficulty of drilling our scattered groups together, and thus training them for the proper team play, cannot be removed. But we shall, at least, have an army which will know its own organization and will be inspected by its proper commanders, and to which, as a unit, emergency orders can be issued in time of war or other emergency. Moreover, the organization, which in many respects is necessarily a skeleton, will furnish a guide for future development. The separate regiments and companies will know the brigades and divisions to which they belong. They will be maneuvered together whenever maneuvers are established by congress, and the gaps in their organization will show the pattern into which can be filled new troops as the nation grows and a larger army is provided.

One of the most important reforms accomplished during the last year has been the legislation enacted in the army appropriation bill of last summer, providing for a regular army reserve. Hitherto our national policy has assumed that at the outbreak of war our regiments would be immediately raised to full strength. But our laws have provided no means by which this could be accomplished, or by which the losses of the regiments when once sent to the front could be repaired. In this respect we have neglected the lessons learned by other nations. The new law provides that the soldier, after serving four years with colors, shall pass into a reserve for three years. At his option he may go into the reserve at the end of three years, remaining there for four years. While in the reserve he can be called to active duty only in case of war or other national emergency, and when so called and only in such case will receive a stated amount of pay for all of the period in which he has been a member of the reserve. The legislation is imperfect, in my opinion, in its details, but it is most important step in the right direction, and I earnestly hope that it will be carefully studied and perfected by congress.

ADVOCATES MILITIA PAY BILL.

Under existing law the national guard constitutes after the regular army the first line of national defense. Its organization, discipline, training and equipment, under recent legislation, have been assimilated, as far as possible, to those of the regular army, and its practical efficiency, under the effect of this training, has very greatly increased. Our citizen soldiers under present conditions have reached a stage of development beyond which they cannot reasonably be asked to go without further direct assistance in the form of pay from the federal government. On the other hand, such pay from the national treasury would not be justified unless it produced a proper equivalent in additional efficiency on the part of the national guard.

The organized militia to-day cannot be ordered outside of the limits of the United States, and thus cannot lawfully be used for general military purposes. The officers and men are ambitious and eager to make themselves thus available, and to become an efficient national reserve of

citizen soldiery. They are the only force of trained men, other than the regular army, upon which we can rely. The so-called militia pay bill, in the form agreed on between the authorities of the war department and the representatives of the national guard, in my opinion adequately meets these conditions and offers a proper return for the pay which it is proposed to give to the national guard. I believe that its enactment into law would be a very long step toward providing this nation with a first line of citizen soldiery, upon which its main reliance must depend in case of any national emergency. Plans for the organization of the national guard into tactical divisions, on the same lines as those adopted for the regular army, are being formulated by the war college division of the general staff.

The national guard consists of only about 110,000 men. In any serious war in the past it has always been necessary, and in such a war in the future it doubtless will be necessary, for the nation to depend, in addition to the regular army and the national guard, upon a large force of volunteers. There is at present no adequate provision of law for the raising of such a force. There is now pending in congress, however, a bill which makes such provision, and which I believe is admirably adapted to meet the exigencies which would be presented in case of war. The passage of the bill would not entail a dollar's expense upon the government at this time or in the future until war comes. But if war comes the methods therein directed are in accordance with the best military judgment as to what they ought to be, and the act would prevent the necessity for a discussion of any legislation and the delays incident to its consideration and adoption. I earnestly urge its passage.

The army appropriation act of 1912 also carried legislation for the consolidation of the quartermaster's department, the subsistence department and the pay corps into a single supply department, to be known as the quartermaster's corps. It also provided for the organization of a special force of enlisted men, to be known as the service corps, gradually to replace many of the civilian employees engaged in the manual labor necessary in every army. I believe that both of these enactments will improve the administration of our military establishment. The consolidation of the supply corps has already been effected, and the organization of the service corps is being put into effect.

All of the foregoing reforms are in the direction of economy and efficiency. Except for the slight increase necessary to garrison our outposts in Hawaii and Panama, they do not call for a larger army, but they do tend to produce a much more efficient one. The only substantial new appropriations required are those which, as I have pointed out, are necessary to complete the fortifications and barracks at our naval bases and outposts beyond the sea.

PROGRESS IN PORTO RICO.

Porto Rico continues to show notable progress, both commercially and in the spread of education. Its external commerce has increased 17 per cent over the preceding year, bringing the total value up to \$92,631,886, or more than five times the value of the commerce of the island in 1901. During the year 160,657 pupils were enrolled in the public schools, an increase of 145,525 over the preceding year and as compared with 26,000 for the first year of American administration. Special efforts are under way for the promotion of vocational and industrial training, the need of which is particularly pressing in the island. When the bubonic plague broke out last June the quick and efficient response of the people of Porto Rico to the demands of modern sanitation was strikingly shown by the thorough campaign which was instituted to meet the plague and the hearty public opinion which supported the government's efforts to check its progress and to prevent its recurrence.

The failure thus far to grant American citizenship continues to be the only ground of dissatisfaction. The bill conferring such citizenship has

passed the house of representatives and is now awaiting the action of the senate. I am heartily in favor of the passage of this bill. I believe that the demand for citizenship is just, and that it is amply earned by sustained loyalty on the part of the inhabitants of the island. But it should be remembered that the demand must be and in the minds of most Porto Ricans is, entirely disassociated from any thought of statehood. I believe that no substantial approved public opinion in the United States or in Porto Rico contemplates statehood for the island as the ultimate form of relation between us. I believe that the aim to be striven for is the fullest possible allowance of legal and fiscal self-government, with American citizenship as the bond between us; in other words, a relation analogous to the present relation between Great Britain and such self-governing colonies as Canada and Australia. This would conduce to the fullest and most self-sustaining development of Porto Rico, while at the same time it would grant her the economic and political benefits of being under the American flag.

OPPOSES ISLAND INDEPENDENCE.

A bill is pending in congress which revolutionizes the carefully worked out scheme of government under which the Philippine islands are now governed and which proposes to render them virtually autonomous at once and absolutely independent in eight years. Such a proposal can only be founded on the assumption that we have now discharged our trusteeship to the Filipino people and our responsibility for them to the world, and that they are now prepared for self-government as well as national sovereignty. A thorough and unbiased knowledge of the facts clearly shows that these assumptions are absolutely without justification. As to this, I believe that there is no substantial difference of opinion among any of those who have had the responsibility of facing Philippine problems in the administration of the islands, and I believe that no one to whom the future of this people is a responsible concern can countenance a policy fraught with the direst consequences to those on whose behalf it is ostensibly urged.

In the Philippine islands we have embarked upon an experiment unprecedented in dealing with dependent peoples. We are developing there conditions exclusively for their own welfare. We found an archipelago containing twenty-four tribes and races, speaking a great variety of languages and with a population over 80 per cent of which could neither read nor write. Through the unifying forces of a common education, of commercial and economic development and of gradual participation in local self-government we are endeavoring to evolve a homogeneous people fit to determine, when the time arrives, their own destiny. We are seeking to arouse a national spirit and not, as under the older colonial theory, to suppress such a spirit.

The character of the work we have been doing is keenly recognized in the orient, and our success thus far followed with not a little envy by those who, initiating the same policy, find themselves hampered by conditions grown up in earlier days and under different theories of administration.

But our work is far from done. Our duty to the Filipinos is far from discharged. Over half a million Philippine students are now in the Philippine schools helping to mold the men of the future into a homogeneous people, but there still remain more than a million Filipino children of school age yet to be reached. Freed from American control the integrating forces of a common education and a common language will cease and the educational system now well started will slip back into inefficiency and disorder.

An enormous increase in the commercial development of the islands has been made since they were virtually granted full access to our markets three years ago, with every prospect of increasing development and diversified industries. Freed from American control such development is bound to decline. Every observer speaks of the great progress in public works for the benefit of the Filipinos, of harbor improvements, of roads

and railways, of irrigation and artesian wells, public buildings and better means of communication. But large parts of the islands are still unreached, still even unplored, roads and railways are needed in many parts, irrigation systems are still to be installed and wells to be driven. Whole villages and towns are still without means of communication other than almost impassable roads and trails. Even the great progress in sanitation, which has successfully suppressed smallpox, the bubonic plague and Asiatic cholera, has found the cause of and a cure for beriberi, has segregated the lepers, has helped to make Manila the most healthful city in the Orient, and to free throughout the whole archipelago from its former dread diseases, is nevertheless incomplete in many essentials of permanence in sanitary policy. Even more remains to be accomplished. If freed from American control sanitary progress is bound to be arrested and all that has been achieved likely to be lost.

TRAINED FOR SELF-GOVERNMENT.

Concurrent with the economic, social and industrial development of the islands has been the development of the political capacity of the people. By their progressive participation in government the Filipinos are being steadily and hopefully trained for self-government. Under Spanish control they shared in no way in the government. Under American control they have shared largely and increasingly. Within the last dozen years they have gradually been given complete autonomy in the municipalities, the right to elect two-thirds of the provincial government boards and the lower house of the insular legislature. They have four native members out of nine members of the commission, or upper house. They chief justice and two justices of the Supreme court, about one-half of the higher judicial positions and all of the justices of the peace are natives. In the classified civil service the proportion of Filipinos increased from 51 per cent in 1904 to 67 per cent in 1911. Thus to-day all the municipal employes, over 90 per cent of the provincial employes and 60 per cent of the officials and employes of the central government are Filipinos. The ideal which has been kept in mind in our political guidance of the islands has been the real popular self-government and not mere paper independence. I am happy to say that the Filipinos have done well enough in the places they have filled and in the discharge of the political power with which they have been entrusted to warrant the belief that they can be educated and trained to complete self-government. But the present satisfactory results are due to constant support and supervision at every step by Americans.

If the task we have undertaken is higher than that assumed by other nations, its accomplishment must demand even more patience. We must not forget that we found the Filipinos wholly untrained in government. Up to our advent all other experience sought to repress rather than encourage political power. It takes long time and much experience to ingrain political habits of steadiness and efficiency. Popular self-government ultimately must rest upon common habits of thought and upon a reasonably developed public opinion. No such foundations for self-government, let alone independence, are now present in the Philippine islands. Disregarding even their racial heterogeneity and the lack of ability to think as a nation, it is sufficient to point out that under liberal franchise privileges only about 3 per cent of the Filipinos vote and only 1 per cent of the people are said to read the public press. The government in dependence upon the Filipinos now is, therefore, to subject the great mass of their people to the dominance of an oligarchical and, probably, exploiting minority. Such a course will be as cruel to those people as it would be shameful to us.

Our true course is to pursue steadily and courageously the path we have thus far followed: to guide the Filipinos into self-sustaining pursuits; to continue the cultivation of sound political habits through education and political practice; to encourage the diversification of industries, and to realize the advantages of their industrial education by conservatively approved co-operative meth-

ods, at once checking the dangers of concentrated wealth and building up a sturdy, independent citizenship. We should do all this with a disinterested endeavor to secure for the Filipinos economic independence and to fit them for complete self-government, with the power to decide eventually, according to their own largest good, whether such self-government shall be accompanied by independence.

A present declaration even of future independence would retard progress by the dissension and disorder it would arouse. On our part it would be a disingenuous attempt, under the guise of conferring a benefit on them, to relieve ourselves of the heavy and difficult burden which thus far we have been bravely and consistently sustaining. It would be a disguised policy of scuttling. It would make the helpless Filipino the football of oriental politics, under the protection of a guaranty of their independence which we would be powerless to enforce.

WATER POWER ISSUE TO FORE.

There are pending before congress a large number of bills proposing to grant privileges of erecting dams for the purpose of creating water power in our navigable rivers. The pendency of these bills has brought out an important defect in the existing general dam act. That act does not, in my opinion, grant sufficient power to the federal government in dealing with the construction of such dams to exact protective conditions in the interest of navigation. It does not permit the federal government, as a condition of its permit, to require that a part of the value thus created shall be applied to the further general improvement and protection of the stream. I believe this to be one of the most important matters of internal improvement now confronting the government.

Most of the navigable rivers of this country are comparatively long and shallow. In order that they may be made fully useful for navigation there has come into vogue a method of improvement known as canalization, or the slack water method, which consists in building a series of dams and locks, each of which will create a long pool of deep navigable water. At each of these dams there is usually created also water power of commercial value. If the water power thus created can be made available for the further improvement of navigation in the stream, it is manifest that the improvement will be much more quickly effected on the one hand, and, on the other, that the burden on the general taxpayers of the country will be very much reduced.

Private interests seeking permits to build water power dams in navigable streams usually urge that they thus improve navigation, and that if they do not impair navigation they should be allowed to take for themselves the entire profits of the water power development. Whatever they may do by way of relieving the government of the expense of improving navigation should be given due consideration, but it must be apparent that there may be a profit beyond a reasonably liberal return upon the private investment which is a potential asset of the government in carrying out a comprehensive policy of waterway development. It is no objection to the retention and use of such an asset by the government that a comprehensive waterway policy will include the protection and development of the other public uses of water, which cannot and should not be ignored in making and executing plans for the protection and development of navigation. It is also equally clear that inasmuch as the water power thus created is or may be an incident of a general scheme of waterway improvement within the constitutional jurisdiction of the federal government, the regulation of such water power lies also within that jurisdiction.

In my opinion constructive statesmanship requires that legislation should be enacted which will permit the development of navigation in these great rivers to go hand in hand with the utilization of this by-product of water power, created in the course of the same improvement, and that the general dam act should be so amended as to make this possible. I deem it

highly important that the nation should adopt a consistent and harmonious treatment of these water power projects, which will preserve for the purpose their value to the government, whose right it is to grant the permit. Any other policy is equivalent to throwing away a most valuable national asset.

PROGRESS ON PANAMA CANAL.

During the last year the work of construction upon the canal has progressed most satisfactorily. About 87 per cent of the excavation work has been completed and more than 93 per cent of the concrete for all the locks is in place. In view of the great interest which has been manifested as to some slides in the Culebra cut, I am glad to say that the report of Col. Goethals should allay any apprehension on this point. It is gratifying to note that none of the slides which occurred during this year would have interfered with the passage of the ships had the canal, in fact, been in operation, and when the slope pressures will have been finally adjusted and the growth of vegetation will minimize erosion in the banks, the problem will be practically solved and an ample stability assured for the Culebra cut.

Although the official date of the opening has been set for Jan. 1, 1915, the canal will, in fact, from present indications, be opened for shipping during the latter half of 1913. No fixed date can as yet be set, but shipping interests will be advised as soon as assurances can be given that vessels can pass through without unnecessary delay.

Recognizing the administrative problem in the management of the canal, congress in the act of Aug. 24, 1912, has made admirable provisions for executive responsibility in the control of the canal and the government of the canal zone. The problem of most efficient organization is receiving careful consideration, so that a scheme of organization and control best adapted to the conditions of the canal may be formulated and put in operation as expeditiously as possible.

Acting under the authority conferred on me by congress, I have, by executive proclamation, promulgated the following schedule of tolls for ships passing through the canal, based upon the thorough report of Emory R. Johnson, special commissioner on traffic and tolls:

1. On merchant vessels carrying passengers or cargo, \$1.20 per net vessel ton—each 100 cubic feet of actual earning capacity.
2. On vessels in ballast without passengers or cargo, 40 per cent less than the rate of tolls for vessels with passengers or cargo.
3. Upon naval vessels other than transports, colliers, hospital ships and supply ships, 50 cents per displacement ton.
4. Upon army and navy transports, colliers, hospital ships and supply ships, \$1.20 per net ton. The vessels to be measured by the same rules as are employed in determining the net tonnage of merchant vessels.

Rules for the determination of the tonnage upon which toll charges are based are now in course of preparation and will be promulgated in due season.

REFERS TO BRITISH PROTEST.

The proclamation which I have issued in respect to the Panama canal tolls is in accord with the Panama canal act passed by this congress Aug. 24, 1912. We have been advised that the British government has prepared a protest against the act and its enforcement in so far as it relieves from the payment of tolls American ships engaged in the American coastwise trade on the ground that it violates British rights under the Hay-Pauncefote treaty concerning the Panama canal. When the protest is presented it will be promptly considered and an effort made to reach a satisfactory adjustment of any differences there may be between the two governments.

The promulgation of an efficient workmen's compensation act, adapted to the particular conditions of the zone, is awaiting adequate appropriation by congress for the payment of claims arising thereunder. I urge that speedy provision

be made in order that we may install upon the zone a system of settling claims for injuries in best accord with modern humane, social and industrial theories.

As the completion of the canal grows nearer and as the wonderful executive work of Col. Goethals becomes more conspicuous in the eyes of the country and of the world, it seems to me wise and proper to make provision by law for such reward to him as may be commensurate with the service that he has rendered to his country. I suggest that this reward take the form of an appointment of Col. Goethals as a major-general in the army of the United States, and that the law authorizing such appointment be accompanied with a provision permitting his designation as chief of engineers upon the retirement of the present incumbent of that office.

NAVY'S EFFICIENCY PRAISED.

The navy of the United States is in a greater state of efficiency and is more powerful than it has ever been before, but in the emulation which exists between different countries in respect to the increase of naval and military armaments this condition is not a permanent one. In view of the many improvements and increases by foreign governments, the slightest halt on our part in respect to new construction throws us back and reduces us from a naval power of the first rank and places us among the nations of the second rank. In the last fifteen years the navy has expanded rapidly, and yet far less rapidly than our country. From now on reduced expenditures in the navy mean reduced military strength. The world's history has shown the importance of sea power, both for adequate defense and for the support of important and definite policies.

I had the pleasure of attending this autumn a mobilization of the Atlantic fleet, and was glad to observe and note the preparedness of the fleet for instant action. The review brought before the president and the secretary of the navy a greater and more powerful collection of vessels than had ever been gathered in American waters. The condition of the fleet and of the officers and enlisted men and of the equipment of the vessels entitled them in authority to the greatest credit.

I again commend to congress the giving of legislative sanction to the appointment of the naval aids to the secretary of the navy. These aids and the council of aids appointed by the secretary of the navy to assist him in the conduct of his department have proved to be of the highest utility. They have furnished an executive committee of the most skilled naval experts, who have co-ordinated the action of the various bureaus in the navy, and by their advice have enabled the secretary to give an administration at the same time economical and most efficient. Never before has the United States had a navy that compared in efficiency with its present one, but never before have the requirements with respect to naval warfare been higher and more exacting than now.

ONE BATTLE SHIP A MISTAKE.

A year ago congress refused to appropriate for more than one battle ship. In this I think a great mistake of policy was made, and I urgently recommend that this congress make up for the mistake of the last session by appropriations authorizing the construction of three battle ships, in addition to destroyers, fuel ships and the other auxiliary vessels as shown in the building programme of the general board. We are confronted by a condition in respect to the navies of the world which requires us, if we would maintain our navy as an insurance of peace, to augment our naval force by at least two battle ships a year and by battle cruisers, gunboats, torpedo destroyers and submarine boats in a proper proportion.

We have no desire for war. We would go as far as any nation in the world to avoid war, but we are a world power. Our population, our wealth, our definite policies, our responsibilities in the Pacific and the Atlantic, our defense of the Panama canal, together with our enormous world trade and our missionary outposts on the

frontiers of civilization, require us to recognize our position as one of the foremost in the family of nations, and to clothe ourselves with sufficient naval power to give force to our reasonable demands and to give weight to our influence in those directions of progress that a powerful Christian nation should advocate.

I observe that the secretary of the navy devotes some space to a change in the disciplinary system in vogue in that branch of the service. I think there is nothing quite so unsatisfactory to either the army or the navy as the severe punishments necessarily inflicted by court-martial for desertions and purely military offenses, and I am glad to hear that the British have solved this important and difficult matter in a satisfactory way. I commend to the consideration of congress the details of the new disciplinary system and recommend that laws be passed putting the same into force both in the army and the navy.

I invite the attention of congress to that part of the report of the secretary of the navy in which he recommends the formation of a naval reserve by the organization of the ex-sailors of the navy.

I repeat my recommendation, made last year, that proper provision should be made for the rank of the commander in chief of the squadrons and fleets of the navy. The inconvenience attending the necessary precedence that most foreign admirals have over our own whenever they meet in official functions ought to be avoided. It impairs the prestige of our navy and is a defect that can be very easily removed.

DEPARTMENT OF JUSTICE ACTIVE.

This department has been very active in the enforcement of the law. It has been better organized and with a larger force than ever before in the history of the government. The prosecutions which have been successfully concluded and which are now pending testify to the effectiveness of the departmental work.

The prosecution of trusts under the Sherman antitrust law has gone on without restraint or diminution, and decrees similar to those entered in the Standard Oil and tobacco cases have been entered in other suits, like the suits against the powder trust and the bathtub trust. I am very strongly convinced that a steady, consistent course in this regard, with a continuing of Supreme court decisions upon the new phases of the trust question not already finally decided, is going to offer a solution of this much discussed and troublesome issue in a quiet, calm and judicial way, without any radical legislation changing the governmental policy in regard to combinations now denounced by the Sherman antitrust law.

I have already recommended as an aid in this matter legislation which would declare unlawful certain well known phases of unfair competition in interstate trade, and I have also advocated voluntary national incorporation for the larger industrial enterprises, with provision for a closer supervision by the bureau of corporations, or a board appointed for the purpose, so as to make more certain compliance with the antitrust law on the one hand and give greater security to the stockholders against possible prosecutions on the other. I believe, however, that the orderly course of litigation in the courts and the regular prosecution of trusts charged with the violation of the antitrust law are producing among business men a clearer and clearer perception of the line of distinction between business that is to be encouraged and business that is to be condemned, and that in this quiet way the question of trusts can be settled and competition retained as an economic force to secure reasonableness in prices and freedom and independence in trade.

FAVORS REFORM IN COURTS.

I am glad to bring to the attention of congress the fact that the Supreme court has radically altered the equity rules governing the procedure on the equity side of all federal courts, and though, as these changes have not been yet put in practice so as to enable us to state from actual results what the reform will accomplish, they are

of such a character that we can reasonably prophesy that they will greatly reduce the time and cost of litigation in such courts. The court has adopted many of the shorter methods of the present English procedure, and while it may take a little while for the profession to accustom itself to these methods, it is certain greatly to facilitate litigation.

The action of the Supreme court has been so drastic and so full of appreciation of the necessity for a great reform in court procedure that I have no hesitation in following up this action with a recommendation which I foreshadowed in my message of three years ago, that the sections of the statute governing the procedure in the federal courts on the common law side should be so amended as to give to the Supreme court the same right to make rules of procedure in common law as they have, since the beginning of the court exercised in equity. I do not doubt that a full consideration of the subject will enable the court, while giving effect to the substantial differences in right and remedy between the system of common law and the system of equity, so to unite the two procedures into the form of one civil action and to shorten the procedure in such civil action as to furnish a model to all the state courts exercising concurrent jurisdiction with the federal courts of first instance.

Under the statute now in force the common law procedure in each federal court is made to conform to the procedure in the state in which the court is held. In these days, when we should be making progress in equity procedure, such a conformity statute makes the federal method too dependent upon the action of state legislatures. I can but think it a great opportunity for congress to intrust to the highest tribunal in this country, evidently imbued with a strong spirit in favor of a reform of procedure, the power to frame a model code of procedure, which, while preserving all that is valuable and necessary of the rights and remedies at common law and in equity, shall lessen the burden of the poor litigant to a minimum in the expedition and cheapness with which his cause can be fought or defended through federal courts to final judgment.

WORKMAN'S COMPENSATION ACT.

The workman's compensation act reported by the special commission appointed by congress and the executive, which passed the senate and is now pending in the house, the passage of which I have in previous messages urged upon congress, I venture again to call to its attention. The opposition to it which developed in the senate, but which was overcome by a majority in that body, seemed to me to grow out rather of a misapprehension of its effect than of opposition to its principle. I say again that I think no act can have a better effect directly upon the relations between the employer and employee than this act applying to railroads and common carriers of an interstate character, and I am sure that the passage of the act would greatly relieve the courts of the heaviest burden of litigation that they have, and would enable them to dispatch other business with a speed never before attained in courts of justice in this country.

WM. H. TAFT.

The White House, Dec. 6, 1912.

MESSAGE ON POSTAL AFFAIRS.

In a special message sent to congress Feb. 22, 1912, President Taft called attention to the fact that the postal revenues for the fiscal year ended June 30, 1911, had exceeded the expenditures by \$219,118.60, that the postal savings bank system was growing rapidly and that the placing of assistant postmasters in the classified civil service had secured greater efficiency. The president announced his agreement with the postmaster-general in favoring the establishment of a parcel post.

AGAINST POSTOFFICE TELEGRAPHS.

Regarding the government ownership and operation of telegraph lines in connection with the post-office department the message said:

There is only one recommendation in which I cannot agree—that is one which recommends that

the telegraph lines in the United States should be made a part of the postal system and operated in conjunction with the mail system. This presents a question of government ownership of public utilities which are now being conducted by private enterprise under franchises from the government. I believe that the true principle is that private enterprise should be permitted to carry on such public utilities under due regulation as to rates by proper authority, rather than that the government should itself conduct them. This principle I favor because I do not think it in accordance with the best public policy thus greatly to increase the body of public servants.

"Of course, if it could be shown that telegraph service could be furnished to the public at a less price than it is now furnished to the public by telegraph companies, and with equal efficiency, the argument might be strong one in favor of the adoption of the proposition. But I am not satisfied from any evidence that if these properties were taken over by the government they could be managed any more economically or any more efficiently or that this would enable the government to furnish service at any smaller rate than the public are now required to pay by private companies.

"More than this, it seems to me that the consideration of the question ought to be postponed until after the postal savings banks have come into complete and smooth operation and after a parcel post has been established, not only upon the rural routes and the city deliveries but also throughout the department. It will take some time to perfect these additions to the activities of the postoffice department and we may well await their complete and successful adoption before we take on a new burden in this very extended department."

SECOND CLASS POSTAGE RATES.

The president further called attention to the report transmitted by him of the commission on second class mail matter, appointed pursuant to a joint resolution of the 61st congress. The commis-

sion included Charles E. Hughes of the United States Supreme court, President A. Lawrence Lowell of Harvard university and Harry A. Wheeler, president of the Chicago Association of Commerce. "The findings of the commission," continued the report, "confirm the view that the cost of handling and transporting second class mail matter is largely in excess of the postage paid and that an increase in the rate is not only justified by facts but is desirable. * * *

"The recommendations of the commission as to the postage on second class mail are as follows:

"1. The rate of 2 cents a pound on copies mailed by publishers to subscribers, to news agents and as sample copies, and by news agents to their subscribers or to other news agents.

"2. The rate of 1 cent for each four ounces for copies mailed by other than publishers and news agents—that is, the present transient rate.

"3. The present free-in-county privilege retained, but not extended.

"The commission also recommended that the cent a copy rate for newspapers other than weeklies and for periodicals not exceeding two ounces in weight and the 2 cent a copy rate for periodicals exceeding two ounces in weight when mailed at a city letter carrier office for local delivery be abolished. * * *

"The commission suggests that the department 'maintain an adequate cost system so that the effect of the new rates may be closely observed and a proper basis may be secured for the consideration of any future proposals.'

"In these recommendations the postmaster-general and I heartily concur and commend them to the early attention of congress. The proposed increase of 1 cent a pound in the second class postage rate I believe to be most reasonable, and if sufficient time is allowed before the change goes into effect it should work little serious injury to the business of the periodical publishers, while equalizing, at least in a measure, the burdens of postal taxation."

MESSAGE ON ECONOMY IN GOVERNMENT SERVICE.

April 4, 1912, President Taft sent to congress a message on economy and efficiency in the government service, recommending the passage of laws designed to save more than \$11,000,000 a year. His chief proposals were:

That the local government offices in the treasury, postoffice, justice, interior and commerce and labor departments be placed in the classified service.

That the revenue cutter service be consolidated with the lighthouse service in the department of commerce and labor.

That pension agents be placed in the classified service.

That the office of receiver of district land offices be abolished and the duties transferred to the register, assisted by a bonded clerk.

That the "political appointees" in the internal revenue and customs services be transferred to the classified civil service.

That the auditing offices of the government be consolidated under one auditor.

That mileage allowance for government travel be discontinued and that there be substituted a per diem allowance for officers and employes in place of "subsistence," which includes lodging for those traveling.

That correspondence be handled on an improved basis.

That the distribution of government documents be centralized.

That the publication of the official register be discontinued.

OFFICIALS MURDERED IN VIRGINIA COURT.

Mountain outlaws rode down from the Blue Ridge March 14, 1912, to the Carroll county courthouse in Hillsville, Va., and assassinated the judge upon the bench, the public prosecutor, the sheriff and a spectator, besides wounding several jurors and the clerk of the court. Judge Thornton L. Massie was just pronouncing a sentence of one year's imprisonment on Floyd Allen, who had been convicted of taking a prisoner from a deputy sheriff, when a fusillade of shots was fired by the mountaineers. The judge, Commonwealth's Attorney William Foster and Sheriff Lewis Webb fell dead. Nancy Ayres, a 19 year old girl, was accidentally shot and died the next day from her wounds. Juror Fowler was dangerously wounded while Jurors

Kane and Wordell and Clerk Goad were slightly hurt. The mountaineers with Floyd Allen hastily retreated, but were followed by a posse and the next day, after a fight at Sidna Allen's house, Floyd Allen, severely wounded, was captured. Sidna Allen's wife was shot dead while helping to defend him. Floyd Allen was tried in May and condemned to death. Claude S. Allen and Friel Allen were arrested March 29. Claude was tried in July and sentenced to death. Friel, tried in August, escaped with a sentence of eighteen years in the penitentiary. Sidna Allen and his nephew, Wesley Edwards, were arrested in Des Moines, Iowa, Sept. 14, and were taken back to Virginia for trial.

THE BOY SCOUT MOVEMENT.

The boy scout movement was started in England by Lieut.-Gen. Sir Robert S. S. Baden-Powell in 1908. Boys were enrolled in a uniform corps, properly officered, for the purpose of training them in patriotism, chivalry, self-reliance, woodcraft, tracking, healthful exercises and good citizenship. The plan was successful from the start and thousands of boys in all parts of the British empire belong to

the organization. Similar corps have been started in the United States, Germany, Argentina, Chile, Smyrna, China, Japan and other countries. The movement is nonmilitary. The president of the National Council of Boy Scouts of America is Collin Livingstone of Washington, D. C., and the treasurer is George D. Pratt of Brooklyn, N. Y.

THE MOVEMENT FOR GOOD ROADS.

[By Arthur C. Jackson, president of the National Good Roads association.]

The National Good Roads association has held more than 1,000 good roads conventions in every state of the union and has organized scores of state and county good roads associations. Its objects are clearly defined in the original articles of association, unanimously adopted at Chicago when the association was organized in the year 1900, as follows:

1. To associate all agricultural, transportation, industrial, commercial, educational and religious organizations and individuals who are in sympathy with the good roads movement in a universal demand for the permanent improvement of the public roads and streets.

2. To secure better results from the millions of dollars annually expended upon the public roads and streets.

3. To have established in all states and territories highway departments, with practical engineering supervision.

4. To secure thorough teaching of highway engineering in all universities and agricultural colleges.

5. To utilize all able-bodied tramps, vagrants, paupers, prisoners and convicts in preparing materials and building public roads and streets.

6. To secure state and national aid for the construction and maintenance of permanent public roads for this and future generations.

At the first state convention of the Illinois State Good Roads association, held in Chicago Feb. 12, 1909, the grand project of a great Lincoln memorial highway was presented by the president of the association in these words:

"No name is nearer the American heart than that of Abraham Lincoln, yet in this, his home state, no adequate memorial of him exists. Perhaps nothing adequate can ever be produced, but this state convention will be asked to consider the building of a great Lincoln highway, connecting his home in Springfield with Chicago, St. Louis and the county seat of every county of the state. A great central boulevard between these three cities, which shall surpass in beauty, usefulness and permanency any equal mileage of highway in the world, and connecting with it from the county seat of every county of the state an equally permanent and serviceable public road, which may serve as a daily reminder of him whose greatest ambition was to serve his fellow men, as well as providing Illinois with a permanent system of roads which will be an almost inconceivable source of wealth to the state."

The same statement was incorporated in the official call of the Illinois State Good Roads association for the Lincoln birthday convention of 1912, together with the following:

"Two million dollars has recently been appropriated by congress for a Lincoln memorial, and President Taft and the Lincoln memorial commission are to decide upon the nature of the memorial. Senator Cullom, a member of the commission, favors an appropriate creation by great artists, which shall be worthy of his great friend and endure as long as any monument of antiquity. Congressman Borland and others are seeking to have this appropriation expended in the building of a Lincoln memorial highway from the city of Washington to the battle field of Gettysburg. Speaker Clark, also a member of the commission, believes 'that Lincoln as one of the most practical of mortals would greatly prefer that the \$2,000,000 be expended in such a way as to do somebody some good'; consequently he is for the memorial road in preference to an arch or column or anything of that sort. Senator Chilton urges an extension of this highway from Gettysburg through a country of absorbing historical interest to Lincoln's birthplace.

"Why may not all of these plans be adopted? Why may not the appropriation be expended as planned by the commission, and the memorial highways be built by another?

"What more fitting time and place than Lincoln's birthday and Chicago for the Illinois State Good Roads association and all who sympathize with its

objects to consider each of these propositions designed as a tribute of the honor and affection universally entertained by a free, united and fraternal people for Abraham Lincoln?"

At this last Lincoln's birthday good roads convention, held under the joint auspices of the state and national associations, it was unanimously resolved to seek the aid of women in the great movement for good roads and streets, and a call was issued by the state association for the first Illinois women's good roads convention. It was held in Chicago April 3 and 4, 1912, and was most successful. Its six sessions were presided over by six of the most distinguished women of the state, Mrs. Philip N. Moore, president of the General Federation of Women's Clubs, Jane Addams and W. J. Bryan were among the many notable speakers.

The indorsement by the General Federation of Women's Clubs at its recent biennial in San Francisco of an ocean-to-ocean Lincoln memorial highway emphasizes the interest which has been aroused in this project, and it is now certain of success by reason of the active support of this great body of earnest and patriotic women.

It is significant of the increasing interest in this movement and in the Illinois State Good Roads association that many organizations are adopting resolutions similar to that unanimously adopted by the bankers in convention at Springfield:

"Resolved, That this association looks with favor upon the efforts now being made by the Illinois State Good Roads association to improve our public highways, and we recommend that a committee of five be appointed by the president of this association from the membership of this association to meet with said State Good Roads association and make report thereof at the next annual meeting of this association."

Following is the official call for the fifth international good roads congress:

From Sept. 16 to 21, 1901, there was held in the city of Buffalo the first international good roads congress, the call for which was issued from the headquarters of the National Good Roads association at Chicago.

Participation by delegates from foreign countries was invited and such invitation was transmitted by the department of state to the diplomatic officers of the United States throughout the world and through them communicated to the ministers of foreign affairs, with the request that it be given publicity for the information of organizations and individuals who might be interested. On the tenth anniversary of this milestone in the good roads movement there was held in Chicago Sept. 18 to Oct. 1, 1911, the fourth international good roads congress, to which were invited delegates from every city, state and nation and, as in the case of each of the three preceding congresses, invitations were transmitted by the department of state to all foreign governments, and there were delegates in attendance from forty states and countries.

The production of permanent public roads and streets is one of the most important problems of the century, affecting the material and social well-being of all classes and conditions of people, and the fifth international good roads congress is hereby called to meet in Chicago Feb. 26 to March 2, 1913.

Delegates, both men and women, are invited from every city, state and nation, and all correspondence should be addressed to the secretary at the Hotel LaSalle, Chicago, Ill., U. S. A.

AMERICAN TELEPHONE STATISTICS.

	1900.	1910.
Exchanges	2,326	4,968
Miles of wire.....	1,518,609	8,675,474
Instruments	1,580,101	8,388,648
Daily connections.....	5,173,803	19,925,194
Dividends	\$2,892,945	\$17,029,276
Capital	25,886,300	256,475,300
Gross earnings.....	7,687,381	32,761,341
Net earnings.....	4,270,509	23,095,389

IMPROVED OR SURFACED ROADS IN AMERICA.

[From Engineering and Contracting.]

The following tables, which are based largely upon statistics gathered by the United States office of public roads, give the total cost and per capita cost of roads in each state and the percentage of the total mileage of country roads that are surfaced. Surfaced roads include those improved with broken stone, gravel, sand-clay or other hard surface. The figures are for 1909 and are the latest obtainable:

State.	TOTAL INVESTMENT.		Total investment.
	Per capita.	Sur- All faced. roads.	
Alabama	\$4.20	\$25	\$54,600,000
Arizona	2.50	32	6,500,000
Arkansas	.90	24	27,900,000
California	5.60	26	61,600,000
Colorado	.70	38	30,200,000
Connecticut	10.20	22	23,800,000
Delaware	4.10	19	3,800,000
Florida	4.10	28	20,700,000
Georgia	2.60	34	89,100,000
Idaho	1.80	59	19,000,000
Illinois	3.30	21	115,800,000
Indiana	18.80	44	118,900,000
Iowa	2.50	49	107,900,000
Kansas	.50	58	99,200,000
Kentucky	8.90	32	74,300,000
Louisiana	.80	16	26,300,000
Maine	13.30	49	35,300,000
Maryland			27,500,000
Massachusetts	8.70	14	46,800,000
Michigan	4.50	31	81,500,000
Minnesota	2.60	40	84,800,000
Mississippi			40,300,000
Missouri	2.30	35	115,500,000
Montana	.20	62	23,400,000
Nebraska	.40	67	80,800,000
Nevada	1.20	144	12,800,000
New Hampshire	9.10	44	19,100,000
New Jersey	10.00	16	40,100,000
New Mexico	.50	51	17,100,000
New York	10.20	19	172,000,000
North Carolina	2.40	24	55,600,000
North Dakota	.50	107	61,900,000
Ohio	15.00	33	160,700,000
Oklahoma	1.70	46	74,200,000
Oregon	8.70	53	35,300,000
Pennsylvania	3.50	15	114,000,000
Rhode Island	8.30	12	6,600,000
South Carolina	2.60	24	36,000,000
South Dakota	.80	98	56,800,000
Tennessee	5.40	26	57,700,000
Texas	1.90	35	136,400,000
Utah	4.30	26	9,900,000
Vermont	16.40	57	20,300,000
Virginia	8.10	24	49,900,000
Washington	9.20	40	44,600,000
West Virginia	2.50	29	35,100,000
Wisconsin	4.60	31	71,700,000

State.	Per capita Sur- All faced. roads.	Total investment.
Wyoming	2.80 75	11,000,000
United States	5.60 30	2,722,300,000

PERCENTAGE SURFACED.

State.	Total miles.	Pct. surfaced.
1. Rhode Island	2,121	49.1
2. Massachusetts	17,272	49.0
3. Indiana	67,996	36.7
4. Ohio	88,861	27.1
5. Connecticut	12,583	24.1
6. New Jersey	14,842	22.8
7. Kentucky	53,744	18.8
8. Vermont	14,406	18.4
9. California	48,069	17.9
10. Wisconsin	61,090	16.6
11. New York	79,279	16.1
12. Washington	34,284	13.2
13. Maryland	16,773	12.8
14. Utah	8,320	12.2
15. Tennessee	45,913	11.7
16. South Carolina	32,075	11.0
17. Maine	25,528	10.6
18. Michigan	68,906	10.0
19. Florida	17,579	10.0
20. New Hampshire	15,116	9.6
21. Oregon	29,475	9.5
22. Illinois	94,141	9.5
23. Georgia	82,230	7.3
24. Minnesota	79,323	6.8
25. Alabama	49,639	6.6
26. Delaware	3,000	6.2
27. North Carolina	48,285	4.8
28. Arizona	5,987	4.6
29. Missouri	107,923	4.4
30. Virginia	43,399	4.4
31. Wyoming	10,569	3.9
32. Pennsylvania	87,387	3.8
33. Texas	128,971	3.8
34. Arkansas	36,445	3.0
35. Idaho	18,403	2.8
36. Iowa	102,427	2.5
37. West Virginia	32,109	1.9
38. Louisiana	24,962	1.3
39. Colorado	29,693	1.1
40. Mississippi	39,619	.9
41. New Mexico	16,920	.6
42. Oklahoma	71,325	.5
43. South Dakota	56,354	.5
44. Montana	23,319	.4
45. Kansas	98,302	.4
46. Nevada	12,751	.4
47. Nebraska	80,738	.3
48. North Dakota	61,593	.2
United States	2,199,645	8.7

AMERICAN INTERVENTION IN NICARAGUA.

Gen. Luis Mena, former minister of war, led a revolution in Nicaragua in the summer and fall of 1912, which caused the United States to intervene for the protection of American lives and property. In the latter part of July and the first of August the revolutionists seized property belonging to Americans and assumed such a threatening attitude that 100 marines were sent to Managua at the request of George T. Weltzel, the American minister, and also of President Diaz of Nicaragua. Aug. 10 the rebels under Gens. Mena and Zeledon attacked Managua, but they were driven off by the government troops, assisted by the marines. The defenders of the city lost fourteen men killed and 125 wounded, while the enemy had between 400 and 500 men killed or wounded. The American marines were re-enforced by three additional companies.

Aug. 17 the garrison at Leon was attacked by a force of insurgents and, after surrendering, 430 of the men were killed. Gen. Vaca, leader of the revolutionists there, was notified some days later

by Mr. Weltzel that the American troops on the isthmus would be used to restore peace. Aug. 23 President Taft ordered the 10th infantry, U. S. A., at Panama, to proceed at once to Nicaragua to help the marines, but on receiving news that the line of communication between Corinto and Managua had been reopened by the insurgents he countermanded the order. More marines reached Managua Sept. 2 and American naval contingents garrisoned the principal towns along the railroad.

Oct. 4 the American forces took the town of Coyotepe from the rebels, but in doing so lost four men killed and six wounded. Gen. Zeledon, after being driven from the town of Masaya by Nicaraguan government troops, was pursued and fatally wounded. Gen. Mena had surrendered previously and was deported. Oct. 6 three American marines were killed in an attack on the city of Leon, which was captured. This affair practically ended the revolution and peace was restored.

NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS.

Established by act of Congress March 21, 1866.

Names and Location of Branches—Central, Dayton, O.; Northwestern, Milwaukee, Wis.; Eastern, Fogus, Me.; Western, Leavenworth, Kas.; Marion, Marion, Ind.; Pacific, Santa Monica, Cal.; Danville, Danville, Ill.; Mountain, Johnson City, Tenn.; Battle Mountain Sanitarium, Hot Springs, S. D.

Board of managers—The president of the United States, the chief justice of the Supreme court, the secretary of war, ex-officio, Washington, D. C.; president, Maj. James W. Wadsworth, 246 Broadway, New York, N. Y.; secretary, John M. Holley, LaCrosse, Wis.; Maj. William Warner, Kansas City, Mo.; Col. Henry H. Markham, Pasadena, Cal.; Lieut. Franklin Murphy, Newark, N. J.; Col. Edwin P. Hammond, Lafayette, Ind.; Gen. Joseph S. Smith, Bangor, Me.; Lieut. Oscar M. Gottschalk, Dayton, O.; Z. D. Massey, Sevier, Tenn.; Capt. Lucien S. Lambert, Galesburg, Ill.; Gen. P. H. Barry, Greeley, Neb.

General treasurer—Maj. Moses Harris.

REQUIREMENTS FOR ADMISSION.

1. Honorable discharge from the United States service.

2. Disability which prevents the applicant from earning a living by labor.

3. Applicants for admission will be required to abide by all the rules and regulations made by the board of managers, perform all the duties required of them and obey all the lawful orders of the officers of the home.

4. A soldier or sailor to be admitted must forward with his application his discharge paper, his pension certificate, if he is a pensioner, and his discharge from a state home if he has been an inmate of such home. These papers are retained at the branch to which he is admitted to prevent their loss or fraud, but are returned to him when he is discharged. Soldiers or sailors whose pensions exceed \$16 a month are not admitted to the home except for special reasons.

The National Home for Disabled Volunteer Soldiers is supported by the United States government. The appropriation for that purpose for the fiscal year ended June 30, 1911, was \$4,201,800.

STATE SOLDIERS' HOMES.

There are a number of state homes for disabled volunteer soldiers, who, for various reasons, are unable to obtain admission to the national homes.

The federal government contributes toward the support of the state homes the sum of \$100 for each soldier, based upon the average attendance for the year; the remainder of the expenses is paid by the states themselves. Some of these homes are on the cottage plan. Following is a list of the state homes:

California—Yountville.	New Hampshire—Tilton.
Colorado—Monte Vista.	New Jersey—Kearny and Vineland.
Connecticut—Noroton Heights.	New York—Bath and Oxford.
Idaho—Boise.	North Dakota—Lisbon.
Illinois—Quincy.	Ohio—Sandusky.
Indiana—Lafayette.	Oregon—Roseburg.
Iowa—Marshalltown.	Pennsylvania—Erie.
Kansas—Fort Dodge.	Rhode Island—Bristol.
Massachusetts—Chelsea.	S. Dakota—Hot Springs.
Michigan—Grand Rapids.	Vermont—Bennington.
Minnesota—Minnehaha.	Washington—Orting and Port Orchard.
Missouri—St. James.	Wisconsin—Waupaca.
Montana—Columbus Falls.	Wyoming—Cheyenne.
Nebraska—Grand Island and Milford.	

HOME FOR REGULAR ARMY SOLDIERS.

The United States maintains a home for disabled and discharged soldiers of the regular army at Washington, D. C. All soldiers who have served twenty years in the army and all soldiers who have incurred such disability, by wounds, disease or injuries in the line of duty while in the regular army, as units them for further service are entitled to admission to the home. The home is in charge of a board of commissioners, consisting of the governor of the home, the adjutant-general of the army, the judge-advocate, the commissary-general, the quartermaster-general, the chief of engineers and the surgeon-general. The present governor is Lieut.-Gen. S. B. M. Young (retired).

CONFEDERATE SOLDIERS' HOME.

Confederate veterans of the civil war have a home at Beauvoir, near Biloxi, Miss. The residence there of Jefferson Davis in his last years was secured in 1902 as a refuge for helpless old southern soldiers by the United Sons of Confederate Veterans. It is supported by that society and the United Daughters of the Confederacy.

TELEPHONE COMPANY PENSION SYSTEM.

The American Telephone and Telegraph company in November, 1912, announced the inauguration of a permanent pension and insurance system on behalf of its employees, beginning Jan. 1, 1912. For this purpose a fund of \$10,000,000 was provided, the fund to be made good from year to year through appropriations by the various associated companies. The employees will not be called upon to contribute anything. The company and its subsidiaries employ about 175,000 persons.

The pension plan, which with the insurance and disability plans is the same in all the companies, provides for a pension per annum of 1 per cent of the average annual pay during the ten years next preceding retirement multiplied by the number of years of service. For instance, a man with thirty years of service behind him would receive a pension equal to 30 per cent of the average amount earned annually by him during the ten years preceding his application for the benefit.

Disability in the performance of duty will be

met with full pay for thirteen weeks and half pay until able to earn a livelihood, the time not to exceed six years. Disability not in the performance of duty will be met with graduated compensation, depending on the length of service of the employee. All employees having relatives depending on them will be entitled to insurance against death by accident occurring in and due to the performance of work for the company in the sum of three years' wages not in excess of a total amount of \$5,000, payable to their dependent relatives.

All employees having relatives dependent on them and who have been five years in the service will be entitled to insurance against death in a sum equal to six months' wages when the term of employment has been from five to ten years, and to one year's wages when the term of employment has been ten years or more, with a maximum of \$2,000 in either case. Such insurance to be paid to the dependent relatives left by the employee.

ASSASSINATION OF PREMIER CANALEJAS.

Jose Canalejas y Mendes, prime minister of Spain, was assassinated in Madrid Nov. 12, 1912, by an anarchist named Manuel Paredes, who then attempted to commit suicide. The premier was on his way to the ministry of the interior and had stopped to look into the window of a bookstore in the Puerto del Sol when a man came out of a doorway near at hand and fired four shots at him from close range. Three of the bullets took effect, one in the back and two in the head, causing instant death. The assassin turned the muzzle of his

revolver upon himself and fired. The police coming up carried him to a hospital, where he regained consciousness and told his name before he died. The dead premier's body was taken to the chamber of deputies, where it lay in state until the funeral.

Jose Canalejas was looked upon as one of the ablest statesmen in Spain. He was the leader of the liberal party and became premier in February, 1910, when King Alfonso asked him to form a ministry. He was 58 years of age.

THE IRISH HOME RULE MEASURE.

In the British house of commons April 11, 1912, Premier Asquith presented the bill of the liberal government for autonomy in Ireland. The provisions of the measure as proposed, the official title of which is "The Government of Ireland Bill," are as follows:

Establishment of an Irish parliament, consisting of a senate and a house of commons, with power to make laws for peace, order and good government in Ireland.

The matters to be excluded from the control of the Irish parliament are the crown, the army and the navy, imperial affairs, the Irish land purchase and the old age pensions and national insurance acts, the Irish constabulary, the postoffice savings bank and public loans. In addition to those excluded by the home rule bill of 1893, which left the customs under the control of the imperial government.

The Irish constabulary to be automatically transferred to the Irish government after six years and power given to the Irish parliament to demand the transfer of the old age pensions and insurance act to its control on giving a year's notice to the imperial government.

The Irish parliament is debarred from altering the home rule bill or the power to appeal to the privy council.

Protection of religious equality in Ireland and stipulation that the Irish parliament cannot make laws, directly or indirectly, to establish or to endow any religion or to prohibit the free exercise thereof or to give a preference or privilege to any religion or to make any religious ceremony a condition of validity of any marriage.

The lord lieutenant of Ireland to have the power to veto or suspend any bill on the instruction of the imperial executive.

The Irish senate to consist of forty members and the house of commons of 164, of which Ulster is to have fifty-nine and the universities two.

The senate to be composed of nominated members. In the first instance the imperial executive to control the nominations with a view to assuring the representation of the minority. The nominations to be for a fixed term, and as the members re-

tire by rotation the vacancies will be filled by the Irish executive.

The lord lieutenant to be head of the executive. There will be no religious bar and he will hold office for a fixed term.

The authority of the executive to be coextensive with that of the Irish parliament. The 164 representatives to be elected by the existing constituencies, but no constituency to have less than 27,000 population.

The collection of all taxes to remain in the imperial service, and they will be paid into the imperial exchequer, which is to pay over to the Irish executive an amount equivalent to the expenditure on Irish services at the time of the passing of the act.

An additional \$2,500,000 to be paid to Ireland the first year, and this will diminish by \$250,000 yearly until it is reduced to \$1,000,000.

The postal services to be handed over to Ireland. The Irish parliament to have power to reduce or to discontinue the imperial taxes excepting the income tax and the stamp and estate duties.

It will also have power to alter the excise duties, but except in the case of beer and spirits it is debarred from adding to the customs duties anything which will give a greater increase than 10 per cent.

The Irish representation at Westminster to be forty-two members, one for every 100,000 of the population.

The bill passed its first reading in the house of commons April 16 by a vote of 369 to 266. It passed its second reading May 9 by a vote of 372 to 271. The bill was generally satisfactory to the nationalists in Ireland, but the unionists in Ulster were bitterly opposed to it, and huge demonstrations against it were organized in Belfast in September. On the 28th of that month a "solemn league and covenant" was numerously signed by men who gave their pledge that they would never submit to home rule. Sir Edward Carson was the leader of the movement in opposition to the adoption of the measure. Consideration of the bill led to riotous scenes in the house of commons, and the government received a setback Nov. 11 when in a snap division the cabinet was outvoted on an amendment. It continued to press the measure, however, with vigor and confidence.

END OF WAR BETWEEN TURKEY AND ITALY.

The war between Turkey and Italy, which began Sept. 26, 1911, was brought to a close Oct. 18, 1912, when a treaty of peace was signed by representatives of the two powers at Ouchy, Switzerland. The end of the conflict was greatly hastened by the attack of the allied Balkan states on Turkey, which realized that it could not carry on successful wars in Africa and Europe at the same time. The treaty provided that the sultan should issue a decree proclaiming the autonomy of the Tripolitan province of Libya and that then Italy should issue a decree establishing in Libya a system of government based on Italian sovereignty. The spiritual authority of the caliph was to be recognized, but political interference was to be excluded. The treaty further provided for the renewal of commercial treaties, the exchange of prisoners, amnesty to the people in the zone of war, the withdrawal of Turkish troops from Tripoli and Cyrenaica and of Italian troops from the captured islands in the Aegean sea, the restoration of these islands to Turkey on certain conditions and the annual payment by Italy to the Turkish debt of a sum equal to the average revenue for the three years preceding the war received by Turkey from Tripoli and Cyrenaica, such sum not to be less than \$400,000. Following is a chronology of the chief events of the war.:

1911—Sept. 29—War declared by Italy.

Oct. 3—City of Tripoli bombarded.

Oct. 6—Tripoli captured.

Oct. 30—Turks repulsed by Italians after severe battle; many Italians massacred.

1912—Jan. 7—Seven Turkish gunboats sunk by Italian fleet near Bay of Kufndra, in the Red sea.

Feb. 24—Belrut, Syria, bombarded by Italian warships; Turkish gunboats in harbor disabled.

Feb. 26—King of Italy signs bill formally annexing Tripolitana and Cyrenaica.

March 12—Arabs defeated with heavy loss at Fojat.

April 18—Italian warships bombarded forts at entrance of Dardanelles; little damage done.

April 19—Closing of Dardanelles by Italian action resented by powers.

May 4—Italy seizes Turkish island of Rhodes; captures 2,300 soldiers.

June 9—Fierce battle fought at Zanzur oasis; Turks lose heavily.

July 14—Town of Sidi Ali captured by Italians after six hour battle.

Aug. 3—Peace commissioners named by Turkey.

Oct. 18—Peace treaty signed at Ouchy, Switzerland.

SPECIAL SESSION OF 63D CONGRESS.

President-Elect Woodrow Wilson made the following announcement Nov. 15, 1912:

"I shall call congress together in extraordinary session not later than April 15, 1913. I shall do this not only because I think that the pledges of

the party ought to be redeemed as promptly as possible, but also because I know it is to be in the interest of business that all uncertainty as to what the particular items of tariff revision are to be should be removed as soon as possible."

GENERAL NATIONAL AND INTERNATIONAL ASSOCIATIONS.

American Association for the Study and Prevention of Infant Mortality—President, Dr. J. W. Williams, Baltimore, Md.; secretary, Dr. Philip Van Ingen, New York, N. Y.

American Bankers' Association—President, Charles H. Tuttle, St. Louis, Mo.; secretary, F. E. Farnsworth, New York, N. Y.

American Civic Association—President, J. Horace McFarland, Harrisburg, Pa.; secretary, Richard B. Watrous, 913-914 Union Trust building, Washington, D. C.

American Federation of Arts—1741 New York avenue, Washington, D. C.; president, Edwin L. Blashfield (acting); secretary, Leslie Mechlin.

American Humane Association—President, Dr. William O. Stillman, Albany, N. Y.; secretary, J. Walker, Albany, N. Y.

American National Red Cross Society—President, William H. Taft, Washington, D. C.; secretary, Charles L. Magee; national director, Ernest P. Bicknell, Washington, D. C.

American Press Humorists—President, Edgar A. Guest, Detroit, Mich.; secretary-treasurer, George Fitch, Peoria, Ill.

Drama League of America—President, Mrs. Howard Besly, Hinsdale, Ill.; secretary, Mrs. Harry P. Jones, Chicago, Ill.

General Federation of Women's Clubs—President, Mrs. Percy V. Pennybacker, Texas; recording secretary, Mrs. Harry L. Keefe, Nebraska; corresponding secretary, Mrs. Eugene Reiley, North Carolina.

Indian Rights Association—Corresponding secretary, Herbert Welsh, 708-709 Provident building, Philadelphia, Pa.

National Council of Women—President, Mrs. Kate Walter Barrett, Alexandria, Va.; corresponding secretary, Mrs. Flo Jamison Miller, Wilmington, Ill.

International Peace Forum—President, Dr. John Wesley Hill; treasurer, Henry Clews; central office, 135 Madison avenue, New York, N. Y. Object, industrial and international peace.

International Reform Bureau—206 Pennsylvania avenue, S. E., Washington, D. C.; superintendent and treasurer, Dr. Wilbur F. Crafts; devoted to suppression of intemperance, impurity, sabbath breaking, gambling and kindred evils.

International Prison Commission—Secretary, Dr. C. R. Henderson, University of Chicago, Chicago, Ill.

International Union of Criminal Law—Secretary of American group, Edwin R. Keedy, Northwestern law school, Chicago, Ill.

Lake Mohonk Conference—Secretary, Henry S. Haskins, Lake Mohonk, N. Y.

National Academy of Design—President, John W. Alexander, New York, N. Y.

National Children's Home Society—President, Washington Gardner, Albion, Mich.; secretary, James L. Clark, Hearst building, Chicago, Ill.

National Civic Federation—President, Seth Low, New York, N. Y.; chairman executive council, Ralph M. Easley, New York, N. Y.

National Commercial Teachers' Federation—President, F. M. Van Antwerp, Louisville, Ky.; secretary, Walter F. Ingersoll, Spokane, Wash.

National Conference of Charities and Correction—President, Frank Tucker, New York, N. Y.; secretary, Alexander Johnson, Angola, Ind.

National Conservation Association—President, Chas. L. Pack, Cleveland, O.; executive secretary, Thomas R. Shipp, Indianapolis, Ind.

National Board of Trade—President, Frank D. LaLanne, Philadelphia, Pa.; secretary-treasurer, William R. Tucker, Philadelphia, Pa.

National League for Medical Freedom—President, B. O. Flower, New York, N. Y.; secretary, Paul Arthur Harsch, Toledo, O.

National League for the Protection of the Family—President, Seth Low, New York, N. Y.; corresponding secretary, Rev. Samuel W. Dike, Auburndale, Mass.

National Congress of Mothers and Parent Teachers' Association—President, Mrs. Frederick Schoff, Philadelphia, Pa.; corresponding secretary, Mrs. Arthur A. Birney, 806 Loan and Trust building, Washington, D. C.

National Municipal League—President, William Dudley Foulke, Richmond, Ind.; secretary, Clinton R. Woodruff, Philadelphia, Pa. Purpose: To secure legislation that will carry to the farmer the best methods and practices determined at agricultural colleges and experiment stations.

American Prison Association—President, Frederick G. Pettigrove, Boston, Mass.; secretary, Joseph G. Byers, State house, Trenton, N. J.

National Soil Fertility League—President, Howard H. Gross, Chicago, Ill.; office, 1328 First National Bank building, Chicago, Ill.

National Woman's Suffrage Association—President, Anna Howard Shaw, Moylan, Pa.; first vice-president, Jane Addams, Chicago, Ill.; corresponding secretary, Mrs. Mary W. Dennett, New York.

National Woman's Christian Temperance Union—President, Mrs. Lillian M. N. Stevens, Portland, Me.; corresponding secretary, Mrs. Frances P. Parks, Evanston, Ill.

Playground and Recreation Association of America—President, Joseph Lee, Boston, Mass.; secretary, H. S. Braucher, New York, N. Y.

NATIONAL PARTY EMBLEMS IN 1912.

In addition to wearing the usual buttons bearing portraits of the presidential and vice-presidential candidates, many of the more enthusiastic party followers in the campaign of 1912 wore emblems made of metal, which were usually fastened to the coat lapels. The democrats had the historic mule, or donkey, and the republicans the equally historic G. O. P. elephant. The progressive or third party by



DEMOCRATIC.

common consent adopted the bull moose as its unofficial emblem and hence to as the "bull moose party." The name had its origin in a phrase said to have been used by Theodore Roosevelt. On the evening of his arrival in Chicago, June 15, 1912, to attend the republican convention a friend asked him how he felt. He replied, "I am feeling like a bull moose." The expression was taken up by cam-



PROGRESSIVE.

paign orators, cartoonists and others and "bull moose" soon became a synonym for the progressive party and its adherents.



REPUBLICAN.

Bandanna handkerchiefs were also occasionally displayed by Mr. Roosevelt's followers, because of his experience in the west as a cowboy or ranchman in his early career. The socialists and prohibitionists had no special emblems.

CARNEGIE CORPORATION OF NEW YORK

The Carnegie Corporation of New York, incorporated by an act of the New York legislature, was organized Nov. 10, 1911, "for the purpose of receiving and maintaining a fund or funds and applying the income thereof to promote the advancement and diffusion of knowledge and understanding among the people of the United States by aiding technical schools, institutions of higher learning, libraries, scientific research, hero funds, useful publications and by such other agencies and means as shall from time to time be found appropriate therefor."

The officers are: President, Andrew Carnegie; vice-president, Elihu Root; treasurer, Robert A. Franks; secretary, James Bertram.

ATTEMPTED ASSASSINATION OF THEODORE ROOSEVELT.

Theodore Roosevelt was shot and seriously wounded by John Schrank, a New York saloonkeeper, in Milwaukee, Wis., Monday evening, Oct. 14, 1912. The former president was in the midst of his campaign for a third term in the white house and was about to leave the Gilpatrick hotel at 8 o'clock to address a large assemblage in the Auditorium, a short distance away. He had entered an automobile and was standing up when Schrank approached in the crowd, drew a revolver and fired. The bullet struck



Daily News Photo.

JOHN SCHRANK.

Mr. Roosevelt in the right breast, and had the missile not been deflected upward by an eyeglass case and the manuscript on the spot prepared for the evening it would, without doubt, have inflicted a mortal wound. The man who fired the shot was quickly overpowered by Elbert Martin, one of Mr. Roosevelt's secretaries, and was prevented from firing a second shot. The crowd became threatening and the first thought of the ex-president was to save his assailant from possible harm. "Don't hurt the poor creature," he said as Schrank was brought before him. The man was at once turned over to the police and hurried to jail. It was some time before those in the automobile or Mr. Roosevelt himself realized that he had been seriously wounded, though it was known that the shot had struck him. Every effort was made to induce Mr. Roosevelt to seek medical attention at once, but he insisted upon proceeding to the Auditorium and making his speech to the 10,000 persons who were waiting for him. His appearance upon the platform and his exhibition of the damaged eyeglass case and punctured manuscript, together with his announcement that he had been shot, produced a great sensation among the auditors, most of whom were not aware of what had happened until he himself informed them.

Mr. Roosevelt made his speech according to the programme arranged and was then taken to a hospital, where an examination of the wound was made by Drs. S. L. Terrell, Joseph Bloodgood and R. G. Sayle. They found that his general condition was sufficiently good to make it safe for him to travel, and early the following morning he was brought to Chicago on a special train and taken to Mercy hospital, where he was attended by Drs. John B. Murphy, Arthur Dean Bevan and the physicians who accompanied him from Milwaukee. After taking several X-ray photographs and making a close examination of the wound the doctors issued the following official bulletin:

"Deep bullet wound of chest wall without striking any vital organ in transit. Wound has not been probed. Point of entrance one inch to the right of and one inch below the level of the right nipple. Bullet ranged upward and inward distance of four inches deeply in chest wall. There is no evidence that bullet penetrated the lung. Pulse, 90. Temperature, 99.2. Respiration, 20. Leucocyte count 8,200 at 10 a. m. No operation to remove the bullet is indicated at the present time. Condition hopeful, but the wound is so important as to demand absolute rest for a number of days."

Mrs. Roosevelt and other members of the ex-president's family came to Chicago at once and were with him at the hospital until he had so far recovered as to be able to go to Oyster Bay, his home. No effort was made to probe the wound and

the bullet was allowed to remain where it was imbedded in the chest. The physicians, recognizing the possibility of serious complications, watched the patient closely, but he gained strength rapidly and on Monday morning, Oct. 21, he was permitted to take a train for the east. He arrived at Oyster Bay on the following day and remained there until the close of the campaign, except for a visit to New York, where he made a speech at a progressive mass meeting in Madison Square Garden on the evening of Oct. 30. He received a tremendous ovation from the great gathering and made an effective speech on behalf of the progressive policies. Mr. Roosevelt immediately after the shooting received hundreds of telegrams of sympathy and congratulation from public men in all parts of the world.

On searching John Schrank in the police station notes were found in his pockets which seemed to indicate that the writer was insane. One was to the effect that in a dream he had seen the spirit of McKinley, who pointed out Theodore Roosevelt and said: "Let not a murderer take the presidential chair. Avenge my death." A paragraph in another note was: "Let every third term be regarded as a traitor to the American cause. Let it be the right and duty of every citizen to forcibly remove a third term." The notes were signed "Innocent Guilty." When questioned Schrank said he had followed Mr. Roosevelt from New York to Charleston, Augusta, Birmingham, Chattanooga, Nashville, Evansville, Louisville, Chicago and Milwaukee, looking all the time for an opportunity to kill him. Asked for his motive, he said he thought it was his duty to remove a man who was seeking a third term as president. He said his home was at 370 East 10th street, New York city. He denied being a socialist and said he was an independent in politics.

It was decided to remand the prisoner until the result of his act was definitely known and also until after the excitement of the presidential campaign was over. Accordingly Schrank was not arraigned in court until Nov. 12, when he was taken before Municipal Judge A. C. Backus. District Attorney W. C. Zabel read the complaint, which charged the defendant with an assault upon Theodore Roosevelt with a deadly weapon with intent to kill. Schrank pleaded guilty to the charge and in reply to a question from the judge said:

"I shot Theodore Roosevelt because he was a menace to the country. He should not have a third term. It is bad that a man should have a third term. I did not want him to have one. I shot him as a warning that men must not try to have more than two terms as president. I shot Theodore Roosevelt to kill him. I think all men trying to keep themselves in office should be killed; they become dangerous. I did not do it because he was a candidate of the progressive party, either, gentlemen."

At the request of the district attorney the judge appointed five Milwaukee physicians to act as a commission of alienists for the purpose of inquiring into the prisoner's mental condition.

The doctors reported to the court Nov. 22 that in their opinion John Schrank was insane and unable to confer intelligently with counsel on the conduct of his defense. The report was unanimous. Judge Backus thereupon ruled: "It is ordered and adjudged that the defendant, John Schrank, be committed to the Northern Hospital for the Insane, near Oshkosh, until such time when he shall have recovered from such insanity, when he shall be returned to this court for further proceedings according to law." A few days later Schrank was taken to the asylum, in which, it was thought by physicians, he would spend the remainder of his life.

CARNEGIE PENSIONS FOR EX-PRESIDENTS.

The Carnegie Corporation of New York made the following official announcement Nov. 21, 1912:

"Provision has been made through this corporation for a pension for each future ex-president and his widow, unmarried, of \$25,000 per year as long as these remain unprovided for by the nation, that

they may be able to spend the latter part of their lives devoting their unique knowledge gained of public affairs to the public good free from pecuniary cares. These pensions will be promptly offered to the ex-presidents or their widows, so that no application will be required from them."

GREAT OCEAN STEAMSHIPS.

Name.	Reg. L'th. B'th ton ge. Ft. Ft.	Name.	Reg. L'th. B'th ton ge. Ft. Ft.	Name.	Reg. L'th. B'th ton ge. Ft. Ft.
Imperator	52,000 898 97	Canada	14,000 500 60	Medic	11,985 550 63
Europa	50,000 911 96	Aeona	14,000 485 60	Persic	11,973 550 63
Olympic	45,000 890 92	Verona	14,000 485 60	Zealand	11,905 561 60
Mauretania	32,000 790 88	Tuormina	14,000 485 60	Haverford	11,635 531 59
Lusitania	32,000 790 88	Sant Anna	14,000 500 60	St. Louis	11,629 535 63
George Washington	27,000 722 78	Mongolia	13,639 600 65	St. Paul	11,629 535 63
K. Aug. Victoria	24,581 677 77	Carpathia	13,603 540 63	Merlon	11,621 530 59
Adriatic	24,541 726 75	Cretic	13,507 582 60	Bremen	11,570 550 60
Rotterdam	24,170 668 77	Patricia	13,424 560 62	Batavia	11,490 501 62
Baltic	23,876 726 75	Minneapolis	13,401 600 66	Corsican	11,436 500 61
France	23,666 720 75	Minnewaska	13,401 600 66	Romanic	11,394 500 59
Amerika	22,622 687 74	Minnetonka	13,398 600 66	La Savoie	11,168 563 69
Cedric	21,935 680 75	Pennsylvania	13,333 559 62	La Lorraine	11,146 563 60
Celtic	20,904 680 75	Pretoria	13,234 561 62	Chicago	11,103 526 57
Minnesota	20,718 622 75	Graf Waldersee	13,193 561 62	Barbarossa	10,915 526 60
Caronia	19,594 650 72	New York	13,182 560 62	New York	10,798 517 63
Carmania	19,524 650 72	Cymric	13,096 535 64	Philadelphia	10,786 527 63
Kronp. Cecil	19,500 706 72	Oceania	13,000 477 56	Virginian	10,754 520 60
Eneas	19,500 500 60	Kenilworth Castle	12,975 570 65	Scotian	10,750 540 60
Kaiser Wilhelm II.	19,361 684 72	Lucania	12,952 601 65	Konigin Luise	10,711 523 60
Lapland	18,694 620 70	Campania	12,950 650 72	Friedrich der Grosse	10,695 523 60
President Lincoln	18,074 616 68	Finland	12,760 578 60	Konig Albert	10,643 499 60
President Grant	18,072 616 68	Kronland	12,760 560 60	Victorian	10,629 520 60
Franconia	18,000 625 72	Walmer Castle	12,546 570 64	Slavonia	10,606 510 59
Berlin	17,324 612 70	Noordam	12,534 550 62	Tunesian	10,576 500 59
Oceanic	17,274 685 63	Ryndam	12,527 550 62	Hamburg	10,531 499 60
Fr. Fr. Wilhelm	17,084 613 63	Potsdam	12,522 550 62	Marmora	10,509 530 60
Cleveland	17,000 608 65	Suevic	12,500 550 63	Statenand	10,491 515 60
Cincinnati	17,000 608 65	Bunic	12,482 550 63	Devonian	10,418 552 59
New Amsterdam	16,697 600 69	Saxon	12,385 570 64	Winifredian	10,405 552 59
Deutschland	16,502 661 67	Moltke	12,335 525 62	Iltonia	10,405 500 57
Megantic	15,877 565 67	Blucher	12,334 525 62	Bavarian	10,387 501 59
Arabic	15,801 616 65	Ionic	12,232 500 63	Majestic	10,147 565 53
Republic	15,378 570 68	Corinthic	12,231 500 63	Amazon	10,100 513 60
Kronprinz Wilhelm	14,908 637 66	Canopic	12,097 594 59	United States	10,091 515 58
Laurentic	14,892 565 67	Vaderland	12,018 560 60	Hellig Olav	10,085 500 58
La Provence	14,744 602 65	America	12,000 506 56	Georgic	10,077 559 63
Empress of Ireland	14,500 549 66	Duca degli Abruzzi	12,000 476 54	Main	10,058 501 58
Kaiser Wm. d. Grosse	14,349 626 66	Duca d'Aosta	12,000 476 54	Pannonia	10,000 506 59
Saxonia	14,281 580 64	Duca di Genova	12,000 476 54	Oscar II.	10,000 515 58
Empress of Britain	14,189 549 65	Camernian	12,000 540 60	Letitia	10,000 470 57
Ivorna	14,058 582 65				

THE PUBLIC DOMAIN.

Unappropriated and unreserved lands in the United States July 1, 1912.

[From circular issued by the general land office, interior department, Washington, D. C.]

State or territory.	Surveyed. Acres.	Unsurveyed. Acres.	Total. Acres.	State or territory.	Surveyed. Acres.	Unsurveyed. Acres.	Total. Acres.
Alabama	93,040	1,600	94,640	Nebraska	832,750		832,750
Alaska		*368,010,643	368,010,643	Nevada	28,844,824	26,230,679	55,075,503
Arizona	12,003,186	28,592,537	40,595,723	New Mexico	22,241,833	11,329,650	33,571,483
Arkansas	436,210	82,000	518,210	North Dakota	1,354,571		1,354,571
California	17,671,839	5,343,499	23,015,338	Oklahoma	39,525		39,525
Colorado	17,684,401	1,564,797	19,249,198	Oregon	13,141,921	3,346,143	16,888,069
Florida	240,408	155,531	396,439	South Dakota	4,039,892	81,920	4,121,812
Idaho	7,172,856	11,757,537	18,970,393	Utah	12,011,921	22,037,256	34,049,177
Kansas	91,328		91,328	Washington	1,106,783	761,306	1,868,089
Louisiana	69,198		69,198	Wisconsin	11,520		11,520
Michigan	92,544		92,544	Wyoming	30,905,022	2,570,720	33,475,742
Minnesota	1,525,775		1,525,775				
Mississippi	52,400		52,400	Grand total	185,362,030	497,622,732	682,984,762
Missouri	1,197		1,197	*The unreserved lands in Alaska are mostly un-			
Montana	13,697,086	15,356,909	29,053,995	surveyed and unappropriated.			

PANAMA CANAL TOLLS FIXED.

President Taft issued a proclamation Nov. 13, 1912, fixing the tolls to be paid by foreign shipping for passage through the Panama canal as follows:

On merchant vessels carrying passengers or cargo, \$1.20 per net vessel ton—each 100 cubic feet—of actual earning capacity.

On vessels in ballast without passengers or cargo, 40 per cent less than the rate of tolls for vessels with passengers or cargo.

Upon naval vessels other than transports, colliers, hospital ships and supply ships, 50 cents per displacement ton.

Upon army and navy transports, colliers, hospital ships and supply ships, \$1.20 per net ton, the vessels to be measured by the same rules as are employed in determining the net tonnage of merchant vessels. [See "Panama Canal Act," pages 182 and 183.]

AMERICAN LIBRARY ASSOCIATION.

Organized 1876; incorporated 1879.

President—Henry E. Legler, Chicago, Ill.
 First Vice-President—E. H. Anderson, New York, N. Y.
 Second Vice-President—Mary F. Isom, Portland, Ore.
 Secretary and Executive Officer—George B. Utley,
 78 East Washington street, Chicago, Ill.

Treasurer—Carl B. Roden, Chicago, Ill.
 Headquarters—78 East Washington-st., Chicago, Ill.
 Membership—2,400.
 Object—To promote the welfare of libraries in America.

STATES, CAPITALS, GOVERNORS AND LEGISLATURES.

STATE OR TERRITORY.	Capital.	Governor.	T ^r m Yrs.	Sal- ary.	Term expires.	Next ses- sion leg- islature.	Limit of ses- sion.
Alabama.....	Montgomery.	E. O'Neal, D.	4	\$5,000	Jan. 1915	Jan. 1915	50 days
Alaska Territory.....	Sitka.	W. E. Clark, R.	4	7,000	Oct. 1913	Mar. 1913	60 days
Arizona.....	Phoenix.	G. W. P. Hunt, D.	4	4,000	Jan. 1915	Nov. 1915	None.
Arkansas.....	Little Rock.	J. T. Robinson, D.	2	4,000	Jan. 1915	Jan. 1915	60 days
California.....	Sacramento.	H. W. Johnson, R.	4	10,000	Jan. 1915	Jan. 1915	60 days
Colorado.....	Denver.	E. M. Ammons, D.	2	5,000	Jan. 1915	Jan. 1915	90 days
Connecticut.....	Hartford.	S. E. Baldwin, D.	2	4,000	Jan. 1915	Jan. 1915	None.
Delaware.....	Dover.	Chas. R. Miller, R.	4	4,000	Jan. 1917	Jan. 1915	None.
District of Columbia.	Washington.						
Florida.....	Tallahassee.	P. Trammell, D.	4	5,000	Jan. 1917	Jan. 1915	60 days
Georgia.....	Atlanta.	J. M. Slaton, D.	2	5,000	June 1915	June 1914	50 days
Hawaii.....	Honolulu.	Walter F. Frear, R.	4	7,000	Aug. 1915	Jan. 1915	
Idaho.....	Boise City.	J. H. Hawley, D.	2	5,000	Jan. 1915	Jan. 1915	60 days
Illinois.....	Springfield.	E. F. Dunne, D.	4	12,000	Jan. 1917	Jan. 1915	None.
Indiana.....	Indianapolis.	S. M. Ralston, D.	4	8,000	Jan. 1917	Jan. 1915	60 days
Iowa.....	Des Moines.	G. W. Clarke, R.	2	5,000	Jan. 1915	Jan. 1915	None.
Kansas.....	Topeka.	G. H. Hodges, D.	2	5,000	Jan. 1915	Jan. 1915	40 days
Kentucky.....	Frankfort.	J. B. McCreary, D.	4	6,500	Dec. 1915	Jan. 1914	60 days
Louisiana.....	Baton Rouge.	L. E. Hall, D.	4	5,000	May 1914	May 1914	60 days
Maine.....	Augusta.	Wm. T. Haines, R.	2	3,000	Jan. 1915	Jan. 1915	None.
Maryland.....	Annapolis.	P. L. Goldsborough, R.	4	4,500	Jan. 1916	Jan. 1914	90 days
Massachusetts.....	Boston.	E. N. Foss, D.	1	8,000	Jan. 1914	Jan. 1914	None.
Michigan.....	Lansing.	W. N. Ferris, D.	2	5,000	Jan. 1915	Jan. 1915	None.
Minnesota.....	St. Paul.	A. O. Eberhart, R.	2	7,000	Jan. 1915	Jan. 1915	90 days
Mississippi.....	Jackson.	Earl Brewer, R.	4	3,500	Jan. 1916	Jan. 1914	60 days
Missouri.....	Jefferson City.	E. W. Major, D.	4	5,000	Jan. 1917	Jan. 1915	70 days
Montana.....	Helena.	S. V. Stewart, R.	4	5,000	Jan. 1917	Jan. 1915	60 days
Nebraska.....	Lincoln.	J. H. Morehead, D.	2	2,500	Jan. 1915	Jan. 1915	60 days
Nevada.....	Carson City.	T. L. Oddie, R.	4	4,000	Dec. 1914	Jan. 1915	60 days
New Hampshire.....	Concord.	R. P. Bass, R.	2	3,000	Jan. 1913	Jan. 1913	None.
New Jersey.....	Trenton.	W. Wilson, D.	3	10,000	Jan. 1914	Jan. 1912	None.
New Mexico.....	Santa Fe.	W. C. McDonald, D.	4	5,000	Jan. 1916	Jan. 1913	60 days
New York.....	Albany.	John A. Dix, D.	2	10,000	Jan. 1913	Jan. 1912	None.
North Carolina.....	Raleigh.	Locke Craig, D.	4	4,000	Jan. 1917	Jan. 1915	60 days
North Dakota.....	Bismarck.	L. B. Hanna, R.	2	5,000	Jan. 1915	Jan. 1915	60 days
Ohio.....	Columbus.	Jas. M. Cox, D.	2	10,000	Jan. 1915	Jan. 1914	None.
Oklahoma.....	Oklahoma City.	Lee Cruce, D.	4	4,500	Jan. 1915	Jan. 1915	None.
Oregon.....	Salem.	Oswald Wenter, D.	4	5,000	Jan. 1915	Jan. 1915	40 days
Pennsylvania.....	Harrisburg.	John K. Tener, R.	4	10,000	Jan. 1915	Jan. 1913	None.
Philippines.....	Manila.	W. C. Forbes, R.	4	15,000	Jan. 1915	Jan. 1915	None.
Porto Rico.....	San Juan.	G. B. Colton, R.	4	8,000	Dec. 1913	Jan. 1912	None.
Rhode Island.....	Providence.	A. J. Pothier, R.	2	3,000	Jan. 1915	Jan. 1912	None.
South Carolina.....	Columbia.	C. L. Blease, D.	2	3,000	Jan. 1915	Jan. 1913	None.
South Dakota.....	Pierre.	F. M. Byrne, R.	2	3,000	Jan. 1915	Jan. 1915	60 days
Tennessee.....	Nashville.	B. W. Hooper, R.	2	4,000	Jan. 1915	Jan. 1915	75 days
Texas.....	Austin.	O. B. Colquitt, R.	2	4,000	Jan. 1915	Jan. 1915	90 days
Utah.....	Salt Lake City.	William Spry, R.	4	4,000	Jan. 1915	Jan. 1915	60 days
Vermont.....	Montpelier.	A. M. Fletcher, R.	2	2,500	Oct. 1914	Oct. 1914	None.
Virginia.....	Richmond.	W. H. Mann, D.	4	6,000	Feb. 1914	Jan. 1914	90 days
Washington.....	Olympia.	E. Lister, D.	4	6,000	Jan. 1917	Jan. 1915	60 days
West Virginia.....	Charleston.	H. D. Hatfield, R.	4	5,000	Mar. 1917	Jan. 1915	45 days
Wisconsin.....	Madison.	F. E. McGovern, R.	2	5,000	Jan. 1915	Jan. 1915	None.
Wyoming.....	Cheyenne.	M. Carey, D.	4	4,000	Jan. 1915	Jan. 1915	40 days

*Biennial sessions. †Appointed by the president. ‡Quadrennial sessions.

NOTE—J. M. Brown, D., is governor of Georgia until June, 1913. His successor will be elected by the legislature. Governor of New Hampshire to be elected term as governor of New Jersey expires March 1, by legislature in January, 1913.

LIQUORS AND SPIRITS PRODUCED IN THE UNITED STATES.

Year ended June 30, 1912.

	Barrels.		Spirits, gallons.	Liquors, barrels.		Spirits, gallons.	Liquors, barrels.
Fermented liquors.....	63,283,123	State.			Oregon.....	332	245,002
Distilled spirits.....	Gallons.	Hawaii.....	27,151	16,683	Pennsylvania.....	9,597,993	7,811,731
Whisky.....	100,647,155	Illinois.....	40,467,742	6,630,254	South Carolina.....	398,467	5,258
Rum.....	2,631,059	Indiana.....	23,588,922	1,469,030	South Dakota.....		52,345
Gin.....	3,345,371	Iowa.....		511,536	Tennessee.....	12,169	256,395
Highwines.....	165,018	Kansas ²			Texas.....	255	678,796
Alcohol.....	24,408,462	Kentucky.....	46,133,576	822,555	Virginia.....	1,310,495	190,473
Commercial alcohol.....	44,205,330	Louisiana.....	9,639,498	471,560	Washington ¹⁰	727	881,811
Fruit brandy.....	7,953,132	Maryland ⁶	5,017,336	1,077,884	West Virginia.....	171,744	363,330
		Dist. Columbia.....	453,015	236,721	Wisconsin.....	2,259,530	5,287,347
Total spirits.....	183,355,527	Delaware.....		124,017			
		Massachusetts.....	4,769,467	2,381,435			
		Michigan.....	1,215,864	1,652,184			
		Missouri.....	539,876	4,223,769			
		Montana.....	13,283	24,288			
		Nebraska.....	2,293,136	436,263			
		N. Hampshire ⁸	1,594	260,927			
		New Jersey.....	67,936	3,418,162			
		New Mexico ⁹	1,195	23,924			
		New York.....	9,630,100	13,732,743			
		North Carolina.....	847				
		Ohio.....	10,305,038	4,573,275			

Total.....183,355,527 63,283,123

¹Including Mississippi. ²Including Nevada. ³Including Wyoming.⁴Including Rhode Island. ⁵Including Oklahoma.⁶Including District of Columbia. ⁷Including Delaware and two counties of Virginia. ⁸Including Idaho and Utah. ⁹Including Maine and Vermont. ¹⁰Including Arizona.¹¹Including Alaska.

PRESIDENTIAL VOTE (1828-1912).

Yr.	Candidate.	Party.	Popular vote.	Per cent.	Electoral vote.	Yr.	Candidate.	Party.	Popular vote.	Per cent.	Electoral vote.
1828	Jackson.....	Democrat..	647,231	55.97	178	1884	Blaine.....	Republican	4,848,334	48.27	182
1828	Adams.....	Federal.....	509,097	44.03	83	1884	Butler.....	Greenback..	133,825	1.33	...
1832	Jackson.....	Democrat..	687,502	54.96	219	1884	St. John....	Prohibition	151,809	1.61	...
1832	Clay.....	Whig.....	530,189	42.39	49	1888	Cleveland..	Democrat..	5,540,050	48.66	168
1832	Floyd.....	Whig.....	33,108	2.65	1	1888	Harrison....	Republican	5,444,337	47.82	233
1832	Wirt.....	Anti-M.....	...	...	...	1888	Streeter....	Union Lab..	146,397	1.29	...
1836	Van Buren....	Democrat..	761,549	50.83	170	1888	Fisk.....	Prohibition	250,125	2.20	...
1836	Harrison....	Whig.....	...	...	...	1888	United.....	Union Lab..	2,803	0.03	...
1836	White.....	Whig.....	...	...	...	1892	Cleveland..	Democrat..	5,554,414	48.04	...
1836	Webster.....	Whig.....	736,656	49.17	14	1892	Harrison....	Republican	5,190,802	43.02	145
1836	Mangum.....	Whig.....	...	...	...	1892	Bidwell....	Prohibition	271,058	2.24	...
1840	Van Buren....	Democrat..	1,128,702	46.82	60	1892	Weaver.....	People's....	1,027,329	8.51	22
1840	Harrison....	Whig.....	1,275,017	52.89	234	1892	Wing.....	Socialist...	21,164	.19	...
1840	Birney.....	Liberty.....	7,059	.99	...	1896	McKinley....	Republican	7,035,638	50.88	271
1840	Polk.....	Democrat..	1,357,243	49.55	170	1896	Bryan.....	Democrat..	6,467,946	46.77	176
1844	Clay.....	Whig.....	1,223,068	48.14	105	1896	Lowery.....	Prohibition	141,076	1.03	...
1844	Birney.....	Liberty.....	62,300	2.31	...	1896	Bentley....	National...	13,969	.10	...
1848	Taylor.....	Whig.....	1,360,101	47.36	163	1896	Matchett...	Soc. Labor..	36,454	.27	...
1848	Cass.....	Democrat..	1,220,544	46.50	107	1896	Palmer.....	Nat. Dem..	131,529	.95	...
1848	Van Buren....	Free Soil...	291,263	10.14	...	1900	McKinley....	Republican	7,219,530	51.69	292
1852	Pierce.....	Democrat..	1,601,474	51.05	254	1900	Bryan.....	Democrat..	6,358,071	45.51	155
1852	Scott.....	Whig.....	1,380,678	43.99	42	1900	Woolley....	Prohibition	209,166	1.49	...
1852	Haile.....	Free Soil...	155,149	4.98	...	1900	Barker.....	People's....	60,232	.37	...
1856	Buchanan....	Democrat..	1,836,109	45.34	174	1900	Debs.....	Soc. Dem..	94,708	.67	...
1856	Fremont.....	Republican	1,341,234	39.93	114	1900	Malloney...	Soc. Lab....	32,751	.23	...
1856	Fillmore....	American..	874,534	21.57	8	1900	Leonard....	United Chr.	518	.00	...
1860	Douglas.....	Democrat..	1,375,157	29.40	12	1900	Ellis.....	Union R....	5,098	.04	...
1860	Breckinridge.	Democrat..	845,763	18.08	72	1904	Roosevelt...	Republican	7,628,834	56.41	336
1900	Lincoln.....	Republican	1,896,352	39.91	189	1904	Parker.....	Democrat..	5,084,491	37.60	140
1900	Bell.....	Union.....	589,581	12.61	39	1904	Swallow....	Prohibition	259,257	1.91	...
1864	McClellan....	Democrat..	1,538,725	55.06	21	1904	Debs.....	Socialist...	402,469	2.98	...
1864	Lincoln.....	Republican	2,216,067	41.94	216	1904	Watson....	People's....	114,753	.85	...
1868	Seymour.....	Democrat..	2,709,613	47.33	80	1904	Corrigan...	Soc. Lab....	33,724	.25	...
1868	Grant.....	Republican	3,015,071	52.67	214	1904	Holcomb....	Continental	830	.00	...
1872	Greeley.....	Democrat..	2,834,079	43.83	146	1908	Taft.....	Republican	7,679,006	51.58	321
1872	O'Connor.....	Ind. Dem..	29,408	.45	...	1908	Bryan.....	Democrat..	6,409,106	43.05	162
1872	Grant.....	Republican	3,567,070	56.63	232	1908	Chafln.....	Prohibition	252,683	1.69	...
1872	Black.....	Temperance	5,698	.09	...	1908	Debs.....	Socialist...	420,820	2.83	...
1876	Tilden.....	Democrat..	1,438,763	50.34	184	1908	Watson....	People's....	28,131	.19	...
1876	Hayes.....	Republican	4,033,950	47.95	185	1908	Ind'p'nt....	Ind'p'nt....	83,562	.56	...
1876	Cooper.....	Greenback..	81,740	.97	...	1908	Gillham....	Soc. Lab....	13,825	.10	...
1876	Smith.....	Prohibition	9,522	.11	...	1908	Turney.....	Untd. Chr..	461	.00	...
1876	Walker.....	American..	2,636	.03	...	1912	Wilson.....	Democrat..	6,292,599	41.56	454
1880	Hancock.....	Democrat..	4,442,035	49.28	155	1912	Roosevelt...	Progressive	4,190,101	27.67	69
1880	Garfield....	Republican	4,449,053	49.31	214	1912	Taft.....	Republican	3,481,632	23.00	8
1880	Weaver.....	Greenback..	307,306	3.34	...	1912	Debs.....	Socialist...	923,086	6.09	...
1880	Dow.....	Prohibition	10,487	.11	...	1912	Chafln.....	Prohibition	238,566	1.51	...
1880	Phelps.....	American..	707	.01	...	1912	Kelmer.....	Soc. Lab....	25,431	.17	...
1884	Cleveland....	Democrat..	4,911,017	48.89	219						

*Owing to the death of Mr. Greeley, the 66 electoral votes were variously cast. Thomas A. Hendricks received 42, B. Gratz Brown 18, Horace Greeley 3, Charles J. Jenkins 2, David Davis 1.

PARTY PLURALITIES AND TOTAL VOTE.

Plurality.					Plurality.				
Year.	Republican.	Democratic.	Total vote.		Year.	Republican.	Democratic.	Total vote.	
1828.....	138,134	1,156,328	1,294,462		1872.....	762,991	6,466,165	7,229,156	
1832.....	157,313	1,250,799	1,408,112		1876.....	250,935	8,412,733	9,663,668	
1836.....	24,893	1,498,205	1,523,098		1880.....	7,018	9,209,588	10,444,985	
1840.....	146,315*	2,410,778	2,557,093		1884.....	62,683	10,044,985	11,384,216	
1844.....	38,175	2,698,611	2,736,786		1888.....	95,713	11,384,216	12,064,767	
1848.....	139,557*	2,871,925	2,911,482		1892.....	363,612	13,827,212	13,970,134	
1852.....	220,796	3,138,301	3,359,097		1896.....	567,692	13,827,212	13,970,134	
1856.....	496,905	4,073,967	4,570,872		1900.....	861,459	13,827,212	13,970,134	
1860.....	491,195	4,676,863	5,168,058		1904.....	2,544,343	13,827,212	13,970,134	
1864.....	407,342	4,024,792	4,432,134		1908.....	1,269,900	114,887,594	116,155,494	
1868.....	305,458	5,724,684	6,030,142		1912.....	.....	.....	.....	

*Whig. †Includes 461 votes cast for United Christian Party.

JUL REVENUE LAW DECISION.

In accordance with a decision of the Illinois Supreme court in the case of the Toledo, St. Louis & Western railroad against the collector of Madison county in June, 1912, it was held by the legal departments of Chicago and Cook county that in making the tax levy sinking funds and bond issues must be included within the limitations of the July revenue law of 1909. When the law was passed it was presumed that money with which to pay

bonded indebtedness and interest could be paid outside the limitations placed upon tax levies by the measure, but this presumption, in the light of the decision referred to, was unwarranted. It was estimated by the city officials that the corporate revenue from taxes for 1912 was reduced \$3,701,682.51 as a result of the new interpretation of the law, and that many proposed improvements would have to be postponed.

SPEED ON TYPEWRITER.

At the national business show in New York, N. Y., Nov. 13, 1912, Miss Florence E. Wilson broke the record for speed on the typewriter by writing

at the rate of 116 words a minute for one hour. In an amateur contest Miss Margaret D. Owen also made an average of 116 words a minute.

HISTORICAL DATA AS TO STATES AND TERRITORIES.

STATE OR TERRITORY.	Admitted to the union.	Population, 1910.	Area, Sq. M.	Settled at	Date	By whom.	Rep. in cong.	Elec. total vote.
Alabama.....	Dec. 14, 1819.	2,138,093	51,998	Mobile.....	1702	French.....	10	12
Alaska Territory.....	July 27, 1868.	64,556	580,884	Sitka.....	1801	Russians.....	1	3
Arizona.....	Feb. 14, 1912.	204,354	113,656	Tucson.....	1550	Spaniards.....	1	3
Arkansas.....	June 15, 1836.	1,574,449	53,335	Arkansas Post.....	1825	French.....	7	9
California.....	Sept. 9, 1850.	2,377,549	158,297	San Diego.....	1769	Spaniards.....	11	13
Colorado.....	Aug. 1, 1876.	799,024	103,948	Near Denver.....	1858	Americans.....	4	6
Connecticut.....	*Jan. 9, 1788.	1,114,756	4,965	Windsor.....	1635	Puritans.....	5	7
Delaware.....	*Dec. 7, 1787.	202,322	2,370	Cape Henlopen.....	1627	Swedes.....	1	3
District of Columbia.....	July 16, 1790.	331,069	70	St. Augustine.....	1690	English.....	4	6
Florida.....	March 3, 1845.	752,619	58,696	Savannah.....	1733	Spaniards.....	12	14
Georgia.....	Jan. 2, 1788.	2,609,121	59,265	Agass.....	1733	Spaniards.....	1	3
Guam Colony.....	*Aug. 12, 1898.	9,000	150	Coeur d'Alene.....	1842	Americans.....	2	4
Hawaii Territory.....	*April 30, 1900.	191,909	6,449	Kaskaskia.....	1720	French.....	27	29
Idaho.....	July 3, 1890.	325,594	83,888	Vincennes.....	1730	Americans.....	13	15
Illinois.....	Dec. 3, 1818.	5,638,591	56,565	Burlington.....	1788	French.....	11	13
Indiana.....	Dec. 11, 1816.	2,700,876	36,351	Americans.....	1821	Americans.....	8	10
Iowa.....	March 3, 1845.	2,224,771	56,147	Leavenworth.....	1795	From Va.....	1	3
Kansas.....	Jan. 29, 1861.	1,390,049	46,365	Liberville.....	1699	French.....	8	10
Kentucky.....	Feb. 4, 1792.	2,289,905	40,598	Bristol.....	1624	English.....	4	6
Louisiana.....	April 8, 1812.	1,656,388	48,506	St. Mary's.....	1634	English.....	6	8
Maine.....	March 3, 1820.	742,371	33,040	Plymouth.....	1620	Puritans.....	16	18
Maryland.....	*April 28, 1788.	1,295,346	12,327	Near Detroit.....	1650	French.....	13	15
Massachusetts.....	*Feb. 6, 1788.	3,396,413	8,266	St. Peter's R.....	1805	Americans.....	10	12
Michigan.....	Jan. 26, 1837.	2,810,173	46,365	Natchez.....	1716	From S. C.....	8	10
Minnesota.....	May 11, 1858.	2,055,708	84,082	St. Louis.....	1764	French.....	16	18
Mississippi.....	Dec. 10, 1817.	1,377,111	46,365	Bellevue.....	1847	Americans.....	2	4
Missouri.....	March 18, 1820.	3,293,335	69,420	Genoa.....	1850	Americans.....	1	3
Montana.....	Nov. 8, 1889.	376,053	146,997	Portsmouth.....	1623	Puritans.....	2	4
Nebraska.....	March 1, 1867.	1,192,214	77,520	Bergen.....	1620	Swedes.....	12	14
Nevada.....	*Oct. 13, 1864.	81,875	110,690	Santa Fe.....	1597	Spaniards.....	43	45
New Hampshire.....	*June 21, 1788.	430,572	9,341	Manhattan Id.....	1614	Dutch.....	10	12
New Jersey.....	*Dec. 18, 1787.	2,587,167	8,224	Albany.....	1650	English.....	10	12
New Mexico.....	Jan. 1, 1912.	327,301	122,434	Pembina.....	1780	French.....	3	5
New York.....	*July 26, 1788.	9,113,614	49,201	Marietta.....	1788	Americans.....	22	24
North Carolina.....	*Nov. 21, 1789.	2,206,287	52,426	Providence.....	1636	English.....	7	9
North Dakota.....	Nov. 2, 1889.	577,056	70,837	Port Royal.....	1670	Huguenots.....	3	5
Ohio.....	Nov. 29, 1802.	4,767,121	41,040	Sioux Falls.....	1856	Americans.....	3	5
Oklahoma.....	Nov. 16, 1907.	1,657,155	70,057	St. Louis.....	1764	French.....	18	20
Oregon.....	Feb. 14, 1859.	672,765	96,689	St. Louis.....	1764	French.....	18	20
Pennsylvania.....	*Dec. 12, 1787.	7,665,111	45,126	Delaware R.....	1682	English.....	36	38
Philippines.....	*Nov. 28, 1898.	7,665,111	11,000	Manila.....	1570	Spaniards.....	1	3
Porto Rico.....	*Aug. 12, 1898.	1,118,012	3,435	Caparra.....	1510	Spaniards.....	1	3
Rhode Island.....	*May 29, 1790.	542,610	1,248	Providence.....	1636	English.....	7	9
South Carolina.....	*May 23, 1788.	1,515,400	30,989	Port Royal.....	1670	Huguenots.....	3	5
South Dakota.....	Nov. 2, 1889.	588,888	77,615	Sioux Falls.....	1856	Americans.....	3	5
Tennessee.....	June 1, 1796.	2,184,789	42,022	St. Louis.....	1764	French.....	18	20
Texas.....	Dec. 29, 1845.	3,896,542	265,896	Mataforda B.....	1686	French.....	18	20
Utah.....	Jan. 4, 1896.	373,551	84,990	Salt Lake City.....	1847	Americans.....	2	4
Vermont.....	Feb. 18, 1791.	255,856	9,564	St. Dunsmuir.....	1764	English.....	10	12
Virginia.....	*June 20, 1788.	2,061,612	42,927	Jamestown.....	1607	English.....	10	12
Washington.....	Nov. 11, 1889.	1,141,990	69,127	Astoria.....	1811	Americans.....	5	7
West Virginia.....	Dec. 20, 1862.	1,231,119	24,170	Wheeling.....	1774	English.....	6	8
Wisconsin.....	May 29, 1848.	2,323,860	56,066	Green Bay.....	1670	French.....	11	13
Wyoming.....	July 10, 1890.	145,531	97,914	Ft. Laramie.....	1834	Americans.....	1	3

*Ratified the constitution. †Organized as territory. ‡Delegate. §Signing of protocol relinquishing sovereignty. **Yielding sovereignty. Population in 1903. ††Commissioner.

Historians do not all agree as to some of the

dates in the above table. The dates given are from the statistical abstract of the United States published by the government and are well supported in all disputed cases.

UNITED STATES NAVAL GUNNERY COMPETITION.

The gunnery trophy for battle ships in 1912 was won by the Colorado and that for vessels of the torpedo class by the Monaghan. The following table shows the final merits at the autumn practice in 1911, the spring practice in 1912 and at the close of the fiscal year, June 30, 1912, of the first ten battle ships in the gunnery competition:

Rank, Ship.	Autumn.	Spring.	June 30.
1. Colorado.....	65.076	78.160	71.618
2. Delaware.....	62.551	60.316	51.433
3. New Hampshire.....	48.249	31.673	39.961
4. Michigan.....	30.787	47.791	39.239
5. Saratoga.....	50.444	24.514	37.479
6. South Carolina.....	45.191	22.245	33.718

Rank, Ship.	Autumn.	Spring.	June 30.
7. Maryland.....	29.462	32.494	30.978
8. North Dakota.....	22.393	39.388	30.891
9. Kansas.....	30.818	27.191	29.005
10. Louisiana.....	30.939	24.715	27.827

Final merits of first five vessels of the torpedo class:

Rank, Ship.	Autumn.	Spring.	June 30.
1. Monaghan.....	46.439	86.901	66.670
2. Lawrence.....	31.025	98.824	64.925
3. Trippe.....	25.660	88.384	57.022
4. Reld.....	73.911	37.485	55.698
5. Preston.....	60.884	48.946	54.915

GREAT AMERICAN FORTUNES.

An eastern financial writer in 1912 estimated that nine American multimillionaires possessed a combined fortune of \$3,000,000,000, divided as follows:

John D. Rockefeller.....	\$1,000,000,000
Andrew Carnegie.....	500,000,000
J. P. Morgan.....	300,000,000

William Rockefeller.....	250,000,000
George F. Baker.....	250,000,000
James B. Duke.....	200,000,000
James Stillman.....	200,000,000
Henry C. Frick.....	150,000,000
W. K. Vanderbilt.....	150,000,000

PAST-POLITICAL COMPLEXION OF THE STATES.

R., republican; W., whig; D., democratic; U., union; A., American; A. M., anti-Masonic; N. R., national republican; P., populist; Pr., Progressive.

STATE.	1828.	1832.	1836.	1840.	1844.	1848.	1852.	1856.	1860.	1864.	1868.	1872.	1876.	1880.	1884.	1888.	1892.	1896.	1900.	1904.	1908.	1912.
Alabama.....	D.	D.	D.	D.	D.	D.	D.	D.	D.	....	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Arizona.....	....	....	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Arkansas.....	....	....	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
California.....	....	....	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Colorado.....	....	....	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Connecticut.....	R.	N. R.	D.	W.	W.	W.	D.	R.	R.	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Delaware.....	R.	N. R.	W.	W.	W.	W.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Florida.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Georgia.....	D.	D.	W.	W.	D.	W.	D.	D.	D.	....	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Idaho.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Illinois.....	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Indiana.....	D.	D.	D.	W.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Iowa.....	....	....	....	....	....	....	....	....	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Kansas.....	....	....	....	....	....	....	....	....	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Kentucky.....	D.	N. R.	W.	W.	W.	W.	W.	D.	U.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Louisiana.....	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Maine.....	R.	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Maryland.....	R.	N. R.	W.	W.	W.	W.	D.	A.	D.	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Massachusetts.....	R.	N. R.	W.	W.	W.	W.	W.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Michigan.....	....	....	D.	W.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Minnesota.....	D.	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Mississippi.....	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Missouri.....	D.	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Montana.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nebraska.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nevada.....	R.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
New Hampshire.....	R.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
New Jersey.....	R.	D.	W.	W.	W.	W.	D.	D.	R.	D.	D.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
New Mexico.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New York.....	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	D.	R.	D.	R.	D.	R.	D.	R.	D.	D.
North Carolina.....	D.	D.	D.	W.	W.	W.	D.	D.	D.	D.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
North Dakota.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ohio.....	D.	D.	W.	W.	W.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Oklahoma.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Oregon.....	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Pennsylvania.....	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Rhode Island.....	R.	N. R.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
South Carolina.....	D.	W.	D.	D.	D.	D.	D.	D.	D.	....	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
South Dakota.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tennessee.....	D.	D.	W.	W.	W.	W.	W.	D.	U.	....	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Texas.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Utah.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Vermont.....	R.	A. M.	D.	W.	W.	W.	W.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Virginia.....	D.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Washington.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
West Virginia.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wisconsin.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wyoming.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

In five states in 1892 the electoral vote was divided: California gave 8 electoral votes for Cleveland and 1 for Harrison and Ohio gave 1 for Cleveland and 22 for Harrison; in Michigan, by act of the legislature, each congressional district voted separately for an elector; in Oregon 1 of the 4 candidates for electors on the people's party ticket was also on the democratic ticket; in North Dakota 1 of the 2 people's party electors cast his vote

for Cleveland, this causing the electoral vote of the state to be equally divided among Cleveland, Harrison and Weaver. In 1896 California gave 8 electoral votes to McKinley and 1 to Bryan; Kentucky gave 12 to McKinley and 1 to Bryan. In Maryland in 1904 7 of the presidential electors chosen were democrats and 1 republican. In 1908 Maryland elected 6 democratic and 2 republican electors. In 1912 California elected 11 progressive and 2 democratic electors.

PARTY LINES IN CONGRESS SINCE 1831.

CONGRESS.	Years.	SENATE.			HOUSE.			CONGRESS.	Years.	SENATE.			HOUSE.		
		Rep.	Dem.	Ind.	Rep.	Dem.	Ind.			Rep.	Dem.	Ind.	Rep.	Dem.	Ind.
47th.....	1881-1883	37	38	1	146	138	10	56th.....	1899-1901	53	26	11	185	163	9
48th.....	1883-1885	40	36	1	124	138	1	57th.....	1901-1903	56	29	3	198	153	5
49th.....	1885-1887	42	34	1	120	204	1	58th.....	1903-1905	58	32	1	206	174	2
50th.....	1887-1889	39	37	1	153	168	4	59th.....	1905-1907	58	32	1	250	136	1
51st.....	1889-1891	39	37	1	166	159	1	60th.....	1907-1909	61	31	1	222	164	1
52d.....	1891-1893	47	39	2	88	236	8	61st.....	1909-1911	60	32	1	219	172	1
53d.....	1893-1895	38	44	3	126	220	8	62d.....	1911-1913	51	41	1	162	238	1
54th.....	1895-1897	42	39	5	246	104	7	63d.....	1913-1915	42	52	1	143	230	1
55th.....	1897-1899	46	34	10	206	134	16								

*Socialist, †In doubt. Figures in table are for beginning of each congress.

BANK CLEARINGS IN THE UNITED STATES.

Year.	Clearings.	Year.	Clearings.	Year.	Clearings.	Year.	Clearings.
1903.....	\$113,963,298,913	1906.....	157,681,259,999	1908.....	126,238,694,398	1910.....	168,986,654,000
1904.....	102,356,435,047	1907.....	154,476,830,537	1909.....	158,877,192,100	1911.....	159,879,460,000
1905.....	140,501,841,957						

Election Returns.

POPULAR VOTE FOR PRESIDENT (1912).

STATE.	Dem. Wilson.	Prog. Roosevelt.	Rep. Taft.	Soc. Debs.	Pro. Chafin.	S. L. Reimst.	Dem. Plu- rality's.	Prog. Plu- rality's.	Rep. Plu- rality's.	Total vote.
Alabama.....	82,498	22,690	9,732	3,039	.....	.....	59,758	.....	.....	117,879
Arizona.....	100,174	6,881	2,975	5,139	.....	.....	93,361	.....	.....	23,501
Arkansas.....	68,388	21,673	24,467	3,368	.....	.....	44,371	.....	.....	124,023
California.....	283,436	283,610	2,547	79,201	23,366	.....	.....	174	.....	672,460
Colorado.....	114,074	72,306	58,386	16,418	5,063	475	41,708	.....	.....	266,722
Connecticut.....	74,561	34,129	68,324	10,056	2,068	.....	6,237	.....	.....	189,138
Delaware.....	22,631	8,887	13,000	556	623	.....	9,631	.....	.....	45,697
Florida.....	35,313	4,535	4,279	4,806	1,854	.....	30,537	.....	.....	50,817
Georgia.....	93,176	21,980	5,191	1,028	149	.....	71,196	.....	.....	121,524
Idaho.....	54,025	25,347	32,874	11,369	1,540	.....	1,151	.....	.....	105,965
Illinois.....	405,048	339,738	24,538	8,273	5,460	4,063	18,579	.....	.....	1,146,173
Indiana.....	281,890	162,007	151,267	36,931	19,248	3,130	119,853	.....	.....	654,473
Iowa.....	185,325	161,819	119,805	16,967	8,440	.....	23,506	.....	.....	492,556
Kansas.....	143,670	120,123	74,844	26,807	.....	.....	23,547	.....	.....	365,444
Kentucky.....	219,534	102,706	115,512	11,647	3,233	956	104,072	.....	.....	453,698
Louisiana.....	60,906	9,323	3,834	5,199	.....	.....	51,643	.....	.....	79,315
Maine.....	51,113	48,493	26,545	2,541	944	.....	2,620	.....	.....	129,635
Maryland.....	112,675	57,739	54,956	3,306	2,244	522	54,885	.....	.....	231,351
Massachusetts.....	173,408	142,228	155,948	12,616	2,754	1,102	7,460	.....	.....	488,065
Michigan.....	150,751	214,584	152,244	23,211	8,974	1,252	.....	62,340	.....	551,016
Minnesota.....	106,426	125,856	64,334	27,505	7,886	2,212	.....	19,430	.....	334,219
Mississippi.....	57,164	3,627	1,511	2,017	.....	.....	53,537	.....	.....	64,319
Missouri.....	330,746	123,071	207,821	53,080	28,466	1,778	122,925	.....	.....	744,962
Montana.....	38,129	22,698	18,575	10,893	.....	.....	5,441	.....	.....	80,285
Nebraska.....	109,109	72,776	54,348	10,219	3,419	.....	36,333	.....	.....	249,571
Nevada.....	8,015	5,290	3,205	5,300	.....	.....	2,735	.....	.....	19,253
New Hampshire.....	44,724	17,794	32,927	1,681	535	.....	1,307	.....	.....	87,961
New Jersey.....	178,232	145,409	88,834	15,900	2,875	1,322	32,873	.....	.....	432,622
New Mexico.....	20,437	8,347	17,733	2,859	.....	.....	2,704	.....	.....	49,376
New York.....	655,475	390,021	455,428	63,381	19,427	4,251	200,047	.....	.....	1,587,983
North Carolina.....	144,507	69,139	29,130	1,025	117	.....	75,377	.....	.....	243,918
North Dakota.....	29,555	25,726	23,040	6,996	1,243	1,252	3,829	.....	.....	86,580
Ohio.....	423,152	299,327	277,066	89,930	11,459	2,623	123,825	.....	.....	1,108,559
Oklahoma.....	119,156	30,786	42,132	2,185	.....	.....	28,570	.....	.....	254,289
Oregon.....	47,004	37,600	34,573	13,213	4,380	.....	9,464	.....	.....	136,910
Pennsylvania.....	395,619	447,426	273,305	80,915	19,533	704	.....	51,807	.....	1,217,502
Rhode Island.....	30,412	16,878	27,703	2,049	616	236	2,709	.....	.....	77,894
South Carolina.....	48,357	1,293	536	.....	.....	.....	47,164	.....	.....	50,350
South Dakota.....	48,942	58,811	.....	4,602	3,910	.....	.....	9,869	.....	116,325
Tennessee.....	130,335	53,725	59,444	3,432	825	.....	70,891	.....	.....	247,821
Texas.....	221,345	26,740	28,668	25,749	1,738	430	192,677	.....	.....	304,670
Utah.....	36,579	24,174	42,100	9,073	.....	.....	.....	5,521	.....	111,526
Vermont.....	15,354	22,132	24,332	328	1,002	.....	.....	1,300	.....	62,838
Virginia.....	90,332	21,777	23,288	820	709	50	67,044	.....	.....	136,976
Washington.....	87,674	111,977	71,252	39,555	7,467	.....	.....	24,303	.....	317,325
West Virginia.....	113,046	78,977	56,667	15,336	4,354	.....	34,069	.....	.....	286,980
Wisconsin.....	164,228	62,460	130,625	33,481	8,588	522	33,533	.....	.....	339,972
Wyoming.....	15,310	9,232	14,560	2,760	454	.....	750	.....	.....	42,296
Total.....	6,292,599	4,190,101	3,481,632	923,086	228,566	25,431	1,832,222	167,923	6,721	15,141,415
Plurality.....	2,102,438	.....	.....	.....	.....	.....	.....	.....	.....	.....

*In California the electoral vote was split, the progressives getting eleven and the democrats two. The highest progressive elector received 174 more votes than the highest democratic electors. †Okla-

homa had no progressive ticket, though it was generally understood that the republican electors favored Roosevelt. ‡There were no republican electors on the official ballot in South Dakota.

ALABAMA (Population in 1910, 2,138,093).

COUNTIES.				—PRESIDENT 1912—				—PRES. '08—				Population.		Wilson Roosevelt Taft Debs				Bryan		Taft	
(67)				Dem.	Prog.	Rep.	Soc.	Dem.	Prog.	Rep.	Soc.										
Population	1910.			Wilson	Roosevelt	Taft	Debs	Bryan	Taft												
20088	Autauga.....	622	127	42	56..	655	97	.....	.....	32124	Covington.....	1251	147	110	193..	1054	315	.....	.....	.....	.....
18178	Baldwin.....	623	141	37	125..	439	107	.....	.....	23313	Crenshaw.....	286	127	47	7..	1100	311	.....	.....	.....	.....
32728	Barbour.....	1155	88	18	17..	1303	43	.....	.....	28321	Cullman.....	1230	1374	264	27..	1239	1521	.....	.....	.....	.....
22791	Bibb.....	830	178	40	105..	670	139	.....	.....	21573	Dale.....	1059	443	99	8..	921	346	.....	.....	.....	.....
24246	Blount.....	1121	580	567	83..	1133	973	.....	.....	58401	Dallas.....	1461	18	16	16..	1420	28	.....	.....	.....	.....
30196	Bullock.....	736	2	4	.....	782	10	.....	.....	28251	DeKalb.....	1152	167	81	10..	1063	138	.....	.....	.....	.....
29030	Butler.....	903	80	86	19..	727	137	.....	.....	18889	Escambia.....	829	74	52	13..	614	112	.....	.....	.....	.....
39115	Calhoun.....	1666	423	238	32..	1438	570	.....	.....	33019	Etowah.....	1511	887	354	144..	1309	966	.....	.....	.....	.....
36956	Chambers.....	1486	113	28	9..	1025	50	.....	.....	16248	Fayette.....	762	306	433	20..	731	678	.....	.....	.....	.....
20226	Cherokee.....	814	799	88	47..	712	602	.....	.....	19369	Franklin.....	849	570	309	75..	650	652	.....	.....	.....	.....
23187	Chilton.....	880	1154	140	72..	656	891	.....	.....	26230	Geneva.....	891	511	39	37..	854	501	.....	.....	.....	.....
18438	Choctaw.....	830	67	40	105..	670	139	.....	.....	22717	Greene.....	418	4	4	.....	423	12	.....	.....	.....	.....
33387	Clarke.....	1024	12	13	25..	1169	56	.....	.....	29434	Henry.....	711	153	47	26..	723	79	.....	.....	.....	.....
21006	Clay.....	1109	939	64	2..	863	594	.....	.....	32414	Houston.....	1169	366	82	45..	965	242	.....	.....	.....	.....
13385	Cleburne.....	691	510	134	2..	278	344	.....	.....	32918	Jackson.....	1597	406	229	23..	1404	469	.....	.....	.....	.....
26119	Coffee.....	1277	395	68	67..	1305	341	.....	.....	32647	Jefferson.....	8887	2034	706	612..	7803	2182	.....	.....	.....	.....
24822	Colbert.....	946	242	228	79..	849	352	.....	.....	27487	Lamar.....	.....	.....	.....	.....	839	163	.....	.....	.....	.....
21433	Conecuh.....	802	103	60	26..	651	111	.....	.....	30936	Lauderdale.....	1386	397	263	72..	1177	427	.....	.....	.....	.....
16634	Coosa.....	703	317	109	17..	717	447	.....	.....	21984	Lawrence.....	643	361	193	32..	602	344	.....	.....	.....	.....

Population.	Wilson	Roosevelt	Taft	Debs	Bryan	Taft
22867 Lee	1179	43	43	60	1126	238
16880 Limestone.....	1012	83	90	34	1188	238
31894 Lowndes.....	583	10	7	4	653	95
29049 Macon.....	647	23	24	4	452	38
47041 Madison.....	2146	357	150	91	2168	277
32923 Marengo.....	1386	20	9	1	1333	78
17495 Marion.....	1098	205	378	7	1100	589
28553 Marshall.....	1457	1184	428	24	1313	925
80854 Mobile.....	3009	445	140	168	2422	447
27155 Monroe.....	878	21	2	3	856	18
82178 Montgomery.....	3047	151	43	17	2621	79
20715 Morgan.....	647	382	24	82	1546	494
31222 Perry.....	731	81	3	14	776	12
25055 Pickens.....	815	73	22	16	816	69
30815 Pike.....	1253	48	13	5	1507	39
24659 Randolph.....	1177	366	263	—	799	395
29567 Russell.....	1553	55	4	22	516	33
26949 Shelby.....	1181	1233	201	42	820	781
20715 St. Clair.....	787	687	260	75	1100	1231
28639 Sumter.....	101	2	9	10	719	5
37921 Talladega.....	1312	336	111	1	1010	351
31034 Tallapoosa.....	1586	151	84	22	1343	104
47559 Tuscaloosa.....	1685	158	87	49	1729	168
37013 Walker.....	2063	504	881	127	1832	1367
14454 Washington.....	405	18	14	12	464	40
35810 Wilcox.....	878	7	7	6	1027	92
12855 Winston.....	508	893	292	7	443	949
Total.....	51622	25530	9671	3019	74574	25308
Plurality.....	59102				49036	
Per cent.....	69.37	19.27	8.28	2.58	71.32	24.47
Total vote.....	118832				103869	

For president in 1908 Debs, Soc., received 1,309 votes.

FOR REPRESENTATIVES IN CONGRESS, 1912.
 At Large—John W. Abercrombie, Dem.....86,662
 Asa E. Stratton, Rep.....9,548
 J. C. Maxwell, Soc.....2,535

- The counties of Choctaw, Clarke, Marengo, Mobile, Monroe and Washington.
 George W. Taylor, Dem.....9,939
 W. M. Doyle, Soc.....213
- The counties of Baldwin, Butler, Conecuh, Covington, Crenshaw, Escambia, Montgomery, Pike and Wilcox.
 S. H. Dent, Jr., Dem.....11,197
- The counties of Barbour, Bullock, Coffee, Dale, Geneva, Henry, Houston, Lee and Russell.
 Henry D. Clayton, Dem.....11,225
- The counties of Calhoun, Chilton, Cleburne, Dallas, Shelby and Talladega.
 Fred L. Blackmon, Dem.....7,740
 A. P. Longshore, Prog.....3,060
 W. H. Sturdivant, Rep.....693
- The counties of Autauga, Chambers, Clay, Coosa, Elmore, Lowndes, Macon, Randolph and Tallapoosa.
 J. Thomas Heflin, Dem.....10,210
- The counties of Fayette, Greene, Lamar, Marion, Hale, Pickens, Sumter, Tuscaloosa and Walker.
 Richmond P. Hobson, Dem.....9,156
 Charles P. Lunsford, Rep.....2,174
- The counties of Cherokee, Cullman, DeKalb, Etowah, Franklin, Marshall, St. Clair and Winston.
 J. L. Burnett, Dem.....9,770
 J. Sumter Cogswell, Prog.....5,462
 John J. Stephens, Rep.....2,711
- The counties of Colbert, Jackson, Lauderdale, Lawrence, Limestone, Madison and Morgan.
 William Richardson, Dem.....10,753
 William E. Hotchkiss, Rep.....1,160
 W. L. Conner, Soc.....245
- The counties of Bibb, Blount, Jefferson and Perry.
 O. W. Underwood, Dem.....12,584
 Frederick B. Parker, Rep.....1,598

LEGISLATURE.	Senate.	House.	J. B.
Democrats.....	34	103	137
Republicans.....	1	4	5

STATE OFFICERS. (All democrats.)
 Governor—Emmett O'Neal.
 Lieutenant-Governor—Walter D. Seed.
 Attorney-General—R. C. Brickell.
 Secretary of State—Cyrus B. Brown.
 State Auditor—C. Brooks Smith.
 State Treasurer—John Purifoy.
 Superintendent of Education—Henry J. Willingham.
 Commissioner of Agricult. and Industries—R. F. Kolb.

ARIZONA (Population in 1910, 204,354).

Population in 1910.	COUNTIES.					PRESIDENT 1912.					Pro. Chas.
	Wilson	Rep. Taft	Prog. Roosevelt	Soc. Debs	Chas. Bryan	Wilson	Rep. Taft	Prog. Roosevelt	Soc. Debs	Chas. Bryan	
9196 Apache.....	106	58	81	10	1						
34321 Cochise.....	1947	379	1405	815	20						
8130 Coconino.....	338	254	172	85	3						
16780 Gila.....	714	235	581	505	9						
23547 Graham.....	534	38	242	153	5						
Greenlee (new).....	587	103	283	111	2						
34488 Maricopa.....	2589	633	1800	466	122						
37373 Mohave.....	319	74	220	188	4						
11491 Navajo.....	286	161	229	40	6						
22819 Pima.....	686	358	620	107	23						
9045 Pinal.....	351	77	306	87	1						
7676 Santa Cruz.....	247	55	125	37	1						
15996 Yavapai.....	988	452	524	355	19						
7733 Yuma.....	422	88	358	186	5						
Total.....	10174	2975	6881	3139	222						
Plurality.....	3293										
Per cent.....	45.49	12.73	29.42	13.42	9.5						
Total vote.....	23391										

FOR REPRESENTATIVES IN CONGRESS, 1912.
 Carl Hayden, Dem.....11,359
 Thomas E. Campbell, Rep.....3,110
 R. S. Fisher, Prog.....5,819
 Mr. Smith, Soc.....3,034
 Mr. Gibson, Pro.....193

LEGISLATURE.	Senate.	House.	J. B.
Democrats.....	15	30	45
Republicans.....	4	5	9

STATE OFFICERS. (All democrats.)
 Governor—G. W. P. Hunt.
 Secretary—S. P. Osborn.
 Auditor—J. C. Callaghan.
 Treasurer—D. Callahan.

ARKANSAS (Population in 1910, 1,574,449).

Population in 1910.	COUNTIES.					PRESIDENT 1912.					Pro. Soc.
	Wilson	Rep. Taft	Prog. Roosevelt	Soc. Debs	Chas. Bryan	Wilson	Rep. Taft	Prog. Roosevelt	Soc. Debs	Chas. Bryan	
16163 Arkansas.....	869	249	305	46							
26268 Ashley.....	1039	439	546	82							
10389 Baxter.....	596	142	176	142							
33389 Benton.....	2353	541	680	286							
14318 Boone.....	965	280	276	81							
14518 Bradley.....	772	137	177	101							
9834 Calhoun.....	438	72	147	109							
16823 Carroll.....	919	464	356	122							
21987 Chicot.....	419	89	308	22							
23038 Clark.....	1051	376	262	36							
23690 Clay.....	1249	622	358	218							
11903 Cleburne.....	517	138	118	127							
13481 Cleveland.....	685	275	98	33							
23820 Columbia.....	1101	340	157	42							
27229 Conway.....	1435	527	364	53							
27627 Craighead.....	1259	289	229	297							
23942 Crawford.....	969	467	423	81							
22447 Crittenden.....	423	89	285	—							
14042 Cross.....	654	263	284	79							
12621 Dallas.....	654	224	406	28							
15274 Desha.....	314	52	161	13							
21960 Drew.....	882	424	194	43							
23708 Faulkner.....	1316	402	284	111							
20638 Franklin.....	1113	258	194	184							
12133 Fulton.....	590	153	235	45							
27271 Garland.....	1046	300	533	148							
9425 Grant.....	140	110	47	25							
28552 Greene.....	1251	286	239	289							
28285 Hempstead.....	1243	386	438	62							
15022 Hot Springs.....	668	248	247	42							
16888 Howard.....	760	321	187	66							
24776 Independence.....	1225	412	395	168							
14561 Iard.....	746	215	137	52							
25361 Jackson.....	837	543	159	161							
52734 Jefferson.....	926	579	753	146							
19638 Johnson.....	926	189	236	10							
13741 Lafayette.....	498	208	165	101							
20001 Lawrence.....	929	218	167	125							
24252 Lee.....	968	665	194	15							
15118 Lincoln.....	390	292	152	86							
13367 Little River.....	615	232	87	101							
26350 Logan.....	1319	333	765	149							
27983 Lonoke.....	112	254	425	71							
16056 Madison.....	932	78	21	71							
10203 Marion.....	537	160	145	157							
19555 Miller.....	846	331	195	106							
30468 Mississippi.....	767	263	183	87							
19407 Monroe.....	537	400	201	76							
12455 Montgomery.....	471	221	202	137							
18944 Nevada.....	607	322	268	93							

Population.	Wilson	Taft	Roosevelt	Debs
10612 Newton.....	290	285	247	74
21774 Ouchita.....	913	793	131	38
9402 Perry.....	522	263	216	64
35335 Phillips.....	603	331	158	32
12565 Pike.....	593	205	157	126
12791 Polinsett.....	694	162	409	197
17216 Polk.....	1517	334	556	134
24527 Pope.....	617	377	103	60
13853 Prairie.....	1044	104	1547	60
86751 Pulaski.....	5369	293	173	130
13887 Randolph.....	814	164	140	65
16857 Saline.....	640	206	225	170
14502 Scott.....	438	389	180	111
14325 Searcy.....	2395	514	748	445
52278 Sebastian.....	792	173	166	183
16616 Sevier.....	681	114	194	71
11688 Sharp.....	565	296	273	65
22543 St. Francis.....	321	113	40	70
8946 Stone.....	1083	153	135	106
20723 Union.....	675	254	266	80
23509 Van Buren.....	1381	565	552	159
33383 Washington.....	1448	370	481	208
18374 White.....	903	473	258	65
30049 Woodruff.....	1461	426	438	263
26323 Yell.....				
Total.....	68838	24467	21673	8153
Plurality.....	44371			
Per cent.....	55.50	19.73	17.48	6.58
Tot. vote.....		124029		

For president in 1912 Chafin, Pro., received 898 votes. For president in 1908 Bryan, Dem., received 87,015 votes; Taft, Rep., 56,760 and Debs, Soc., 5,842.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Clay, Craighead, Crittenden, Cross, Greene, Lee, Mississippi, Phillips, Polinsett, St. Francis and Woodruff.	
T. H. Caraway, Dem.....	15,036
2. Counties of Stone, Sharp, Randolph, Lawrence, Fulton, Izard, Independence, White, Cleburne, Jackson, Prairie and Monroe.	
W. A. Oldfield, Dem.....	11,880
G. W. Wells, Rep.....	4,283
3. Counties of Washington, Benton, Madison, Carroll, Newton, Boone, Searcy, Baxter, Marion and Van Buren.	
John C. Floyd, Dem.....	10,849
J. F. Carlton, Rep.....	5,924
4. Counties of Crawford, Logan, Sebastian, Scott, Polk, Sevier, Howard, Pike, Little River, Miller and Montgomery.	
Otis T. Wingo, Dem.....	11,680
J. O. Livesey, Rep.....	5,601
5. Counties of Franklin, Johnson, Pope, Yell, Conway, Faulkner, Perry and Pulaski.	
H. M. Jaekway, Dem.....	13,433
A. C. Remmel, Rep.....	5,899
6. Counties of Desha, Garland, Hot Springs, Drew, Jefferson, Arkansas and Lonoke.	
Samuel M. Taylor, Dem.....	15,879
7. Counties of Hempstead, Clark, Nevada, Columbia, Union, Ouachita, Calhoun, Bradley, Ashley, Chicot and Lafayette.	
W. S. Goodwin, Dem.....	10,956
Patrick McNally, Rep.....	4,824

LEGISLATURE. Senate. House. J. B.

Democrats.....	34	96	130
Republicans.....	1	4	5

STATE OFFICERS. (All democrats.)

Governor—Joe T. Robinson.
 Secretary of State—Earle W. Hodges.
 Auditor—John M. Othum.
 Treasurer—John W. Crockett.
 Attorney General—William L. Moose.
 Superintendent Public Instruction—George B. Cook.

CALIFORNIA (Population in 1910, 2,377,549).

COUNTIES.	PRESIDENT 1912			
(58)	Prog. Dem.	Soc. Pro.	Rep.	Taft
246131 Alameda.....	31542	24418	9332	1160
309 Alpine.....	36	34	2	8
9086 Amador.....	684	1822	135	57
27301 Butte.....	5365	4028	930	439
9171 Calaveras.....	750	1589	399	66
7732 Colusa.....	810	1769	111	84
31674 Contra Costa.....	3559	3290	1300	181

Population.	Roosevelt	Wilson	Debs	Chafin	Taft
2417 Del Norte.....	376	323	104	40	16
7492 El Dorado.....	775	1615	273	49	16
75657 Fresno.....	8839	839	238	590	93
7172 Glenn.....	906	1325	126	67	11
33857 Humboldt.....	3909	2887	1741	177	94
13591 Imperial.....	1420	1295	446	193	13
6974 Inyo.....	431	806	305	77	8
37715 Kern.....	3647	5569	1900	182	64
10390 Kings.....	1419	1967	406	156	—
5259 Lake.....	649	1116	296	127	—
4802 Lassen.....	559	64	148	34	26
504131 Los Angeles.....	75593	55110	19895	8190	1085
8368 Madera.....	943	1154	236	89	1
25114 Marin.....	2750	2849	733	68	—
3956 Mariposa.....	306	689	138	17	20
23329 Mendocino.....	2237	2507	752	141	11
15148 Modoc.....	1571	1978	447	228	14
6191 Modoc.....	608	941	110	45	1
2042 Mono.....	106	182	67	11	3
24140 Monterey.....	3081	3392	557	301	1
19800 Napa.....	2432	2662	478	126	—
14955 Nevada.....	1381	1851	648	111	23
34436 Orange.....	5143	4106	896	852	121
18237 Placer.....	1913	1823	481	125	15
6259 Plumas.....	762	742	260	10	11
34366 Rivers.....	5146	2843	1036	834	122
67806 Sacramento.....	7534	9839	1553	213	96
8041 San Benito.....	1054	1233	179	74	13
56706 San Bernardino.....	6202	5835	1901	1233	172
61665 San Diego.....	7922	9731	2873	1139	63
416912 San Francisco.....	38610	48953	12354	1158	94
50731 San Joaquin.....	4314	7369	995	426	36
13383 San Luis Obispo.....	2673	2248	704	214	13
25585 Santa Clara.....	2835	3246	877	80	7
27738 Santa Barbara.....	3956	2819	619	357	69
83539 Santa Clara.....	10888	9173	2068	824	175
26140 Santa Cruz.....	3059	2875	892	323	3
18920 Shasta.....	1636	2040	938	54	16
4098 Sierra.....	433	515	133	13	10
18891 Siskiyou.....	1740	2465	633	104	29
27559 Solano.....	5353	3650	751	169	40
4896 Sonoma.....	4806	5340	1494	307	32
22522 Stanislaus.....	3143	3127	749	884	17
6328 Sutter.....	846	1083	79	65	5
11401 Tehama.....	1218	1595	388	168	13
3301 Trinity.....	343	461	182	9	1
35440 Tulare.....	4233	4293	1233	265	73
9979 Tuolumne.....	755	1459	363	38	8
18347 Ventura.....	2055	2108	426	169	73
13329 Yolo.....	1332	2239	301	113	2
10042 Yuba.....	1132	1242	186	84	17
Total.....	283610	283436	79201	23366	2847
Plurality.....		174			
Per cent.....		42.18	42.15	11.78	3.47
Tot. vote.....		672460			

For president in 1912 Roosevelt, Prog., received 11 electoral votes and Wilson, Dem., 2.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Del Norte, Humboldt, Mendocino, Glenn, Butte, Lake, Colusa, Yuba, Sutter, Sonoma and Marin.	
William Kent, Prog.....	20,341
Edward H. Hart, Rep.....	10,585
I. G. Zumwalt, Dem.....	18,756
Joseph Bredeesteen, Soc.....	4,892
2. Counties of Modoc, Siskiyou, Trinity, Shasta, Lassen, Tehama, Plumas, Sierra, Nevada, Placer, El Dorado, Amador, Calaveras, Alpine, Tuolumne and Mariposa.	
John E. Raker, Dem.....	23,467
Frank M. Rutherford, Rep.....	10,173
J. C. Williams, Soc.....	3,813
3. Counties of Yolo, Napa, Sacramento, Solano, Contra Costa and San Joaquin.	
C. F. Curry, Rep.....	31,060
Gilbert McMillan Ross, Dem.....	15,197
William L. Wilson, Soc.....	6,522
4. San Francisco (part).	
Jerull Kahn, Rep.....	25,515
Bert Schlesinger, Dem.....	14,884
N. W. Pendleton, Soc.....	5,090
5. San Francisco (part).	
John I. Nolan, Rep.....	27,902
Stephen V. Costello, Dem.....	18,516
E. L. Reguin, Soc.....	6,962
6. County of Alameda.	
James R. Knowland, Rep.....	35,219
Hiram A. Lattrell, Dem.....	4,135
J. Stitt Wilson, Soc.....	26,234

7. Counties of Stanislaus, Merced, Madera, Fresno, Kings, Tulare and Kern.
 Denver S. Church, Dem. 23,752
 James C. Needham, Rep. 22,994
 J. S. Cato, Soc. 7,171

8. Counties of San Mateo, Santa Cruz, Santa Clara, San Benito, Monterey, San Luis Obispo, Santa Barbara and Ventura.
 E. Veris A. Hayes, Rep. 29,261
 James B. Holohan, Dem. 20,620
 Robert Whitaker, Soc. 8,125

9. Los Angeles (part).
 Charles W. Bell, Rep. 28,845
 Thomas H. Kirk, Dem. 14,571
 Ralph R. Criswell, Soc. 11,123

10. Los Angeles (part).
 William D. Stephens, Rep. 43,637
 George Ringo, Dem. 17,890
 Fred C. Wheeler, Soc. 17,126
 E. D. Martindale, Pro. 2,995

11. Counties of San Bernardino, Mono, Inyo, Riverside, Orange, San Diego and Imperial.
 William Kettner, Dem. 24,882
 Samuel C. Evans, Rep. 21,426
 Noble A. Richardson, Soc. 7,059

- LEGISLATURE. Senate. House. J. B.
 Republicans 4 9 13
 Progressives 26 45 71
 Democrats 10 25 35
 Socialist 1 1 1

- STATE OFFICERS. (All republicans.)
 Governor—Hiram W. Johnson.
 Lieutenant-Governor—Albert J. Wallace.
 Secretary of State—Frank O. Jordan.
 Treasurer—E. D. Roberts.
 Comptroller—A. B. Nye.
 Adjutant-General—E. A. Forbes.
 Attorney-General—U. S. Webb.
 Superintendent of Education—E. C. Hyatt.

COLORADO (Population in 1910, 799,024).

Population in 1910.	COUNTIES. (50)	PRESIDENT 1912						
		Dem.	Rep.	Pro.	Soc.	Pro.	S. L.	
		Wilson Roosevelt	Taft	Debs	Chafin	Reimer		
8892	Adams.....	1512	942	398	137	32	2	2
10363	Arapahoe.....	1244	455	267	40	1	1	1
5302	Archuleta.....	609	334	196	36	11	4	3
2516	Baca.....	430	241	318	111	25	1	1
5043	Bent.....	750	680	420	38	56	6	6
30330	Boulder.....	4330	2469	2445	918	453	5	5
7622	Chaffee.....	1611	693	723	282	56	1	1
3687	Cheyenne.....	507	414	237	148	35	1	1
5001	Clear Creek.....	1156	243	469	65	22	3	3
11285	Conejos.....	2147	606	1587	225	32	22	22
5498	Costilla.....	567	234	1072	71	33	—	—
	Crowley (new)	719	356	467	60	44	1	1
1947	Custer.....	510	109	347	19	6	1	1
13638	Delta.....	1808	1523	803	560	194	3	3
218381	Denver.....	26690	21657	8155	2750	555	209	209
642	Dolores.....	124	28	45	34	—	—	—
3192	Douglas.....	619	280	373	80	9	1	1
2865	Eagle.....	727	234	358	141	8	—	—
5331	Elbert.....	757	630	496	121	41	3	3
4321	El Paso.....	5559	5332	2816	928	394	17	17
18181	Fremont.....	2823	1624	1846	476	166	10	10
10114	Garfield.....	1366	880	824	317	76	2	2
4131	Gilpin.....	931	222	443	54	12	—	—
1862	Grand.....	507	178	248	18	6	5	5
5897	Gunnison.....	1206	357	553	156	21	8	8
646	Hinsdale.....	157	27	136	32	—	—	—
13329	Huerfano.....	1277	280	2814	64	26	3	3
1013	Hutchinson.....	242	34	218	10	6	—	—
14231	Jefferson.....	2309	1650	1011	307	79	1	1
2899	Kiowa.....	638	480	273	62	37	—	—
7483	Kit Carson.....	719	708	569	223	49	1	1
10600	Lake.....	1933	864	966	427	20	4	4
10812	La Plata.....	1775	647	692	370	73	3	3
25270	Larimer.....	2567	1651	1932	546	401	24	24
38343	Las Animas.....	3604	1461	4518	386	73	6	6
4917	Lincoln.....	795	735	634	76	70	10	10
9549	Logan.....	1338	1090	664	125	73	1	1
22197	Mesa.....	2733	2723	976	1131	250	11	11
1239	Mineral.....	286	68	186	97	5	1	1
	Moffat (new).	409	185	294	32	16	1	1
5029	Montezuma.....	1017	552	285	120	17	3	3
10241	Montrose.....	1475	1022	631	431	167	9	9
9577	Morgan.....	1046	436	515	127	180	6	6
2001	Otero.....	2885	1582	1293	245	154	5	5
3514	Ouray.....	710	293	273	175	9	1	1
2492	Park.....	529	110	293	46	3	—	—

Population.	Wilson Roosevelt	Taft	Debs	Chafin	Reimer
3179 Phillips.....	448	383	296	46	3
4568 Pitkin.....	770	376	298	170	9
9520 Prowers.....	1042	1002	928	132	68
52223 Pueblo.....	7643	3818	3050	722	256
2232 Rio Blanco.....	538	185	372	17	7
6563 Rio Grande.....	1286	625	698	118	66
7561 Routt.....	1408	395	738	249	33
4160 Saguache.....	559	273	730	137	7
9063 San Juan.....	555	69	251	148	3
4700 San Miguel.....	1042	300	628	118	1
3061 Sedgwick.....	338	362	328	28	19
2003 Summit.....	600	152	179	30	4
14351 Teller.....	3277	1405	676	674	16
602 Washington.....	765	719	361	71	34
3917 Weld.....	4713	2679	3114	425	435
849 Yuma.....	1170	1218	406	319	59

Total.....	114074	72306	58386	16418	5063
Plurality.....	41768				
Percent.....	42.72	27.11	21.89	6.16	1.89
Total vote.....	266722				

For president in 1908 Taft, Rep., received 123,700 votes; Bryan, Dem., 126,644; Debs, Soc., 7,974, and Chafin, Pro., 5,569.

Popular vote for United States senators, 1912: Long term—John F. Shafroth, Dem., 113,260; Clyde C. Dawson, Rep., 66,949; Frank T. Catlin, Prog., 58,649. Short term—Charles T. Thomas, Dem., 111,633; C. W. Waterman, Rep., 66,627; I. N. Stevens, Prog., 64,408.

FOR REPRESENTATIVES IN CONGRESS, 1912.
 At Large—Edward T. Taylor, Dem. (elected).
 Edward Keating, Dem. (elected).
 S. H. Kinsley, Rep.

J. J. Laton, Rep.
 Charles E. Fisher, Prog.
 Clarence P. Dodge, Prog.

1. Counties of Adams, Boulder, Denver, Jefferson, Lake, Larimer, Logan, Moffat, Morgan, Park, Phillips, Sedgwick, South Arapahoe, Washington, Weld and Yuma.
 George J. Kindel, Dem. (elected).
 Rice W. Means, Rep.
 W. J. L. Crank, Prog.

2. Counties Archuleta, Baca, Bent, Chaffee, Cheyenne, Clear Creek, Conejos, Costilla, Crowley, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Kiowa, Kit Carson, La Plata, Las Animas, Lincoln, Mesa, Mineral, Montezuma, Montrose, Otero, Ouray, Pitkin, Prowers, Pueblo, Rio Blanco, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit and Teller.

H. H. Seldomridge, Dem. (elected).
 C. A. Ballreich, Rep.
 Neil N. McLean, Prog.

LEGISLATURE.
 Senate. House. J. B.
 Democrats 24 49 73
 Republicans 11 16 27

STATE OFFICERS. (All democrats.)
 Governor—Elias M. Ammons.
 Lieutenant-Governor—B. F. Montgomery.
 Secretary of State—James B. Pearce.
 Auditor—Randy Knehan.
 Treasurer—M. A. Leddy.
 Superintendent Public Instruction—M. C. C. Bradford.

CONNECTICUT (Population in 1910, 1,114,756).

Population in 1910.	COUNTIES. (8)	PRESIDENT 1912				
		Dem.	Rep.	Pro.	Soc.	
		Wilson	Taft	Roosevelt	Chafin	Debs
245322	Fairfield.....	15693	13148	9892	416	2388
250182	Hartford.....	16757	16962	6963	459	2093
70290	Litchfield.....	4661	5518	2435	140	356
45637	Middlesex.....	22383	19193	9313	583	4210
91253	New London.....	6942	5543	2545	238	416
26459	Tolland.....	1901	2027	411	66	305
48361	Windham.....	2920	3055	1113	125	116

Total.....	74561	68324	34129	2083	10056
Plurality.....	6237				
Percent.....	39.16	35.88	17.93	1.08	5.29
Total vote.....	180993				

For president in 1912 Reimer, Soc.-Lab., received 1,260 votes.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. County of Hartford.	
Augustine Lonergan, Dem.	17,256
Charles C. Bissell, Rep.	16,726
Joseph W. Alsop, Prog.	6,445
2. Counties of Tolland, Windham, New London and Middlesex.	
Bryan F. Mahan, Dem.	14,936
William A. King, Rep.	14,421
G. Warren Davis, Prog.	4,742
3. County of New Haven, except twelve towns.	
Thomas Reilly, Dem.	16,267
John Q. Tilson, Rep.	12,989
Yandell Henderson, Prog.	5,480
4. County of Fairfield.	
Jeremiah Donovan, Dem.	15,616
Ebenezer J. Hill, Rep.	14,183
Samuel E. Vincent, Prog.	8,263
5. County of Litchfield and twelve towns of New Haven county.	
William Kennedy, Dem.	12,073
Thomas D. Bradstreet, Rep.	11,724
H. G. Hoadley, Prog.	4,807

LEGISLATURE.

	Senate.	House.	J. B.
Democrats	21	120	141
Republicans	14	132	146
Progressives	0	6	6

STATE OFFICERS.

Governor—Simeon E. Baldwin, Dem.
 Secretary—Albert L. Phillips, Dem.
 Treasurer—Edward S. Roberts, Dem.
 Comptroller—Daniel P. Dunn, Dem.
 Attorney-General—John H. Light, Rep.

DELAWARE (Population in 1910, 202,322).

COUNTIES.

Population in 1910	(3)	Dem.	Prog.	Rep.	Soc.
32721 Kent.		Wilson Roosevelt	Taft	Debs	Chafin
12371 New Castle.		4071	667	3192	9
49413 Sussex.		13009	7091	8342	547
		5551	1229	4486	—
Total		22631	8887	13000	556
Plurality		49631			
Per cent.		9.53	19.45	28.46	1.21
Total vote.			45693		

In 1912 Chafin, Pro., for president received 623 votes.

FOR REPRESENTATIVE IN CONGRESS, 1912.

Franklin Brackson, Dem.	22,481
George H. Hall, Rep.	16,740
Louis A. Drexler, Prog.	2,825
H. R. Burton, Nat. Prog.	5,497

LEGISLATURE.

	Senate.	House.	J. B.
Democrats	8	21	29
Republicans	9	14	23

STATE OFFICERS.

Governor—Charles R. Miller, Rep.
 Secretary of State—(To be appointed by governor).
 Lieutenant-Governor—Colen Ferguson, Dem.
 Attorney-General—Josiah O. Wolcott, Dem.
 Insurance Commissioner—William R. McCabe, Dem.
 State Treasurer—Charles A. Hastings, Dem.
 State Auditor—William P. Prettyman, Dem.

FLORIDA (Population in 1910, 751,139).

COUNTIES.

Population in 1910	(47)	Dem.	Prog.	Rep.	Soc.
34305 Alachua.		Wilson Roosevelt	Taft	Debs	Chafin
4806 Baker.		1304	221	56	75
14090 Bradford.		168	37	31	2
4717 Brevard.		656	95	10	56
7465 Calhoun.		357	61	83	8
6731 Citrus.		332	67	152	50
6116 Clay.		417	11	21	10
17689 Columbia.		279	26	54	10
11933 Dade.		520	66	23	11
14200 DeSoto.		1171	99	188	33
75163 Duval.		847	110	135	89
36549 Escambia.		243	350	77	485
5201 Franklin.		1533	72	158	41
11925 Gadsden.		58	33	5	23
11825 Hamilton.		609	75	31	2
4907 Hernando.		405	46	60	22
78374 Hillsboro.		272	18	42	29
11567 Holmes.		2641	159	672	164
		411	52	79	20

Population.	Wilson	Taft	Debs	Chafin	Roosevelt
23621 Jackson.	1205	163	146	115	68
17220 Jefferson.	459	47	9	2	39
6710 Lafayette.	473	73	8	51	11
9509 Lake.	92	39	21	63	—
6294 Lee.	432	38	116	31	97
19427 Leon.	546	56	15	3	46
10361 Levy.	375	74	30	29	24
4700 Liberty.	206	32	7	2	18
16919 Madison.	480	16	19	3	30
29491 Manatee.	712	55	98	63	108
21563 Marion.	118	179	124	62	117
10525 Nassau.	1023	414	221	26	152
19107 Orange.	441	38	31	5	17
5547 Osceola.	1256	228	124	101	134
5577 Palm Beach.	512	110	64	44	159
7502 Pasco.	458	31	77	13	146
24143 Polk.	485	60	64	36	74
13096 Putnam.	553	87	189	39	250
14897 Santa Rosa.	1620	106	291	70	147
13208 St. John.	774	229	67	51	53
4075 St. Lucie.	592	70	88	95	48
6696 Sumter.	536	45	116	15	132
7103 Suwanee.	352	45	64	9	36
16510 Volusia.	417	22	19	29	71
4802 Wakulla.	714	54	214	15	29
16403 Walton.	236	55	9	45	19
	342	162	99	122	72
	215	25	22	2	15
	612	74	69	5	296
	694	82	186	48	68
Total.	35343	4279	4806	1854	4535
Plurality.	30637				
Per cent.	69.55	8.42	9.46	3.65	8.92
Total vote.		50817			

FOR REPRESENTATIVES IN CONGRESS, 1912.

At Large—Claude L'Engle, Dem.	34,324
E. R. Gunby, Prog.	2,680
Frances P. Coffin, Pro.	777
George W. Allen, Rep.	2,942
A. N. Jackson, Soc.	3,636
1. Counties of Taylor, Lafayette, Levy, Marion, Citrus, Sumter, Hernando, Pasco, Pinellas, Hillsboro, Polk, Manatee, DeSoto, Lee, Monroe and Lake.	
S. M. Sparkman, Dem.	12,400
J. DeV. Hazzard, Rep.	469
George C. Kelly, Pro.	255
George W. Bean, Rep.	766
C. C. Allen, Soc.	1,901
2. Counties of Hamilton, Suwanee, Columbia, Baker, Bradford, Nassau, Duval, Clay, Putnam, St. John, Volusia, Osceola, Orange, Brevard, Dade, Alachua and St. Lucie.	
Frank Clark, Dem.	14,635
John W. Howell, Rep.	1,210
J. J. Collins, Soc.	1,318
C. E. Spelt, Prog.	875
3. Counties of Escambia, Santa Rosa, Walton, Holmes, Washington, Jackson, Calhoun, Franklin, Liberty, Gadsden, Leon, Wakulla, Jefferson and Madison.	
Emmett Wilson, Dem.	9,057
John Thomas Porter, Prog.	280
Thomas F. McGourin, Rep.	489
W. N. Lamberty, Soc.	659

LEGISLATURE.

The members of the senate (32) and of the house of representatives (71) are all democrats.

STATE OFFICERS. (All democrats.)

Governor—Park Trammell.
 Secretary of State—H. Clay Crawford.
 Attorney-General—Thomas F. West.
 Comptroller—W. V. Knott.
 Treasurer—J. C. Luning.
 Superintendent Public Instruction—W. N. Sheats.
 Commissioner of Agriculture—W. A. McRae.

GEORGIA (Population in 1910, 2,609,121).

COUNTIES.

Population in 1910	(146)	Rep.	Dem.	Prog.	Soc.
12318 Appling.		Wilson Roosevelt	Taft	Debs	Chafin
7973 Baker.		94	381	150	9
1865 Baldwin.		0	180	12	—
1124 Banks.		24	621	47	—
25388 Bartow.		17	274	215	—
11863 Ben Hill.		93	1017	561	—
22772 Berrien.		34	535	263	—
56946 Bibb.		35	709	70	—
		122	2526	90	—

Population.	Taft	Wilson	Roosevelt	Chafin	Debs	Population.	Taft	Wilson	Roosevelt	Chafin	Debs
28332 Brooks.....	37	695	42	—	—	9041 Pickens.....	190	324	417	—	—
7302 Bryan.....	23	236	15	—	—	10749 Picken.....	83	408	97	—	—
26464 Bulloch.....	17	982	44	4	—	19495 Pike.....	34	751	134	—	1
27288 Burke.....	22	440	22	1	—	20203 Polk.....	36	706	539	—	5
19324 Butts.....	29	490	49	2	—	22835 Pulaski.....	17	1080	39	—	—
11354 Calhoun.....	5	328	6	—	—	18876 Putnam.....	6	460	10	—	—
7690 Camden.....	2	219	2	—	—	4594 Quitman.....	7	112	9	—	—
1674 Campbell.....	4	443	10	—	—	22603 Rabun.....	12	352	119	1	—
30855 Carroll.....	81	1192	431	2	14	18841 Randolph.....	57	550	44	—	—
7184 Catoosa.....	63	286	125	—	14	58886 Richmond.....	177	1871	234	3	151
4722 Charlton.....	23	150	48	2	—	8916 Rockdale.....	11	434	61	—	—
79690 Chattahoochee.....	238	3274	332	23	14	5213 Schley.....	3	212	20	1	—
5586 Chattooga.....	1	137	11	—	—	20202 Screven.....	21	400	138	2	—
19308 Cherokee.....	69	573	230	—	1	19741 Spalding.....	26	736	45	—	—
16661 Clarke.....	21	608	710	8	2	9728 Stephens.....	15	409	61	—	—
23273 Clark.....	65	550	51	—	—	13437 Stewart.....	17	452	7	—	—
8890 Clay.....	8	369	17	—	2	23006 Sumter.....	24	1004	19	—	3
10453 Clayton.....	3	443	113	1	—	11636 Talbot.....	8	446	87	—	—
8424 Clinch.....	48	283	9	—	—	8765 Tallahassee.....	7	242	40	—	—
28397 Cobb.....	41	1519	442	3	—	18569 Tattnall.....	18	592	234	2	1
21953 Coffee.....	23	895	85	—	17	10639 Taylor.....	17	342	98	—	—
19789 Colquitt.....	3	699	506	6	10	13288 Teal.....	20	695	19	—	—
13238 Columbia.....	23	234	30	—	—	20203 Terrell.....	29	608	19	—	—
28800 Coweta.....	35	104	46	—	—	23071 Thornt.....	47	1012	178	7	—
8310 Crawford.....	1	249	3	2	—	11487 Tift.....	7	427	189	1	35
16423 Crisp.....	12	644	45	—	—	11206 Toombs.....	20	327	75	—	1
4139 Dade.....	18	215	44	—	19	3932 Towns.....	89	230	206	4	—
4686 Dawson.....	23	170	161	4	—	26228 Troup.....	16	1441	75	—	2
29045 Decatur.....	44	837	65	45	—	10075 Turner.....	25	385	75	6	23
27881 DeKalb.....	52	1150	378	4	33	10736 Twigg.....	3	307	13	—	—
20127 Dodge.....	12	657	23	—	63	6918 Union.....	88	319	256	—	—
20554 Dooly.....	5	608	33	—	—	12757 Upson.....	7	445	138	—	—
14085 Dougherty.....	21	731	19	—	—	18692 Walker.....	215	771	404	—	21
8953 Douglas.....	18	268	307	—	—	25393 Walton.....	40	885	274	—	—
18122 Early.....	7	501	27	—	36	22957 Ware.....	54	972	39	5	25
3309 Echols.....	—	144	4	—	—	11860 Warren.....	11	262	67	—	1
9971 Effingham.....	5	343	10	—	—	28174 Washington.....	28	920	167	—	—
24125 Elbert.....	13	882	238	—	—	13069 Wayne.....	14	380	25	4	—
25140 Emanuel.....	22	715	129	—	—	6181 Webster.....	2	139	1	—	—
12574 Fannin.....	163	451	305	—	8	5110 White.....	1	163	117	—	—
10866 Fayette.....	12	389	95	1	1	15634 Whitfield.....	106	761	437	1	65
36736 Floyd.....	63	1337	374	1	—	13486 Wilcox.....	15	525	29	—	1
11940 Forsyth.....	15	235	163	—	—	23441 Wilkes.....	3	657	68	—	7
17894 Franklin.....	26	694	331	—	—	10078 Wilkinson.....	10	335	17	—	—
17733 Fulton.....	509	7317	1696	22	111	19147 Worth.....	12	500	77	—	5
9237 Gilmer.....	52	488	116	—	1	Total.....	5191	93176	21980	149	1028
4669 Glascock.....	3	101	72	—	—	Plurality.....	71196	—	—	—	—
15720 Glynn.....	16	470	30	12	3	Percent.....	4.27	76.67	18.09	12	.85
13861 Gordon.....	21	597	650	—	1	Total vote.....	121524	—	—	—	—
18457 Grady.....	21	453	98	—	—	For governor John M. Slaton was elected in October to go into office in June, 1913.	—	—	—	—	—
18512 Greene.....	10	525	150	—	—	FOR REPRESENTATIVES IN CONGRESS, 1912.	—	—	—	—	—
28824 Gwinnett.....	55	997	590	1	—	1. Counties of Bryan, Bulloch, Burke, Chattham, Effingham, Jenkins, Liberty, McIntosh, Screven, Tattnall.	—	—	—	—	—
10134 Habersham.....	12	497	310	—	—	Charles G. Edwards, Dem.....	7,944	—	—	—	—
25730 Hall.....	116	1145	279	—	11	E. J. Seymore, Rep.....	356	—	—	—	—
19189 Hancock.....	19	549	35	—	—	2. Counties of Baker, Calhoun, Colquitt, Decatur, Dougherty, Early, Grady, Miller, Mitchell, Tift, Thomas, Worth.	—	—	—	—	—
15514 Haralson.....	19	384	701	—	21	S. A. Roddenberry, Dem.....	7,957	—	—	—	—
17786 Harris.....	4	585	23	1	—	3. Counties of Ben Hill, Clay, Crisp, Dooly, Lee, Macon, Randolph, Quitman, Schley, Stewart, Sumter, Taylor, Terrell, Turner, Webster.	7,321	—	—	—	—
16216 Hart.....	15	484	291	—	—	Charles B. Roper, Dem.....	7,321	—	—	—	—
11189 Heard.....	11	326	65	—	—	4. Counties of Carroll, Chattahoochee, Coweta, Harris, Heard, Marion, Meriwether, Muscogee, Talbot, Troup.	—	—	—	—	—
19277 Henry.....	15	536	127	—	—	W. C. Adamson, Dem.....	8,904	—	—	—	—
23609 Houston.....	24	790	16	—	—	5. Counties of Campbell, DeKalb, Douglas, Fulton, Rockdale.	—	—	—	—	—
10461 Irwin.....	6	428	45	—	1	William Schley Howard, Dem.....	12,000	—	—	—	—
20169 Jackson.....	45	1108	551	—	—	6. Counties of Bibb, Butts, Clayton, Crawford, Fayette, Henry, Jasper, Jones, Monroe, Pike, Spalding, Upson.	—	—	—	—	—
16532 Jasper.....	15	644	8	—	—	Charles L. Bartlett, Dem.....	13,171	—	—	—	—
6050 Jeff Davis.....	9	268	52	—	—	7. Counties of Bartow, Catoosa, Chattooga, Cobb, Dade, Floyd, Gordon, Haralson, Murray, Paulding, Polk, Walker, Whitfield.	14,099	—	—	—	—
21379 Jefferson.....	8	416	153	2	—	8. Counties of Clarke, Elbert, Franklin, Greene, Hart, Madison, Morgan, Newton, Oconee, Oglethorpe, Putnam, Walton, Wilkes.	—	—	—	—	—
11520 Jenkins.....	13	279	15	—	—	S. J. Tribble, Dem.....	10,913	—	—	—	—
12807 Johnson.....	23	285	92	—	—	9. Counties of Banks, Cherokee, Dawson, Fannin, Forsyth, Gilmer, Gwinnett, Habersham, Hall, Jackson, Lumpkin, Milton, Pickens, Rabun, Stephens, Towns, Union, White.	—	—	—	—	—
13101 Jones.....	27	426	3	—	—	Thomas M. Bell, Dem.....	12,496	—	—	—	—
35501 Laurens.....	26	1118	106	—	—	—	—	—	—	—	—
11679 Lee.....	29	210	6	—	—	—	—	—	—	—	—
12324 Liberty.....	29	253	26	—	—	—	—	—	—	—	—
8714 Lincoln.....	24	847	35	7	9	—	—	—	—	—	—
24436 Lowndes.....	20	279	119	—	—	—	—	—	—	—	—
5444 Lumpkin.....	19	411	85	—	—	—	—	—	—	—	—
15016 Macon.....	13	564	148	—	—	—	—	—	—	—	—
10851 Madison.....	17	233	51	—	—	—	—	—	—	—	—
9147 Marion.....	9	271	106	1	—	—	—	—	—	—	—
10625 McDuffie.....	2	118	8	—	—	—	—	—	—	—	—
6442 McIntosh.....	26	882	91	—	—	—	—	—	—	—	—
25180 Meriwether.....	2	200	6	2	45	—	—	—	—	—	—
7386 Miller.....	17	320	107	—	—	—	—	—	—	—	—
7239 Milton.....	30	917	140	—	19	—	—	—	—	—	—
22114 Mitchell.....	9	796	93	—	—	—	—	—	—	—	—
20450 Monroe.....	52	854	93	—	—	—	—	—	—	—	—
19638 Montgomery.....	24	575	57	—	—	—	—	—	—	—	—
19717 Morgan.....	68	306	307	—	30	—	—	—	—	—	—
37653 Murray.....	51	1317	102	1	158	—	—	—	—	—	—
36227 Muscogee.....	57	840	43	1	—	—	—	—	—	—	—
18449 Newton.....	1	206	180	—	—	—	—	—	—	—	—
11104 Oconee.....	33	508	79	—	—	—	—	—	—	—	—
18680 Oglethorpe.....	32	426	654	—	—	—	—	—	—	—	—
14124 Paulding.....	3	236	654	—	—	—	—	—	—	—	—

10. Counties of Baldwin, Columbia, Glascock, Hancock, Jefferson, Lincoln, McDuffie, Richmond, Taliaferro, Warren, Washington, Wilkinson. Thomas W. Hardwick, Dem. 6,474
11. Counties of Appling, Berrien, Brooks, Camden, Charlton, Clinch, Coffee, Echols, Glynn, Irwin, Jeff Davis, Lowndes, Pierce, Wayne, Ware. J. R. Walker, Dem. 7,922
12. Counties of Dodge, Emanuel, Houston, Johnson, Laurens, Montgomery, Pulaski, Telfair, Tombs, Twiggs, Wilcox. Dudley M. Hughes, Dem. 7,791
- The legislature consists of 44 senators and 133 representatives. All but four or five are democrats. There are no divisions along party lines.

STATE OFFICERS. (All democrats.)

Governor—John M. Slaton.
Secretary of State—Phil Cook.
Comptroller-General—W. A. Wright.
Attorney-General—Thomas S. Felder.
Treasurer—W. J. Spéer.
School Superintendent—M. L. Brittain.
Commissioner of Agriculture—L. D. Price.
Prison Commission—R. E. Davison, chairman; Wiley Williams, T. E. Patterson.

IDAHO (Population in 1910, 325,594).

COUNTIES.

Population in 1910.	PRESIDENT 1912					
	Rep.	Dem.	Prog.	Soc. S.L.	Prog.	Pro.
29,088 Ada.....	3,198	2,569	3,512	599	116	116
Adams (new).....	598	420	293	176	19	19
19,242 Bannock.....	2,326	1,486	601	412	8	8
7,739 Bear Lake.....	1,272	916	274	32	1	1
23,346 Bingham.....	1,440	821	453	268	—	—
8,887 Blaine.....	988	906	372	383	25	25
5,250 Boise.....	652	743	504	304	16	16
13,588 Bonner.....	744	1,055	1,247	1,058	56	56
Bonneville (new).....	1,176	864	637	352	20	20
18,423 Canyon.....	1,842	2,437	2,846	849	311	311
7,197 Cassia.....	1,459	846	471	365	20	20
Clearwater (new).....	376	540	371	284	23	23
8,001 Custer.....	326	501	237	123	4	4
4,785 Elmore.....	416	536	382	190	11	11

ILLINOIS (Population in 1910, 5,638,591).

COUNTIES.

Population in 1910.	PRESIDENT 1912					
	Rep.	Dem.	Prog.	Soc. S.L.	Prog.	Pro.
64,588 Adams.....	2,733	6,822	195	559	44	44
22,741 Alexander.....	2,093	19,386	28	107	709	709
17,075 Bond.....	1,152	12,778	208	64	6	6
15,481 Boone.....	1,361	540	38	113	6	6
10,637 Brown.....	381	1,358	37	12	—	—
43,975 Bureau.....	1,816	28,000	219	549	31	31
8,610 Calhoun.....	573	602	64	22	3	3
13,635 Carroll.....	1,577	1,008	87	84	8	8
17,372 Cass.....	719	2,223	63	103	11	11
15,829 Champaign.....	3,320	44,544	231	172	12	12
34,594 Christian.....	1,904	3,821	213	376	14	14
23,517 Clark.....	1,897	2,517	144	49	2	2
18,661 Clay.....	1,622	1,926	81	84	4	4
22,832 Clinton.....	973	2,674	45	265	18	18
34,517 Coles.....	2,263	3,453	90	170	13	13
240,235 Cook.....	74,851	130,702	2,737	5,265	2,802	2,802
20,251 Crawford.....	1,266	2,604	125	65	4	4
14,281 Cumberland.....	990	1,673	51	31	3	3
33,457 DeKalb.....	1,776	15,898	104	205	13	13
18,906 DeWitt.....	1,346	1,580	64	119	10	10
19,391 Douglas.....	1,386	1,633	116	53	2	2
33,432 DuPage.....	1,136	2,236	215	193	12	12
27,396 Edgar.....	2,430	3,479	147	91	8	8
10,049 Edwards.....	817	630	100	16	3	3
20,255 Effingham.....	1,082	2,575	58	46	6	6
28,075 Fayette.....	1,481	2,782	138	82	1	1
17,096 Ford.....	832	1,035	78	23	11	11
25,943 Franklin.....	2,098	2,435	116	407	22	22
49,549 Fulton.....	2,263	3,902	230	1,334	67	67
14,628 Gallatin.....	1,051	1,607	43	107	10	10
22,933 Greene.....	1,064	2,801	49	124	7	7
24,162 Grundy.....	1,172	74	190	6	191	191
18,297 Hamilton.....	1,242	1,920	51	79	4	4
30,638 Hancock.....	1,577	3,692	166	188	6	6
70,15 Hardin.....	691	644	45	47	5	5
9,724 Henderson.....	648	721	51	31	6	6
14,736 Henry.....	1,859	2,219	181	376	23	23
35,543 Iroquois.....	1,896	2,474	153	52	12	12
35,143 Jackson.....	2,790	3,323	102	268	21	21
18,157 Jasper.....	1,227	2,042	113	16	1	1

24,066 Fremont.....	3,074	1,967	1,129	750	11	11
12,384 Idaho.....	994	1,679	963	633	51	51
22,747 Kootenai.....	1,692	2,506	1,805	1,030	169	169
18,818 Latah.....	904	1,540	1,943	583	278	278
4,786 Lemhi.....	669	910	216	198	6	6
12,676 Lewis (new).....	438	1,131	694	259	49	49
24,860 Nez Perce.....	1,192	1,541	1,045	642	68	68
15,170 Oneida.....	1,013	1,619	1,065	406	66	66
4,044 Owyhee.....	237	1,386	—	147	24	24
13,963 Shoshone.....	515	567	383	95	13	13
13,543 Twin Falls.....	1,399	1,634	1,162	834	28	28
11,101 Washington.....	1,074	1,741	1,650	781	102	102
Total.....	725	1,065	798	227	45	45
Plurality.....	32,874	34,025	25,547	11,969	1540	1540
Per cent.....	1151	31.03	32.11	24.11	11.30	1.45
Total vote.....	105,655					

For president in 1908 Taft, Rep., received 52,657 votes; Bryan, Dem., 36,195; Debs, Soc., 6,405.

FOR REPRESENTATIVES IN CONGRESS, 1912.

Addison T. Smith, Rep.....	43,571
Burton L. French, Rep.....	53,342
Perry W. Mitchell, Dem.....	30,173
Edward M. Pugmire, Dem.....	30,053
P. Monroe Smock, Prog.....	12,066
G. W. Bellott, Soc.....	11,393
E. L. Riggs, Soc.....	11,389
Jonathan G. Carrick, Pro.....	1,169
John Tucker, Pro.....	1,176

LEGISLATURE. Senate. House. J.B.

Republicans.....	21	56	77
Democrats.....	3	4	7

STATE OFFICERS. (All republicans.)

Governor—John M. Haines.
Lieutenant-Governor—Herman H. Taylor.
Secretary of State—Wilfred L. Gifford.
State Auditor—Fred L. Huston.
State Treasurer—O. W. Allen.
Attorney-General—Joseph H. Peterson.
Superintendent of Public Instruction—Grace M. Shepherd.
Inspector of Mines—Robert N. Bell.

Population.	Taft	Wilson	Chafin	Dals Reimer	Roosevelt	Deane	Dunne	Warrell	Francis	Punk	Taft	Bryan		
29111 Jefferson	1834	3237	101	142	6	1294..	1948	3166	109	139	6	1234..	3210	3577
13654 Jersey	838	1573	51	12	2	381..	892	1537	45	11	2	360..	1460	1818
22657 Jo Daviess	1233	2226	110	139	5	1747..	1526	2153	94	117	5	1539..	3132	2310
14331 Johnson	1025	1652	65	66	6	803..	1052	951	66	61	5	775..	1914	1055
19182 Kane	2415	4384	215	329	15	11494..	4236	4736	225	153	13	1057..	12849	4316
40132 Kankakee	3178	2532	77	111	8	2792..	2319	3375	72	126	8	2403..	5090	3493
10777 Kendall	534	531	36	21	3	1526..	727	528	30	18	2	1336..	1948	556
46159 Knox	1750	2758	152	405	16	5386..	2392	2706	145	333	18	4670..	7084	3277
55058 Lake	2183	2436	136	445	25	4888..	3172	2611	130	437	23	3738..	6332	2264
90132 LaSalle	4858	7036	296	636	50	6918..	5551	7978	261	535	41	5429..	11150	5589
22661 Lawrence	1617	2550	194	170	15	774..	1673	2529	178	164	15	771..	2197	2253
27750 Lee	1482	1965	97	115	7	2747..	1575	2167	94	112	5	2510..	4255	2144
44055 Livingston	1414	3354	192	71	7	2388..	1282	137	127	83	23	748..	1944	3029
82116 Logan	1397	3229	118	163	18	1776..	1784	3072	100	144	17	1566..	3451	3546
54186 Macon	3556	4445	192	293	26	3976..	3977	4482	138	264	22	3421..	6643	4615
50685 Macoupin	2177	4002	226	806	56	2147..	2894	4675	208	284	55	1880..	4388	5775
83847 Madison	5462	7135	268	1703	83	3197..	6233	7225	255	1663	74	2280..	9463	7812
35024 Marion	1586	3493	198	498	18	2089..	1609	3380	191	486	16	2163..	3435	4001
15679 Marshall	730	1655	63	42	8	1180..	1027	1684	64	31	8	917..	1933	1714
17577 Mason	945	2173	92	45	4	859..	1147	2044	86	41	4	788..	1324	2264
14300 Massac	1341	696	38	21	3	783..	1369	643	30	22	3	748..	2084	632
26887 McDonough	1876	2699	166	181	6	1785..	2032	2006	152	173	7	1545..	3733	3112
32509 McHenry	2370	1913	74	39	5	3046..	2504	2345	70	37	12	2575..	5331	1887
68008 McLean	4624	5556	376	562	26	4350..	4519	5345	348	527	25	4861..	8863	5982
12796 Menard	620	1580	55	60	7	903..	892	1393	44	50	6	774..	1600	1748
19723 Mercer	959	1602	111	222	9	2063..	1163	1582	100	203	8	1963..	2871	1777
13508 Monroe	1453	1308	4	19	2	299..	1431	1409	4	16	1	280..	1733	1512
35311 Montgomery	2195	3765	245	439	24	1476..	2412	3526	222	453	25	1944..	3762	3369
34420 Morgan	1486	3648	159	193	26	2004..	2244	3534	153	185	8	421..	4019	3593
14630 Moultrie	747	1501	60	29	6	853..	777	1478	53	25	5	857..	1704	1636
27864 Ogle	2014	1750	200	57	4	2720..	2289	1682	168	49	5	2559..	4848	1761
10255 Peoria	2504	8364	130	1571	132	9229..	5408	8125	130	1521	131	6554..	10828	8898
22088 Perry	1341	2107	154	215	21	1894..	1338	2121	149	207	19	877..	2392	2482
16576 Pike	1054	1417	75	36	3	1150..	1121	1338	62	33	2	1179..	2349	1530
26822 Platt	1668	3571	149	253	13	1169..	1801	3243	157	246	12	1162..	2932	3859
11215 Pope	1069	684	25	24	—	1137..	635	625	25	23	8	584..	1706	748
12650 Pulaski	1632	978	30	73	11	454..	1681	1002	25	30	9	421..	2185	1083
7561 Putnam	403	424	22	28	2	583..	465	411	18	24	2	548..	884	413
29120 Randolph	1548	3217	155	308	9	1169..	1730	2940	127	297	8	1285..	3045	3172
15970 Richard	862	1800	129	114	4	811..	1065	1645	145	110	5	755..	1684	1392
70404 Rock Island	2394	3997	135	2123	129	6506..	4185	4317	121	1921	124	4589..	8196	4739
30204 Saline	2234	3569	98	690	32	1468..	2410	2590	91	646	31	1381..	3125	2471
91024 Sangamon	3994	4496	245	1007	49	6196..	6928	8062	189	903	46	5775..	10422	9351
14852 Schuyler	583	1341	57	684	13	684..	924	154	153	25	5	619..	1622	1876
10097 Scott	886	1767	25	25	3	813..	1121	29	25	3	8	372..	1101	1376
31693 Shelby	1629	3467	231	121	10	1431..	1738	3396	216	118	10	1461..	3312	4065
10098 Stark	549	639	25	41	3	1053..	731	686	27	37	4	841..	1635	738
119870 St. Clair	8156	10826	218	2498	104	4064..	8649	10917	206	2435	102	3631..	12619	11342
36821 Stephenson	1367	3890	148	215	4	3176..	1889	3736	131	202	4	3051..	4605	4076
34027 Tazewell	1054	3654	114	371	24	2500..	1733	3440	98	355	25	2159..	3767	3786
11856 Union	1194	2848	62	23	2	458..	1291	2613	60	24	2	494..	1635	2690
77396 Vermilion	5555	5576	564	714	40	4984..	6076	5324	547	687	43	4345..	11736	6320
14913 Wabash	841	1678	131	72	4	601..	1000	1628	127	69	1	492..	1511	1314
23313 Warren	915	2080	91	237	16	2627..	1042	2083	90	215	15	2494..	3293	2327
18759 Washington	1304	1654	67	135	16	1058..	1395	1728	64	124	13	915..	2355	1830
25697 Wayne	1586	2768	167	74	4	1418..	1766	2292	165	72	4	1332..	2946	279
23052 White	1692	2708	114	182	11	591..	1863	2645	106	180	10	492..	2436	2934
34507 Whiteside	1457	1966	276	91	7	3804..	1998	2018	250	81	7	3535..	5257	2140
44371 Will	3331	4717	140	467	20	8352..	4699	5772	112	415	20	5713..	10356	5693
45098 Williamson	3209	3258	230	709	79	1705..	3336	3303	228	692	77	1832..	4786	3513
63153 Winnebago	2276	210	955	83	7089..	3697	2993	175	913	41	5420..	8919	2163	
20506 Woodford	850	2051	65	83	8	1495..	1241	2005	46	70	4	1161..	2204	2156

Total .. 253693 405048 15710 81278 4096 386478.. 318469 448120 15231 78679 3980 303401.. 628632 450610
 Plurality .. 13570
 Per cent. .. 22.12 35.34 1.38 7.09 .36 33.71.. 27.39 28.10 1.31 6.77 .34 26.09.. 54.53 39.02
 Total vote. 1146173 1162380

FOR REPRESENTATIVES IN CONGRESS, 1912.

At Large—William E. Mason, Rep.....	313,608
Burnett M. Chipfield, Rep.....	299,945
Lawrence B. Stringer, Dem.....	415,386
William Elza Williams, Dem.....	401,497
Walter H. Harris, Pro.....	15,721
James H. Shaw, Pro.....	15,590
Walter Huggins, Soc.....	84,352
D. L. Thomas, Soc.....	84,027
George Martin, Soc-Lab.....	4,118
Joseph Fenyes, Soc-Lab.....	4,012
R. M. Maxey, Prog.....	304,072
Lawrence P. Boyle, Prog.....	311,311

1. That part of Chicago bounded as follows: From Lake Michigan west and south along river to Halsted, south to 34th, east to Parnell avenue, north to 32d, east to Stewart avenue, south to 39th, east to State, south to 43d, east to the lake and north along lake shore to river.

Martin B. Madden, Rep.....13,608
 Andrew Donovan, Dem.....9,967
 W. H. Rogers, Pro.....299
 W. T. Barnard, Soc.....2,217

2. That part of Chicago bounded as follows: From

Lake Michigan east on 43d to State, south to 99th, west to Stewart avenue, south to 103d, west to Halsted, south to 11th, west to Peoria, south to 115th, west to Ashland, south to 123d, east to Halsted, south to Little Calumet avenue, easterly to Illinois Central tracks and Indiana avenue, south to 138th, east to state line, north along state line to the lake and along lake shore to 43d. James R. Mann, Rep.....21,374
 John C. Vaughan, Dem.....15,287
 Edgar T. Lee, Pro.....323
 John C. Flora, Soc.....4,637
 Thomas D. Knight, Prog.....15,042

3. That part of Chicago bounded as follows: From Halsted west on 51st to 48th avenue, south to 87th, east to Western avenue, south to 99th, west to Ogden avenue, south to 115th, east to West-ern, south to Lyon avenue, east to Ashland avenue, north to 115th, east to Peoria, north to 11th, east to Halsted, north to 103d, east to Stewart avenue, north to 99th, east to State, north to 51st; also the towns of Lemont, Palos, Worth, Orland, Bremen, Thornton, Rich, Bloom and Calumet, in Cook county.

George E. Gorman, Dem.....	16,285	Frank Schillersmith, Soc.....	3,964
William W. Wilson, Rep.....	14,132	C. O. Ludlow, Prog.....	7,566
William H. Dietz, Pro.....	5,023	10. That part of Chicago bounded as follows: From Lake Michigan southwest on Rogers avenue to Howard, west to Kedzie, south to Devon avenue, east to Western avenue, south to Belmont avenue, west to river, southeast along river to North avenue, east to Halsted, north to Fullerton avenue, west to Racine avenue, north to Irving Park boulevard, east to lake and north along lake shore to Rogers avenue; also Lake county and the towns of Evanston, Niles, New Trier and Northfield, in Cook county.	
George H. Gibson, Soc.....	5,123	Charles M. Thomson, Prog.....	21,028
Franklin P. Simons, Prog.....	13,039	George E. Foss, Rep.....	17,325
4. That part of Chicago bounded as follows: From Halsted street southwest along river to Laflin, north to 22d, west to Clifton Park avenue, south to 24th, west to Central Park avenue, south to Illinois and Michigan canal, southwest to 39th, west to 48th avenue, south to 51st, east to State, north to 39th, west to Stewart avenue, north to 32d, west to Parnell avenue, south to 34th, west to Halsted, north to river.		Frank L. Fowler, Dem.....	15,515
James T. McDermott, Dem.....	14,225	Dudley G. Hays, Pro.....	504
Charles J. Tomkiewicz, Rep.....	6,097	Charles A. Larson, Soc.....	5,311
Carl E. Gauger, Soc.....	4,503	11. Counties of DuPage, Kane, McHenry and Will.	
5. That part of Chicago bounded as follows: From river west on 12th to Laflin, north to Taylor, west to Cypress, south to 12th, west to Homan avenue, south to Ogden avenue, southwest to Clifton Park avenue, south to 22d, east to Laflin, south to river, northeast along river to 12th.		Ira C. Copley, Rep.....	25,750
Adolph J. Sabath, Dem.....	11,150	Thomas H. Riley, Dem.....	14,330
Jacob Gartenstein, Rep.....	4,192	William P. Lea, Pro.....	876
Charles Toepper, Soc.....	3,359	P. H. Murray, Soc.....	1,167
L. H. Clusman, Prog.....	2,825	12. Counties of Boone, DeKalb, Grundy, Kendall, LaSalle and Winnebago.	
6. That part of Chicago bounded as follows: From Center avenue west on Madison to Ashland avenue, north to Washington boulevard, west to Homan avenue, north to Kinzie, west to Austin avenue, south to 12th, east to 46th, south to 39th, east to Illinois and Michigan canal, northeast along canal to Central Park avenue, north to 24th, east to Clifton Park avenue, north to Ogden avenue, northeast to Homan avenue, north to 12th, east to Cypress, north to Taylor, east to Loomis, north to Van Buren, east to Center avenue, north to Madison; also the towns of Proviso, Cicero, Oak Park, Berwyn, Riverside, Stickney and Lyons, in Cook county.		Charles E. Fuller, Rep.....	16,905
Arthur W. Fulton, Rep.....	18,974	J. W. Rausch, Dem.....	12,234
James MacAndrews, Dem.....	22,520	C. W. Earl, Pro.....	718
J. W. Troeger, Pro.....	467	Joseph McCabe, Soc.....	2,142
John Will, Soc.....	7,776	William H. Hinebaugh, Prog.....	18,334
7. That part of Chicago bounded as follows: From Western avenue west on Devon avenue, Fulton and Hamilton streets to 72d avenue, north to Park Ridge boulevard, west to Highland avenue, south to Devon, east to Winter, south to Everill avenue, east to 73d, south to Bryn Mawr avenue, east to 60th avenue, south to Irving Park boulevard, west to 72d avenue, south to North avenue, east to Austin avenue, south to Kinzie, east to Homan avenue, south to Washington boulevard, east to Ashland avenue, north to Chicago avenue, west to Robey, north to Fullerton, east to river, northwest along river to Belmont, east to Western avenue, north to Devon avenue; also the towns of Hanover, Schaumburg, Elk Grove, Maine, Leyden, Barrington, Palatine, Wheeling and Norwood Park, in Cook county.		13. Counties of Carroll, Jo Daviess, Lee, Ogle, Stephenson and Whiteside.	
Frank Buchanan, Dem.....	19,452	John C. McKenzie, Rep.....	14,398
Niels Junl, Rep.....	15,266	Ray Mariden, Dem.....	11,704
E. H. Parkinson, Pro.....	428	William Beers, Pro.....	813
Otto C. Christensen, Soc.....	15,043	C. C. Brooks, Soc.....	616
Elton C. Armitage, Prog.....	18,816	I. F. Edwards, Prog.....	11,875
8. That part of Chicago bounded as follows: From the river west on Fullerton avenue to Robey, south to Chicago avenue, east to Ashland avenue, south to Madison, east to Center avenue, south to Van Buren, west to Loomis, south to Taylor, west to Laflin, south to 12th, east to river, north and northwest along river to Fullerton avenue.		14. Counties of Hancock, Henderson, McDonough, Mercer, Rock Island and Warren.	
Thomas Gallagher, Dem.....	10,922	Clyde H. Tavenner, Dem.....	17,024
William G. Herrmann, Rep.....	6,030	Charles J. Searle, Rep.....	15,816
John Nelson, Pro.....	2,064	P. W. Cuper, Pro.....	680
N. F. Holm, Soc.....	3,674	Charles Black, Soc.....	2,466
9. That part of Chicago bounded as follows: From Lake Michigan west on Irving Park boulevard to Racine avenue, south to Fullerton avenue, east to Halsted street, south to North avenue, west to river, south and east along river to lake and north along lake shore to Irving Park boulevard.		15. Counties of Adams, Fulton, Henry, Knox and Schuyler.	
Fred A. Britten, Rep.....	11,650	George W. Prince, Rep.....	12,008
Lynden Evans, Dem.....	10,210	A. S. Hoxworth, Dem.....	17,156
Herbert V. Lyons, Pro.....	236	Paul D. Ransom, Pro.....	912
		John C. Sjodin, Soc.....	2,642
		Charles F. Kincheloe, Prog.....	15,173
		16. Counties of Bureau, Marshall, Peoria, Putnam, Stark and Tazewell.	
		Claude U. Stone, Dem.....	20,956
		F. H. Smith, Rep.....	9,295
		George W. Warner, Pro.....	485
		Rudolph Pfeiffer, Soc.....	2,474
		William E. Cadmus, Prog.....	12,659
		17. Counties of Ford, Livingston, Logan, McLean and Woodford.	
		John A. Sterling, Rep.....	13,572
		Louis Fitz-Henry, Dem.....	14,966
		Robert Means, Pro.....	709
		E. J. Brals, Soc.....	838
		George E. Stump, Prog.....	9,266
		18. Counties of Clark, Cumberland, Edgar, Iroquois, Kankakee and Vermillion.	
		Joseph G. Cannon, Rep.....	18,707
		Frank T. O'Hair, Dem.....	19,485
		Clay F. Ganner, Pro.....	1,279
		John H. Walker, Soc.....	1,132
		E. F. Royse, Prog.....	9,511
		19. Counties of Champaign, Coles, DeWitt, Douglas, Macon, Moultrie, Shelby and Platt.	
		William B. McKinley, Rep.....	20,643
		Charles M. Borchers, Dem.....	22,166
		Thomas C. Eller, Pro.....	791
		C. E. Peebles, Soc.....	834
		John H. Chadwick, Prog.....	10,755
		20. Counties of Brown, Calhoun, Cass, Greene, Jersey, Mason, Menard, Morgan, Pike and Scott.	
		Henry T. Rainey, Dem.....	21,203
		E. E. Brass, Rep.....	9,478
		Charles Corson, Pro.....	701
		Jesse Morgan, Soc.....	785
		B. O. Aylesworth, Prog.....	7,007

21. Counties of Christian, Macoupin, Montgomery and Sangamon.	
H. Clay Wilson, Rep.	13,556
James M. Graham, Dem.	21,361
Lewis F. Denton, Pro.	849
Herman Rahm, Soc.	2,554
Robert Johns, Prog.	7,286
22. Counties of Bond, Madison, Monroe, St. Clair and Washington.	
William A. Rodenberg, Rep.	19,438
William N. Baltz, Dem.	23,112
Andrew J. Meek, Pro.	705
William C. Pierce, Soc.	4,276
Uitten S. Nixon, Prog.	5,608
23. Counties of Clinton, Crawford, Effingham, Fayette, Jasper, Jefferson, Lawrence, Marion, Richland and Wabash.	
Martia D. Foster, Dem.	26,938
Robert B. Clark, Rep.	12,837
J. W. Honey, Pro.	1,109
John L. McKittick, Soc.	1,411
George W. Jones, Prog.	9,116
24. Counties of Clay, Edwards, Gallatin, Hamilton, Hardin, Johnson, Massac, Pope, Saline, Wayne and White.	
H. Robert Fowler, Dem.	19,811
James B. Blackman, Rep.	15,004
T. J. Scott, Pro.	682
C. C. Mason, Soc.	933
A. J. Gibbons, Prog.	5,129
25. Counties of Alexander, Franklin, Jackson, Perry, Pulaski, Randolph, Union and Williamson.	
N. B. Thistlewood, Rep.	16,706
Robert P. Hill, Dem.	19,982
Charles F. Stalker, Pro.	563
Paul H. Castle, Soc.	2,063
Robert T. Cook, Prog.	6,546

FOR GOVERNOR.

Charles S. Deneen, Rep.	318,469
Edward F. Dornne, Dem.	449,120
Edward R. Wernell, Pro.	15,281
John C. Kennedy, Soc.	78,679
John M. Francis, Soc.-Lab.	3,980
Frank H. Funk, Prog.	303,401

FOR LIEUTENANT-GOVERNOR.

John G. Oglesby, Rep.	316,813
Barratt O'Hara, Dem.	407,242
Jacob H. Hooftstiller, Pro.	16,342
F. T. Maxwell, Soc.	82,655
Gottlieb Renner, Soc.-Lab.	4,121
Dean Franklin, Prog.	315,589

FOR SECRETARY OF STATE.

Cornelius J. Doyle, Rep.	314,694
Harry Woods, Dem.	406,670
Henry Wakeman, Pro.	15,565
Fred Freeman, Soc.	86,308
Gustav Larson, Soc.-Lab.	4,131
Edward O. Peterson, Prog.	312,960

FOR AUDITOR OF PUBLIC ACCOUNTS.

James S. McCullough, Rep.	315,493
James J. Brady, Dem.	404,332
John H. Shup, Pro.	15,429
F. O. Anderson, Soc.	84,134
Albert Lingenfelter, Soc.-Lab.	4,105
Edwin Winter, Prog.	311,974

FOR STATE TREASURER.

Andrew Russell, Rep.	321,577
William Ryan, Jr., Dem.	402,292
Frank B. Vennum, Pro.	15,385
L. F. Haemer, Soc.	84,031
H. Bloemsma, Soc.-Lab.	4,013
Phillip Decker, Prog.	310,205

FOR ATTORNEY-GENERAL.

William H. Stead, Rep.	322,339
Patrick J. Lucy, Dem.	400,355
Charles Temple, Pro.	15,337
D. J. Bentall, Soc.	84,013
Phillip Veal, Soc.-Lab.	4,082
Fletcher Dobyns, Prog.	309,254

MEMBERS STATE BOARD OF EQUALIZATION.

District.	
1. Louis E. Herrick, Rep.	8,293
Charles J. Murphy, Dem.	11,262
W. H. Rogers, Pro.	304
Joseph H. Greer, Soc.	2,251
C. W. Laing, Prog.	8,439

District.	
2. Charles W. Baldwin, Rep.	14,571
William S. Haskell, Dem.	15,867
E. W. Stevens, Pro.	339
H. J. Leeren, Soc.	4,837
3. Charles W. Secord, Prog.	19,072
Ernest Withall, Rep.	13,545
Frank McGovern, Dem.	15,795
Andrew Camutz, Soc.	5,452
4. John Palt, Rep.	5,887
Johnis P. Sullivan, Dem.	13,202
Ed J. Boulger, Soc.	4,576
5. W. W. Haupt, Rep.	5,353
J. J. Viterna, Dem.	9,979
Jacob Schwartz, Soc.	3,496
6. William J. Stange, Rep.	14,714
Frank P. Duffy, Dem.	21,283
O. E. Larkin, Pro.	372
M. A. Gurley, Soc.	7,654
C. H. Keeber, Prog.	17,623
7. R. L. Kimbell, Rep.	14,087
W. D. Kelly, Dem.	17,119
John E. Larson, Pro.	488
C. E. Larsen, Soc.	14,473
H. E. Malone, Prog.	20,031
8. Joseph Gilmeister, Rep.	5,973
Joseph Rushkewicz, Dem.	10,995
John Nelson, Pro.	378
Christ Sorenson, Soc.	3,697
9. Charles McMahon, Rep.	7,776
Arthur Donoghue, Dem.	10,623
August Lehman, Pro.	271
William Acker, Soc.	4,106
Henry E. Gross, Prog.	9,204
10. J. G. Seebacher, Rep.	11,884
Charles H. Weber, Dem.	16,143
Frank H. Plage, Pro.	553
August A. Cook, Soc.	5,346
H. T. Nightingale, Prog.	21,710
11. R. S. Williams, Rep.	14,805
Fred B. Streeter, Dem.	13,165
L. S. Backus, Pro.	332
J. W. Block, Soc.	1,170
Fred H. Ackerman, Prog.	19,861
12. Dillon S. Brown, Rep.	14,751
Harry Carroll, Dem.	12,856
S. H. Sherwood, Pro.	751
Adam Koos, Soc.	2,102
George C. Talleday, Prog.	19,733
13. Edmund Jackson, Rep.	11,901
A. A. Krape, Dem.	12,379
H. L. Thomasson, Pro.	847
L. D. Agnew, Soc.	640
Isaac N. Evans, Prog.	12,215
14. Charles A. Samuelson, Rep.	14,335
John Day, Dem.	15,672
Joseph J. Milne, Pro.	735
John Higgins, Soc.	2,843
15. Alex Sholl, Rep.	11,224
James R. Albright, Dem.	16,992
W. M. Horton, Pro.	883
D. W. James, Soc.	2,679
J. L. Kelsey, Prog.	15,287
16. John R. Knight, Rep.	10,663
Charles J. Skagas, Dem.	17,167
W. L. Mills, Pro.	585
Ray Vollmer, Soc.	2,539
Dietrich F. Velde, Prog.	13,941
17. James M. Lyon, Rep.	12,113
W. E. Baker, Dem.	14,740
Frank L. Garst, Pro.	787
Adolf Schreiber, Soc.	880
John E. Maloney, Prog.	10,456
18. Frank P. Martin, Rep.	13,320
George B. McNamee, Dem.	13,034
T. H. Vane, Pro.	1,107
H. P. Stevens, Soc.	1,031
Charles S. Levings, Prog.	11,289
19. John A. Reeve, Rep.	17,390
Marion Watson, Dem.	21,866
A. D. Bridgman, Pro.	972
J. W. Easley, Soc.	915
A. H. Hill, Prog.	14,262
20. L. F. Berger, Rep.	9,833
Louis D. Hirsheimer, Dem.	20,341
David L. Dare, Pro.	710
George Smith, Soc.	819
William Mumford, Prog.	7,137

District.

21. Joseph F. Bunn, Rep.	13,883
A. W. Crawford, Dem.	20,584
John Ware, Pro.	867
T. J. Mitchell, Soc.	2,571
E. W. Hight, Prog.	7,449
22. Edward W. Hilker, Rep.	18,904
Charles Becker, Dem.	22,166
Alex J. Mathews, Pro.	734
J. T. Lilley, Soc.	4,399
Adam Gintz, Prog.	7,418
23. Charles R. Lengfelder, Rep.	13,450
H. Gregory Weber, Dem.	25,502
Albert Poland, Pro.	1,163
J. C. Wibel, Soc.	1,428
Rhoda Kelley, Prog.	9,518
24. Daniel F. Rose, Rep.	15,545
Louis W. Goetzman, Dem.	16,959
B. M. Echols, Pro.	746
C. B. Titus, Soc.	1,321
E. E. Gilligan, Prog.	6,510
25. J. P. Nesbitt, Rep.	16,816
Albert L. Cline, Dem.	19,909
Ellsworth East, Pro.	828
D. W. Kennedy, Soc.	2,091
A. J. Phillips, Prog.	6,541

TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

A. P. Grout, Rep.	307,287
Carrie Alexander-Bahrenburg, Rep.	296,326
P. A. Peterson, Rep.	303,581
John R. Trevett, Dem.	404,389
Helen M. Henrotin, Dem.	407,423
Florence Elinor Watson, Dem.	399,803
Helen L. Hood, Pro.	17,552
Jonathan Seaman, Pro.	16,862
Bettie P. Ramsey, Pro.	16,661
Hazel Black-Cherney, Soc.	84,635
May O'Reilly, Soc.	84,466

Josephine Conger-Kaneko, Soc.	83,868
Mrs. O. W. Neebe, Soc.-Lab.	4,239
Marie E. Mollberg, Soc.-Lab.	4,226
Anna R. Carroll, Soc.-Lab.	4,218
B. F. Harris, Prog.	322,760
Margaret Drieier Robins, Prog.	317,891
Frederick L. Hatch, Prog.	318,135

QUESTIONS OF PUBLIC POLICY.

No. 1—Shall the next general assembly (in order that the people may be relieved of a system of taxation which places a comparatively heavier burden upon the poor man than upon his wealthier neighbor, which is unjust to all who fall under the full force of its operation and which places a premium upon dishonesty) submit to the voters of the state of Illinois at the next following state election an amendment to the state constitution providing for the classification of property for purposes of taxation with taxes uniform as to each class within the jurisdiction levying the same?

Yes.....541,189 | No.....187,467

No. 2—Shall the next general assembly revise the primary election act to abolish the scandals and disorder now incident to the filing of petitions, to increase the secrecy of the ballot and the political freedom of the voter, to simplify the system and reduce the expense of elections and to encourage a greater popular participation in primary elections to the end that nominations may represent more truly the judgment of majorities?

Yes.....524,171 | No.....158,531

No. 3—Shall the next general assembly create a legislative commission to investigate the most practicable means of shortening our cumbersome ballot and report to the 49th general assembly its recommendations.

Yes.....508,780 | No.....165,270

INDIANA (Population in 1910, 2,790,876).

Population in 1910	COUNTIES. (32)	PRESIDENT 1912					PRESIDENT 1908				
		Dem. Wilson	Rep. Taft	Pro. Chafin	Prog. Roosevelt	Soc. S. L. Debs	Dem. Bryan	Rep. Taft	Pro. Chafin	S. L. Soc. Gillhaus	Peo. Ind. Debo Wats'n Higgen
21840	Adams.....	2961	917	159	732	30	3404	1726	141	—	13 5
93386	Allen.....	8659	9123	602	4246	132	12145	9406	340	14	49 11 41
24836	Bartholomew.....	2417	1321	237	1620	136	3837	3306	151	3	68 7 4
12183	Benton.....	1425	1030	103	796	30	1566	1936	103	—	15 1
15820	Blackford.....	1651	399	146	1163	256	9	2314	1835	166	1 42
24673	Boone.....	3280	1181	156	2014	90	14	3525	3471	196	1 11 17 7
7975	Brown.....	909	305	52	253	12	2	1177	663	68	— 5 3
17970	Carroll.....	2275	1467	132	926	83	—	2560	2546	152	2 68 6 1
36983	Cass.....	4421	1573	207	3094	187	29	5254	4700	349	8 38 13
30260	Clark.....	5315	805	70	2263	137	15	4085	3706	12	3 68 9 1
32360	Clay.....	3237	1404	241	1611	337	31	4204	3766	110	8 499 11 3
26674	Clinton.....	3255	2182	189	1821	219	24	3680	3626	281	1 78 13 3
12057	Crawford.....	1159	693	179	542	128	4	1539	1403	126	1 82 2 —
27747	Davies.....	2759	2005	150	1061	327	39	3253	3424	134	9 204 53 —
21396	Dearborn.....	2957	1396	89	701	146	9	3365	2520	94	1 41 3 3
18799	Decatur.....	2246	1263	130	1436	88	7	2564	2838	159	1 39 6 —
25054	DeKalb.....	2766	1125	244	1623	437	16	3654	2891	387	2 63 5 20
5114	Delaware.....	4113	2018	637	4059	1199	52	5725	7014	475	19 136 120 7
19433	Dubois.....	3452	626	54	606	106	—	3344	1397	38	— 58 2 1
49008	Elkhart.....	4300	1199	563	4533	856	102	5697	6245	506	8 400 3 10
14415	Fayette.....	1455	1030	68	1214	231	21	1700	2394	114	1 81 1 2
30293	Floyd.....	3236	669	90	2580	341	20	4064	3431	94	4 236 4 4
20439	Fountain.....	2449	1560	123	1067	140	21	2846	2894	122	2 45 8 1
15335	Franklin.....	2306	929	80	630	30	1	2616	1670	74	1 7 — —
16879	Fulton.....	2022	1437	213	694	70	8	2350	2426	125	— 13 1 2
31377	Gibson.....	3224	2132	423	2184	1267	19	3656	3231	221	5 86 9 1
29226	Grant.....	4390	3899	1015	2185	1323	181	5819	7181	1140	32 339 11 9
38573	Greene.....	3373	2156	148	1563	1203	143	4172	4145	84	23 990 29 2
27026	Hamilton.....	2463	2247	399	1834	50	19	2947	4421	435	— 24 1 —
19030	Hancock.....	2594	738	149	1375	133	9	3040	2472	146	— 22 2 1
20232	Harrison.....	2106	900	93	1219	118	13	2646	2419	100	2 67 3 2
20840	Hendricks.....	2372	1439	142	1495	48	7	2571	3231	146	2 2 — 5
29758	Henry.....	2687	2479	908	1550	437	56	3197	4358	332	3 21 2 1
51427	Howard.....	4448	2805	423	2184	1267	19	3487	4423	550	9 235 5 1
28082	Huntington.....	3119	2108	399	1586	252	12	3712	3973	405	8 241 3 2
24737	Jackson.....	3225	921	96	1236	175	14	3783	2631	140	3 30 1 1
13014	Jasper.....	1292	1238	59	694	14	1	1495	1399	70	— 7 1 1
24961	Jay.....	2786	1282	398	1506	218	10	3370	3256	426	3 53 7 2
20483	Jefferson.....	2325	1563	158	943	137	5	2708	2365	176	5 97 2 —
14303	Jennings.....	1577	955	69	839	87	8	1871	2100	101	2 21 4 —
23694	Johnson.....	2690	324	211	1408	49	13	3268	2519	139	8 1 — 1
39178	Knox.....	4448	2805	423	2184	1267	19	3487	4423	550	9 235 5 1
27546	Kosciusko.....	2817	1767	307	2096	210	23	3562	4377	233	11 54 2 1
15148	Lagrange.....	1233	759	96	1402	22	1	1414	2357	133	— 10 2 4
82864	Lake.....	5136	5176	139	5659	1182	191	5502	9499	125	28 303 8 114
45797	Laporte.....	4847	2701	120	2749	397	48	5680	5824	126	3 103 1 23
30625	Lawrence.....	2579	1633	91	2106	398	33	3118	3884	93	4 119 3 8

Population.	Wilson	Taft	Chas'n	Roosevelt	Debe	Reimer	Bryan	Taft	Chas'n	Gillhaus	Debe	Wats'n	Hiegen
65224 Madison.....	6676	1771	455	4751	1947	157..	8296	7481	497	26	894	5	5
263961 Marion.....	23856	12282	1241	18396	5268	418..	34078	34351	889	116	1075	75	46
24175 Marshall.....	2859	1198	182	1490	184	17..	3287	2417	199	5	55	5	—
12350 Martin.....	1440	975	27	553	22	3..	1733	1867	34	—	11	3	—
29350 Miami.....	3366	1426	253	1965	422	32..	4176	3820	233	11	187	12	1
23426 Monroe.....	2396	1388	130	1497	84	16..	2780	3051	77	—	14	4	—
29296 Montgomery.....	3821	2147	222	1246	173	7..	4227	4427	195	3	44	18	5
21182 Morgan.....	2608	1353	176	1236	185	26..	2759	3074	121	—	44	1	1
10504 Newton.....	965	892	96	633	25	2..	1190	1645	65	—	8	2	3
24003 Noble.....	2888	1413	191	184	19	8..	3249	3507	120	1	28	3	—
4320 Ohio.....	553	404	39	120	9	—	—	219	16	—	—	—	—
17192 Orange.....	1830	1521	55	849	53	5..	1961	2433	70	2	44	2	—
14053 Owen.....	1621	711	66	784	161	12..	2023	1726	61	3	51	10	2
22214 Parke.....	2031	1891	254	684	346	11..	2707	3026	315	5	204	1	1
18078 Perry.....	1931	520	30	1130	34	5..	2356	1903	34	—	67	—	2
19684 Pike.....	1984	1515	68	489	208	4..	2360	2359	59	5	131	4	9
20540 Porter.....	1552	1510	45	1241	120	12..	1789	2940	78	5	59	3	36
21670 Posey.....	2767	1193	140	745	132	4..	2034	2444	147	3	69	5	—
13312 Pulaski.....	1250	729	222	586	135	14..	1832	1561	110	2	14	11	2
20520 Putnam.....	2622	1354	92	1079	91	7..	3131	2626	121	1	36	8	3
29013 Randolph.....	2158	1988	366	2471	272	20..	2600	4792	380	2	87	6	1
19452 Ripley.....	2431	1492	77	884	163	23..	2749	2660	88	5	76	2	2
19349 Rush.....	2312	1931	185	1075	77	6..	2544	3102	191	3	13	4	—
8323 Scott.....	1093	327	34	531	18	—	1243	979	51	—	3	3	—
26802 Shelby.....	2482	1252	235	1939	319	21..	4055	3529	252	2	95	9	1
10567 Spencer.....	1268	1268	115	1142	114	11..	2362	2320	60	2	12	13	—
10567 Starke.....	1208	787	49	696	54	6..	1305	1521	43	2	39	4	—
14274 Steuben.....	1296	1290	477	1210	41	5..	1453	2704	182	2	13	5	2
84512 St. Joseph.....	5391	3146	452	5240	1285	87..	8562	11222	272	15	705	10	27
32439 Sullivan.....	3707	1406	274	1068	1045	99..	4657	2942	58	1	14	1	3
9014 Switzerland.....	1942	882	62	822	75	5..	1537	1444	225	16	398	7	—
40063 Tippecanoe.....	4442	3006	173	2838	191	3..	4984	6164	289	3	65	8	26
17459 Tipton.....	2185	1262	201	914	115	13..	2556	2385	183	1	13	7	1
6280 Union.....	705	643	63	542	38	—	806	1066	73	—	18	—	—
77438 Vanderburg.....	7219	4839	187	2738	2572	127..	8033	9116	135	90	1034	21	14
18865 Vermilion.....	1780	1621	230	680	550	21..	1844	2568	217	8	407	5	3
87930 Vigo.....	7256	3103	707	4688	1862	144..	10685	10223	257	23	690	456	8
26226 Wabash.....	2371	1363	285	2432	308	50..	3116	4091	337	5	87	3	1
10899 Warren.....	872	1183	64	695	46	—	1045	2062	70	—	3	4	—
21911 Warrick.....	2218	1421	254	819	310	37..	2752	2839	138	7	101	1	1
17445 Washington.....	2235	71	63	1113	61	—	2573	1976	74	—	12	—	—
43737 Wayne.....	3265	1851	229	4457	1022	61..	4536	6731	179	7	308	2	8
22418 Wells.....	2760	812	301	1060	132	7..	3345	2185	482	3	65	3	—
17602 White.....	2059	1613	99	822	41	5..	2326	2423	144	1	19	6	—
16852 Whitley.....	2206	1082	154	990	70	4..	2493	2302	134	1	13	—	—
Total.....	281890	151267	19248	162907	36331	3130..	338292	348963	18045	643	13476	1193	514
Plurality.....	119883	—	—	—	—	—	10731	—	—	—	—	—	—
Per cent.....	43.07	23.11	2.94	24.76	5.64	48..	46.91	48.39	2.50	10	1.87	.16	.07
Total vote.....	654473	—	—	—	—	—	721126	—	—	—	—	—	—

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. The counties of Gibson, Pike, Posey, Spencer, Vanderburg and Warrick.	11,242
Charles F. Lieb, Dem.....	1,378
David H. Ortmyer, Rep.....	10,797
George E. Flannigan, Pro.....	2,129
Humphrey C. Heldt, Pro.....	—
William H. Rainey, Soc.....	—
2. The counties of Daviess, Greene, Knox, Lawrence, Martin, Monroe, Owen and Sullivan.	11,242
William H. Cullop, Dem.....	15,858
Oscar E. Oland, Rep.....	6,001
Isaac C. Evman, Pro.....	3,883
John N. Dyer, Prog.....	—
James L. B. Shepherd, Soc.....	—
3. The counties of Clark, Crawford, Dubois, Floyd, Harrison, Perry, Orange, Scott and Washington.	11,242
William E. Cox, Dem.....	12,436
William D. Barnes, Rep.....	1,036
H. W. White, Pro.....	7,540
S. G. Wilkinson, Prog.....	1,000
John Zahnd, Soc.....	—
4. The counties of Bartholomew, Brown, Dearborn, Jackson, Jefferson, Jennings, Johnson, Ohio, Ripley and Switzerland.	11,242
Lincoln Dixon, Dem.....	12,436
Rollin A. Turner, Rep.....	1,036
Henry Thompson, Pro.....	7,540
Charles Zoller, Jr., Prog.....	1,000
William F. Carmichael, Soc.....	—
5. The counties of Clay, Hendricks, Morgan, Parke, Putnam, Vermilion and Vigo.	11,242
Ralph W. Moss, Dem.....	11,995
F. W. Blankenbaker, Rep.....	1,444
John S. L. Myers, Pro.....	3,351
William Houston, Prog.....	8,268
Joseph W. Amis, Soc.....	—
6. The counties of Decatur, Fayette, Franklin, Hancock, Henry, Rush, Shelby, Union and Wayne.	11,242
Finly H. Gray, Dem.....	19,987
William L. Risk, Rep.....	11,242
Mercer Brown, Pro.....	1,378
Gurliel Jensen, Prog.....	10,797
F. Foster Van Vorhis, Soc.....	2,129
7. The county of Marion.	11,242
Charles A. Korbly, Dem.....	28,901
Thomas R. Shipp, Rep.....	13,320
Albert Stark, Pro.....	1,387
J. V. Zartman, Prog.....	18,402
Frank J. Hays, Soc.....	5,501
8. The counties of Adams, Delaware, Jay, Madison, Randolph and Wells.	11,242
J. A. M. Adair, Dem.....	23,530
J. P. Watts, Rep.....	8,298
J. Walter Gibson, Pro.....	2,033
E. C. Toner, Prog.....	13,157
Hunter McDonald, Soc.....	3,611
9. The counties of Boone, Carroll, Clinton, Fountain, Hamilton, Howard, Montgomery and Tipton.	11,242
M. A. Morrison, Dem.....	23,574
William Robinson, Rep.....	15,901
A. M. Ewing, Pro.....	1,562
John F. Neal, Prog.....	9,205
George N. Keller, Soc.....	2,011
10. The counties of Benton, Jasper, Lake, Lanorte, Newton, Porter, Tippecanoe, Warren and White.	11,242
John B. Peterson, Dem.....	18,401
E. D. Crumpacker, Rep.....	17,294
William R. Herdich, Pro.....	591
John S. Bowers, Prog.....	9,793
A. K. Mark, Soc.....	1,370
11. The counties of Blackford, Cass, Grant, Huntington, Miami and Wabash.	11,242
George W. Rauch, Dem.....	21,894
John W. G. Stewart, Rep.....	12,213
Ed H. Kennedy, Pro.....	2,282
Edgar M. Baldwin, Prog.....	10,830
Ernest Malott, Soc.....	2,813

12. The counties of Allen, Dekalb, Lagrange, Noble, Steuben and Whitely.	
Cyrus Cline, Dem.	19,903
Charles R. Lane, Rep.	11,147
William F. Dibble, Pro.	2,022
Louis N. Litman, Prog.	8,114
13. The counties of Elkhart, Fulton, Kosciusko, Marshall, Pulaski, St. Joseph and Starke.	
Henry A. Barnhart, Dem.	24,968
Charles A. Carlisle, Rep.	13,787
William Mamer, Pro.	1,343
R. C. Stephens, Prog.	13,824
Erwin H. Cady, Soc.	2,987

LEGISLATURE.	Senate.	House.	J.B.
Democrats	40	95	135
Republicans	9	4	13
Progressives	1	1	2

STATE OFFICERS.
Governor—Samuel M. Ralston, Dem.
Lieutenant-Governor—William P. O'Neill, Dem.
Secretary of State—L. G. Ellingham, Dem.
Auditor—W. H. O'Brien, Dem.
Treasurer—William H. Vollmer, Dem.
Attorney-General—Thomas Honan, Dem.
Reporter Supreme Court—Philip Zoercher, Dem.
Statistician—Thomas Brolley, Dem.
Superintendent Public Instruction—Charles A. Great-house, Dem.

IOWA (Population in 1910, 2,224,771).

COUNTIES.	PRESIDENT 1912					GOVERNOR 1910					PRESIDENT 1908				
	Dem.	Prog.	Rep.	Soc.	Ind.	Dem.	Prog.	Rep.	Soc.	Ind.	Dem.	Prog.	Rep.	Soc.	Ind.
Adair	1135	890	1248	31	88	1738	1279	40	18	2185	1322	45	24	2	1
Adams	1215	571	913	32	52	1374	1262	43	16	1595	1355	57	30	1	—
Allamakee	1767	1273	1269	39	18	2176	1684	35	15	2521	1725	40	7	—	—
Appanoose	2058	969	2556	359	65	2386	2532	74	169	3161	2167	80	322	13	4
Audubon	963	968	692	10	18	1392	989	26	11	1701	1050	33	9	1	1
Benton	2472	1294	1831	199	72	2303	2337	69	176	3180	2418	76	94	2	3
Black Hawk	3702	4724	1601	41	211	3746	3148	485	217	5437	3217	293	244	7	4
Boone	1601	2835	802	537	105	2411	1754	171	267	3698	1958	151	350	4	5
Bremer	1944	741	1013	24	42	1407	1954	33	19	1656	1925	56	14	1	4
Buchanan	1865	1455	1271	23	104	2112	1764	165	19	2552	1880	118	16	2	—
Buena Vista	921	1832	755	61	46	1680	838	89	37	2337	1054	86	66	—	—
Butler	926	1553	903	28	87	1785	968	109	14	2467	994	79	15	—	1
Calhoun	1182	1324	963	85	65	1675	1172	127	39	2353	1512	152	64	7	5
Carroll	2526	1188	694	53	51	1259	2491	69	15	1865	2510	58	12	—	3
Cass	1510	1006	1724	103	62	2259	1589	77	42	2799	1655	47	64	6	3
Cedar	1938	1364	1036	43	39	1973	1979	63	19	2455	1986	67	22	1	1
Cerro Gordo	1742	1813	1394	212	100	2081	1364	117	78	2590	1520	98	60	—	—
Cherokee	1631	1680	351	56	35	1382	1000	73	35	2300	1084	68	24	1	4
Chickasaw	1891	612	1022	35	21	1431	1854	15	23	1571	1877	35	15	1	2
Clarke	910	585	882	21	81	1356	1004	46	9	1624	1154	37	3	1	1
Clay	707	1347	679	50	41	1498	718	39	14	1921	778	41	16	1	—
Clayton	2919	1471	1239	142	90	2152	2906	51	65	2773	3026	61	30	2	3
Clinton	3633	3188	1890	403	91	3402	4642	43	153	4836	4821	80	191	2	4
Crawford	2193	1181	1169	66	61	1611	2436	61	23	2169	2322	69	22	3	3
Dallas	1718	1815	1825	200	144	2536	1670	190	73	3132	1871	142	78	2	2
Davies	1384	1363	1483	21	132	1527	1483	21	132	1527	1483	21	132	2	2
Decatur	1654	773	1351	90	55	1859	1672	53	44	2149	1809	56	58	17	2
Delaware	1889	1145	1394	83	43	1948	1398	48	55	2396	1471	65	36	1	1
Des Moines	3169	2000	2136	537	132	2761	3798	94	372	4153	3975	103	233	2	23
Dickinson	502	850	457	38	15	1006	512	25	81	1109	503	26	25	2	1
Dubue	6237	3421	1620	415	31	2240	6616	53	400	4708	6645	53	427	1	21
Emmett	486	738	612	99	18	1296	459	25	42	1401	522	24	88	—	—
Fayette	2379	2240	1192	260	108	2725	2208	108	112	3599	2281	179	86	1	12
Floyd	1244	1255	1216	142	48	1716	800	88	80	2462	1749	40	15	1	4
Franklin	694	1403	776	67	129	1440	841	57	13	2154	737	50	—	—	—
Freemont	1762	861	973	65	38	1680	1677	55	40	1949	1979	59	21	—	—
Greene	980	1166	1324	29	63	1770	1011	77	13	2574	1152	84	16	—	—
Grundy	1149	1465	421	12	48	1322	1276	67	2	1861	1105	45	1	—	1
Guthrie	1390	1303	1258	74	72	2047	1440	101	15	2560	1532	60	11	3	1
Hamilton	1041	2282	831	68	68	1514	962	148	32	2765	1145	109	34	—	3
Hamock	2421	839	860	8	90	1221	651	23	4	1750	804	49	9	—	—
Hardy	1072	2389	867	201	161	2812	2812	24	132	3437	145	19	—	—	2
Harrison	2157	1336	1528	226	74	2409	2013	86	119	2914	2425	111	108	1	2
Henry	1860	856	1663	47	105	2044	1461	81	18	2633	1606	82	11	1	3
Howard	1416	867	750	69	68	1311	1266	50	65	1530	1408	57	55	1	3
Humboldt	634	1377	477	16	39	1307	613	64	20	1818	587	54	9	—	—
Ida	1087	1144	530	18	13	1214	1169	9	8	1367	1181	19	13	—	2
Iowa	1841	875	1237	24	45	1712	2089	69	26	2230	1907	83	19	—	2
Jackson	2125	1063	1378	179	255	2430	3331	19	117	3363	2387	145	9	13	3
Jasper	2467	1531	1768	87	161	2807	2480	172	207	3543	2889	152	91	2	4
Jefferson	1311	786	1378	72	115	1819	1309	136	44	2271	1439	166	17	2	1
Johnson	3327	763	1645	92	59	2200	3014	74	46	2758	3314	50	14	9	6
Jones	2189	680	1622	34	33	2032	2025	72	31	2453	2176	52	23	2	1
Keokuk	2434	1232	1361	74	119	2525	2376	166	44	2728	2459	151	40	—	2
Kossuth	1813	1960	857	21	35	1831	1715	45	14	2612	1826	35	9	—	—
Lee	3391	2239	2016	285	55	3121	4227	78	150	4262	4706	73	86	6	11
Lincoln	5426	3063	4326	487	242	4439	191	191	191	5450	213	121	2	23	4
Linn	851	891	1070	58	43	1709	1222	42	35	2025	144	13	—	—	—
Lucas	968	855	939	110	52	1504	1012	119	58	1757	1237	109	25	2	1
Lyon	896	1361	412	89	19	1362	1198	31	62	1650	1064	29	56	—	—
Madison	1185	1121	1274	89	104	1979	1249	108	68	2425	1404	182	56	6	—
Mahaska	2576	1705	1682	202	283	3240	2712	379	157	3336	3035	95	5	3	3
Marion	2276	1419	1191	297	72	2279	2323	126	298	2625	2739	190	154	5	9
Marshall	2192	3106	926	334	199	1717	2236	332	236	3367	1491	809	165	2	3
Mills	1531	1312	850	67	30	1857	1372	42	20	1939	1422	56	17	2	6
Mitchell	1082	1171	690	29	30	1459	856	34	38	1932	888	36	9	1	—
Monona	1358	1289	1109	36	32	1758	1490	54	25	1977	1732	35	11	2	—
Monroe	2485	1495	1385	586	61	2403	1693	73	458	2686	1979	112	418	7	5
Montgomery	1206	1713	917	106	32	2080	1070	54	77	2532	1282	74	91	1	3
Muscataine	2697	2796	789	758	88	2867	3112	56	640	3525	3038	85	475	2	6
O'Brien	1506	1659	629	53	32	1650	*1512	59	40	1912	1326	36	36	—	4
Osceola	786	1009	520	20	14	853	762	16	18	1000	777	18	11	1	—

Population.	Wilson	Roosevelt	Taft	Debs	Chaffin	Carroll	Porter	McEachron	Taft	Bryan	Chaffin	Debs	Watson	Higien
24002 Page.....	1462	2216	980	197	132..	2640	1377	154	117..	3141	1726	196	101	5
13845 Palo Alto.....	1274	755	953	101	62..	1347	1290	45	71..	1639	1340	59	61	4
23129 Plymouth.....	2038	2005	825	28	46..	2008	2122	66	33..	2622	2168	99	39	1
14908 Pocahontas.....	1176	1277	760	67	29..	1436	1177	46	53..	1357	1315	35	22	3
10483 Polk.....	7295	8110	4065	1638	866..	6877	7414	975	739..	12555	7324	527	601	2
5632 Pottawattamie.....	4083	4538	1733	439	93..	4840	4775	122	94..	5720	5520	169	162	2
19589 Poweshiek.....	1631	1792	902	107	113..	2298	1535	168	54..	2794	1661	184	33	3
12024 Ringgold.....	958	939	916	45	70..	1590	964	72	15..	1940	1092	83	15	1
16555 Sac.....	1124	1819	622	58	42..	1461	993	63	22..	2366	1230	74	21	2
60090 Scott.....	5632	4977	1568	1444	58..	3862	6487	58	778..	6845	5845	71	667	3
16552 Shelby.....	1841	1073	872	33	29..	1753	1919	53	29..	1973	1965	53	33	3
2528 Sioux.....	1453	2596	575	65	15..	2298	1403	88	41..	2687	1801	52	22	1
24083 Story.....	1247	1247	1247	172	172..	2633	1089	202	54..	3700	1185	293	52	1
22156 Tama.....	2446	1722	1179	45	73..	2281	2574	107	19..	2744	2550	151	38	20
16212 Taylor.....	1372	899	1365	40	78..	2087	1310	57	38..	2460	1585	94	46	1
16616 Union.....	1528	1115	1076	75	79..	1774	1673	121	51..	2207	1843	124	37	4
15020 Van Buren.....	1495	675	1538	52	63..	1875	1492	74	30..	2133	1730	77	17	2
37743 Wapello.....	3102	1838	2755	699	76..	3608	3443	84	615..	4541	3724	124	551	3
18194 Warren.....	1396	1102	1386	53	114..	2229	1297	161	22..	2589	1645	163	19	2
19225 Washington.....	2003	1530	1267	84	116..	2187	1875	136	95..	2631	2119	122	17	1
16134 Wayne.....	1531	736	1108	88	113..	1810	1742	115	59..	2082	1756	119	45	1
34629 Webster.....	2370	1371	2123	316	147..	2900	2556	205	137..	3658	2574	241	192	4
11914 Winneshaw.....	390	1035	532	142	132..	1190	439	84	26..	1710	489	40	9	—
21729 Winneshiek.....	2105	2136	802	61	26..	2530	2019	39	39..	2767	2008	65	29	1
67616 Woodbury.....	4564	5463	2441	440	165..	3724	3880	220	253..	6587	5222	256	230	9
9950 Worth.....	402	1147	354	42	37..	1218	381	35	12..	1493	449	30	16	—
17361 Wright.....	755	1856	805	54	75..	1391	776	107	20..	2498	866	77	10	—
Total.....	185295	161819	119803	16967	8440	205666	187297	10212	9700	275910	200771	9837	8287	261
Plurality.....	23546					18379				74439				404
Percent.....	37.63	32.87	24.34	3.45	1.71..	49.81	45.36	2.43	2.35..	55.63	40.58	1.99	1.65	.10
Total vote.....	492356					412865				494770				

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Des Moines, Henry, Jefferson, Lee, Louisa, Van Buren and Washington.	14,167
Charles A. Kennedy, Rep.....	12,114
Joshua E. Elder, Dem.....	6,457
Joe S. Crall, Prog.....	882
Frank Rubisch, Soc.....	882
2. Counties of Clinton, Iowa, Jackson, Johnson, Muscatine and Scott.	24,769
Irven S. Pepper, Dem.....	3,176
Michael T. Kennedy, Soc.....	953
C. C. Bacon, Pro.....	953
3. Counties of Black Hawk, Bremer, Buchanan, Butler, Delaware, Dubuque, Franklin, Hardin and Wright.	19,445
Maurice Connolly, Dem.....	18,166
Charles E. Pickett, Rep.....	6,640
R. E. Leach, Prog.....	952
D. S. Cameron, Soc.....	727
S. F. D. Kennedy, Pro.....	727
4. Counties of Allamakee, Cerro Gordo, Chickasaw, Clayton, Fayette, Floyd, Howard, Mitchell, Winneshiek and Worth.	19,829
Gilbert N. Haugen, Rep.....	16,764
G. A. Meyer, Dem.....	714
James S. Mott, Soc.....	382
Thomas McElroy, Pro.....	382
5. Counties of Benton, Cedar, Grundy, Jones, Linn, Marshall and Tama.	19,034
James W. Good, Rep.....	17,631
S. C. Huber, Dem.....	1,870
Fred A. Niles, Prog.....	941
Louis N. Nock, Soc.....	522
F. J. Thomas, Pro.....	522
6. Counties of Davis, Jasper, Keokuk, Mahaska, Poweshiek and Wapello.	14,915
Sant Kirkpatrick, Dem.....	13,796
M. A. McCord, Rep.....	4,350
John H. Patton, Pro.....	2,060
Andrew Engle, Soc.....	2,060
7. Counties of Dallas, Madison, Marion, Polk, Story and Warren.	17,465
Solomon F. Prouty, Rep.....	14,075
Clint L. Price, Dem.....	5,944
George C. White, Prog.....	1,963
Andy Swanson, Soc.....	1,026
Ira D. Kellogg, Pro.....	1,026
8. Counties of Adams, Appanoose, Clarke, Decatur, Fremont, Lucas, Page, Ringgold, Taylor, Union and Wayne.	18,462
Horace M. Fowner, Rep.....	15,477
V. R. McGinnis, Dem.....	2,704
Lawrence W. Laughlin, Prog.....	871
S. D. Mercer, Soc.....	871
9. Counties of Adair, Audubon, Cass, Guthrie, Harrison, Mills, Montgomery, Pottawattamie and Shelby.	20,030
William B. Green, Rep.....	16,369
Orris Mosher, Dem.....	873
Arthur C. Kelly, Soc.....	873
W. B. Creadson, Pro.....	873
10. Counties of Boone, Calhoun, Carroll, Crawford, Emmet, Greene, Hamilton, Hancock, Humboldt, Kossuth, Palo Alto, Pocahontas, Webster and Winneshaw.	25,263
Frank P. Woods, Rep.....	15,242
Nelson L. Root, Dem.....	5,251
Sheppard B. Philpot, Prog.....	1,091
A. E. Moxley, Soc.....	1,091
11. Counties of Buena Vista, Cherokee, Clay, Dickinson, Ida, Lyon, Monona, O'Brien, Osceola, Plymouth, Sac, Sioux and Woodbury.	18,568
George C. Scott, Rep.....	16,168
Anthony Van Wegenen, Dem.....	10,405
Joseph W. Hallam, Prog.....	810
John W. Bennett, Soc.....	371
A. Jamieson, Pro.....	371

LEGISLATURE. Senate House, J. B.

Republicans.....	33	65	99
Democrats.....	17	42	59

STATE OFFICERS. (All republicans.)

Governor—George W. Clarke.
 Lieutenant-Governor—William L. Harding.
 Secretary of State—William S. Allen.
 Auditor of State—John L. Bleakly.
 Treasurer of State—William C. Brown.
 Attorney-General—George Cosson.

KANSAS (Population in 1910, 1,690,949).

COUNTIES. —PRESIDENT 1912.—PRES. 1908.—

Population	Rep.	Dem.	Soc.	Prog.	Rep.	Dem.
(105)	Taft	Wilson	Debs	McEachron	Taft	Bryan
27640 Allen.....	1632	1739	351	1003	3282	2579
13829 Anderson.....	618	1365	191	934	1722	1512
28107 Atchison.....	1535	2449	91	1527..	3244	2536
9916 Barber.....	295	883	112	1027..	1097	854
17876 Barton.....	692	2054	195	1113..	1729	2004
24007 Bourbon.....	1448	2209	707	991..	2895	2686
21314 Brown.....	1512	1774	119	1455..	2778	2044
22959 Butler.....	971	2085	225	2096..	3049	2280
7527 Chase.....	476	812	82	537..	1021	834
11429 Chautauqua.....	818	762	277	762..	1689	958
38162 Cherokee.....	1994	2641	2006	872..	3893	3819
4248 Cheyenne.....	140	301	125	302..	486	339
4053 Clark.....	162	455	55	412..	386	350
15251 Clay.....	843	1373	249	1250..	1858	1495
18398 Cloud.....	829	1658	280	1289..	2170	1663
15305 Coffey.....	681	1581	184	1180..	2094	1729
3281 Comanche.....	150	391	77	537..	392	245

Population.	Taft	Wilson	Debs	Roosevelt	Smith	Dryan
31790 Cowley.....	1133	2539	820	2594	3578	2996
51178 Decatur.....	2676	2781	3753	1427	5152	4230
8976 Crawford.....	256	953	121	388	898	1250
24361 Dickinson.....	988	2182	288	1367	2886	2282
14422 Doniphan.....	1321	1017	92	945	2307	1011
24724 Douglas.....	1133	1888	129	2053	3279	2010
7053 Edwards.....	276	764	96	584	775	704
10148 Ellis.....	605	971	207	735	1157	1032
12170 Ellis.....	151	138	38	585	768	1421
10444 Ellsworth.....	533	1045	45	860	1213	1039
6908 Finney.....	328	573	133	586	1000	551
11336 Ford.....	529	1125	165	939	1333	1089
20884 Franklin.....	672	1970	276	1871	2658	2155
12681 Geary.....	387	800	121	918	1257	1053
6044 Gove.....	170	355	35	356	632	450
10000 Graham.....	327	636	169	481	911	723
1057 Grant.....	56	80	22	111	178	133
3121 Gray.....	112	243	80	267	372	338
1335 Greeley.....	95	33	33	106	206	89
16060 Greenwood.....	954	1331	281	1120	2370	1545
3360 Hamilton.....	134	263	33	199	415	275
14748 Harper.....	365	1274	203	1296	1490	1404
19230 Harvey.....	703	1459	190	1690	2305	1475
3293 Haskell.....	151	100	21	56	172	139
2930 Hodgeman.....	136	302	35	319	411	280
10861 Jackson.....	1027	1565	45	1286	2201	1494
15826 Jefferson.....	1158	1550	74	1116	2270	1720
18148 Jewell.....	906	1871	143	1497	2410	1932
18288 Johnson.....	894	1837	157	1562	2313	2091
3206 Kearny.....	113	236	83	232	435	304
13386 Kingman.....	386	1421	149	1100	1442	1479
5174 Kiowa.....	276	1406	72	549	690	409
31423 Labette.....	1516	2568	1107	1746	3367	2753
2933 Lane.....	158	237	72	155	357	271
14207 Leavenworth.....	2562	3009	314	1773	4846	3818
10142 Lincoln.....	381	1091	103	853	1216	1117
14735 Linn.....	858	1283	389	1052	1850	1657
4240 Logan.....	166	259	81	315	524	308
24927 Lyon.....	962	2363	322	1878	2973	2362
22415 Marion.....	853	1732	217	1540	2546	1747
22890 Marshall.....	1492	2775	178	1581	5296	2514
21321 McPherson.....	455	1659	147	2406	2708	1905
5055 Meade.....	204	383	110	418	560	386
20080 Miami.....	1033	1919	239	1165	2475	2256
14089 Mitchell.....	737	1441	212	951	1765	1570
49474 Montgomery.....	1842	3011	1194	2924	5166	4030
12397 Morris.....	487	1144	79	1244	1788	1273
13353 Morton.....	120	144	35	130	190	140
13122 Nemaha.....	961	1936	40	1393	2394	2152
23754 Neosho.....	1580	1968	472	1190	2929	2386
5883 Ness.....	232	458	126	464	635	461
11614 Norton.....	508	1081	141	674	1448	1337
19905 Osage.....	590	1969	417	1588	2671	2288
12827 Osborne.....	733	970	105	915	1665	1252
11811 Ottawa.....	517	1264	149	899	1444	1285
18559 Pawnee.....	366	1050	77	750	1000	961
14150 Phillips.....	594	1257	142	1181	1762	1490
17522 Pottawatomie.....	1058	1569	55	1504	2670	1680
11156 Pratt.....	372	947	168	984	1193	1027
6380 Rawlins.....	220	568	181	354	719	732
37853 Reno.....	1696	3381	480	2520	4092	3381
17447 Republic.....	895	1816	127	1218	2156	1905
15106 Rice.....	497	1314	122	1186	1832	1407
15783 Riley.....	425	1170	204	1250	2257	1289
11282 Rooks.....	455	1115	715	1280	1003	1003
7826 Rush.....	210	870	92	659	764	894
10800 Russell.....	416	983	65	903	1390	976
20338 Saline.....	594	2263	221	1773	2297	2134
3047 Scott.....	56	247	71	232	324	294
73095 Sedgewick.....	1416	5733	801	6516	6756	6049
4091 Seward.....	155	394	131	355	427	413
61874 Shawnee.....	3392	5064	884	4087	5474	5385
2651 Sheridan.....	595	609	52	316	639	631
4549 Sherman.....	129	456	100	290	439	508
15365 Smith.....	970	1534	228	1022	1843	1593
12510 Stafford.....	422	1044	160	938	1334	1135
1034 Stanton.....	42	114	31	77	180	107
2453 Stevens.....	117	237	37	214	258	215
30654 Sumner.....	781	2657	445	2615	3235	2772
5455 Thomas.....	127	432	79	439	569	690
3398 Treco.....	100	449	90	417	617	458
17271 Wabunsee.....	783	1128	73	966	1849	1163
2759 Wallace.....	81	152	37	264	350	206
20229 Washington.....	1326	1914	113	1314	2711	1904
2006 Wichita.....	82	135	41	113	253	173
19910 Wilson.....	648	1304	684	1415	2428	1777
9450 Woodson.....	819	940	173	608	1352	1017
10068 Wyandotte.....	2107	7370	1262	8109	9894	8923

Total.....7484 143670 26807 120123.....197216 161209
 Plurality.....25547.....39007.....
 Per cent.....20.49 39.31 7.33 32.81.....52.46 42.88
 Total vote.....35544.....35946

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Atchison, Brown, Doniphan, Jackson, Jefferson, Leavenworth, Nemaha and Shawnee.
 D. R. Anthony, Rep.....22,981
 J. B. Chapman, Dem.....20,659
 H. B. Conwell, Soc.....768
- Counties of Allen, Anderson, Bourbon, Douglas, Franklin, Johnson, Linn, Miami and Wyandotte.
 J. L. Brady, Rep.....25,007
 Joseph Taggart, Dem.....25,879
 R. S. Thomas, Soc.....3,714
- Counties of Chautauqua, Cherokee, Cowley, Crawford, Elk, Labette, Montgomery, Neosho and Wilson.
 P. P. Campbell, Rep.....20,973
 F. M. Brady, Dem.....20,142
 George D. Brewer, Soc.....12,724
- Counties of Chase, Coffey, Greenwood, Lyon, Marion, Morris, Osage, Pottawatomie, Wabunsee and Woodson.
 F. S. Jackson, Rep.....16,481
 Dudley Doolittle, Dem.....17,003
 S. W. Beach, Soc.....1,534
- Counties of Clay, Cloud, Geary, Dickinson, Marshall, Ottawa, Republic, Riley, Saline and Washington.
 R. R. Rees, Rep.....18,098
 G. T. Helvering, Dem.....19,618
 Grant Chapin, Soc.....1,708
- Counties of Cheyenne, Decatur, Ellis, Ellsworth, Gove, Graham, Jewell, Lincoln, Logan, Mitchell, Norton, Osborne, Phillips, Rawlins, Rooks, Russell, Sheridan, Sherman, Smith, Thomas, Trego and Wallace.
 I. D. Young, Rep.....19,081
 John R. Connelly, Dem.....20,057
 D. W. Stoner, Soc.....2,102
 James K. Lane, Prog.....564
- Counties of Barber, Barton, Clark, Comanche, Edwards, Finney, Ford, Grant, Gray, Greeley, Hamilton, Harper, Hodgeman, Haskell, Kingman, Kiowa, Kearny, Lane, Meade, Morton, Ness, Pawnee, Pratt, Reno, Rice, Rush, Scott, Seward, Stafford, Stevens, Stanton and Wichita.
 G. A. Finley, Rep.....21,720
 G. L. Akeley, Dem.....26,127
 M. L. Amos, Soc.....2,864
 H. R. Ross, Prog.....337
- Counties of Butler, Harvey, McPherson, Sedgewick and Sumner.
 Victor Murdock, Rep.....17,955
 John I. Saunders, Dem.....14,474
 George Burnett, Soc.....1,202

LEGISLATURE. Senate House. J.B.

Democrats.....21 72 93
 Republicans.....13 51 69
 Socialists.....1 2 3

STATE OFFICERS.

Governor—George H. Hodges, Dem.
 Lieutenant-Governor—Shedfield Ingalls, Rep.
 Secretary of State—Charles H. Sessions, Rep.
 Treasurer—Earl Akers, Rep.
 Auditor—W. E. Davis, Rep.
 Attorney-General—John S. Dawson, Rep.
 Superintendent Public Instruction—W. D. Ross, Rep.
 Superintendent Insurance—I. S. Lewis, Rep.
 Chief Justice Supreme Court—W. A. Johnston, Rep.

KENTUCKY (Population in 1910, 2,289,905).

Population in 1912	PRESIDENT 1912			
	Dem.	Rep.	Prog.	Soc. Pro. S.L.
(119)	Wilson	Taft	Roosevelt	Debs Chas. Reed
16503 Adair.....	1398	786	1024	9 17 2
14882 Allen.....	1396	1181	757	16 45 1
10146 Anderson.....	1391	579	419	8 34 2
12830 Ballard.....	1706	555	119	197 157 8
25293 Barren.....	2293	1563	731	48 55 3
13988 Bell.....	1477	1002	235	15 20 2
28447 Bell.....	970	1183	1705	120 22 23
1420 Boone.....	1738	371	142	32 9 3
17462 Bourbon.....	2262	1744	429	16 39 2
23444 Boyd.....	1722	1271	1236	242 26 14
14698 Boyle.....	1798	701	726	22 17 —
10908 Bracken.....	1315	693	278	89 14 4
17540 Breathitt.....	1683	910	396	11 5 2

Population.	Wilson	Taft	Roosevelt	Debs	Chaffin	Reimer	Population.	Wilson	Taft	Roosevelt	Debs	Chaffin	Reimer
21034 Breckinridge.....	1967	1163	1292	67	57	3	11460 Simpson.....	1639	547	418	6	10	1
9487 Bullitt.....	1299	209	472	15	14	3	7567 Spencer.....	1052	271	256	6	8	—
15805 Butler.....	879	1070	988	59	52	9	11981 Taylor.....	1150	468	842	21	32	11
14083 Caldwell.....	1291	2393	236	174	15	3	16488 Todd.....	1482	1435	170	79	12	5
19867 Calloway.....	2580	628	325	258	27	19	14539 Trigg.....	1263	1322	101	162	10	—
56983 Campbell.....	4657	2276	2650	1907	76	97	6512 Trimble.....	1183	163	138	4	22	1
9438 Carlisle.....	1438	148	198	13	12	8	1382 Union.....	2168	642	363	227	13	9
8110 Carroll.....	1573	317	208	3	24	3	31879 Warren.....	3447	1342	1770	55	57	5
21966 Carter.....	1506	1174	1340	79	36	5	13940 Washington.....	1288	723	912	10	12	6
15479 Casey.....	1158	902	806	22	27	3	17518 Wayne.....	1329	1170	312	14	28	4
38845 Christian.....	2784	3520	717	168	36	15	20974 Webster.....	2168	1096	524	89	53	12
17987 Clark.....	2321	1056	658	15	17	—	31382 Whitley.....	998	905	2035	136	12	10
17789 Clay.....	625	1034	516	78	5	4	8864 Wolfe.....	573	395	250	6	6	—
31583 Clinton.....	310	828	112	19	3	—	12571 Woodford.....	1561	779	446	9	13	8
3238 Crittenden.....	1230	1367	371	35	18	2	Total.....	219584	115512	102766	11647	3233	956
9846 Cumberland.....	577	972	156	3	20	—	Plurality.....	104072					
41020 Davless.....	4314	1506	1389	83	92	7	Percent.....	48.37	25.48	22.65	2.58	.71	.21
10469 Edmondson.....	799	736	519	26	9	3	Total vote.....	459698					
9814 Elliott.....	1006	396	136	3	—	—	FOR REPRESENTATIVES IN CONGRESS, 1912.						
12273 Estill.....	875	869	359	12	25	—	1. The counties of Ballard, Caldwell, Calloway,						
47175 Fayette.....	5269	4060	1357	77	52	8	Carlisle, Crittenden, Fulton, Graves, Hickman,						
16086 Fleming.....	1915	1400	143	21	46	6	Lyon, Livingston, Marshall, McCracken and Trigg.						
18623 Floyd.....	1538	961	465	49	4	6	A. W. Barkley, Dem.....	22,591					
21135 Franklin.....	2960	783	604	20	12	1	Charles Furgeson, Rep.....	10,664					
14114 Fulton.....	1609	520	92	58	10	5	I. O. Ford, Soc.....	1,787					
4697 Gallatin.....	906	174	112	2	2	—	2. The counties of Christian, Davless, Hancock,						
11894 Garrard.....	1232	481	1055	7	19	1	Henderson, Hopkins, McLean, Union and Webster.						
10581 Grant.....	1562	837	171	11	27	1	A. O. Stanley, Dem.....	19,739					
33539 Graves.....	8383	863	939	185	39	10	Carr Hawkins, Soc.....	1,462					
19365 Grayson.....	1685	1075	1146	53	3	6	L. R. Fox, Prog.....	6,500					
11571 Green.....	1117	687	670	9	19	2	3. The counties of Allen, Barren, Butler, Edmon-						
18475 Greenup.....	1172	923	889	243	30	14	son, Logan, Metcalfe, Muhlenburg, Simpson, Todd						
8512 Hancock.....	757	268	677	58	23	6	and Warren.						
22896 Hardin.....	2556	632	1280	80	21	4	R. Y. Thomas, Jr., Dem.....	18,220					
10586 Harlan.....	345	612	824	7	7	1	T. B. Dixon, Rep.....	11,181					
16873 Harrison.....	2514	1193	246	21	41	6	J. D. Duncan, Prog.....	7,456					
18173 Hart.....	1674	592	1314	117	21	6	E. L. Davenport, Soc.....	1,192					
28352 Henderson.....	9068	1157	763	363	48	20	4. The counties of Breckinridge, Bullitt, Grayson,						
18716 Henry.....	2274	805	484	13	27	1	Green, Hardin, Hart, Larue, Marion, Meade, Nel-						
11750 Hickman.....	1540	395	134	28	5	2	son, Ohio, Taylor and Washington.						
34291 Hopkins.....	3147	1357	1616	382	47	23	Ben Johnson, Dem.....	22,168					
10734 Jackson.....	216	577	885	12	6	—	John C. Thompson, Rep.....	6,713					
26290 Jefferson.....	24100	3519	23516	1170	210	161	E. R. Bassett, Prog.....	11,907					
12613 Jessamine.....	1506	885	409	12	65	13	L. A. Logsdon, Soc.....	862					
17482 Johnson.....	1064	998	1264	98	12	13	5. The county of Jefferson.						
70355 Kenton.....	7761	2512	2232	1210	87	112	Swager Sherley, Dem.....	24,795					
7370 Knott.....	1114	387	129	7	1	—	E. J. Ashcraft, Rep.....	3,823					
22116 Knox.....	888	1391	1231	55	29	12	Henry I. Fox, Prog.....	23,115					
10701 Larue.....	1235	390	568	22	14	—	Charles Dobbs, Soc.....	1,493					
19872 Laurel.....	1094	1085	1020	123	15	7	J. H. Arnold, Soc.-Lab.....	505					
20067 Lawrence.....	1648	1280	632	48	13	8	6. The counties of Boone, Campbell, Carroll, Gal-						
9531 Lee.....	728	570	400	10	6	2	latin, Grant, Kenton, Pendleton and Trimble.						
8676 Leslie.....	105	606	431	2	1	—	A. S. Rouns, Dem.....	20,690					
10643 Letcher.....	611	978	162	188	33	9	D. B. Wallace, Rep.....	7,255					
16887 Lewis.....	1017	1185	1023	8	1	—	J. G. Blackburn, Prog.....	5,701					
17397 Lincoln.....	1893	842	1001	30	85	2	M. A. Brinkman, Soc.....	2,439					
10627 Livingston.....	1009	732	236	51	12	2	7. The counties of Bourbon, Clark, Estill, Fayette,						
24977 Logan.....	2397	1632	551	96	37	9	Franklin, Henry, Lee, Oldham, Owen, Powell,						
9423 Lyon.....	906	568	187	25	25	1	Scott and Woodford.						
28951 Madison.....	2032	2094	931	26	39	2	J. Campbell-Cantrill, Dem.....	24,617					
13954 Magoffin.....	891	1004	406	7	7	—	J. E. Jones, Prog.....	5,841					
16390 Marion.....	8493	735	742	17	7	2	8. The counties of Adair, Anderson, Boyle, Casey,						
15771 Marshall.....	1675	624	353	85	23	8	Garrard, Jessamine, Lincoln, Madison, Mercer,						
1291 Martin.....	256	655	287	11	6	—	Shelby, Spencer.						
18611 Mason.....	2475	1558	542	30	23	6	Harvey Helm, Dem.....	18,690					
35064 McCracken.....	2248	1308	1085	441	38	7	J. W. Dinsmore, Prog.....	7,631					
McC'rry (new).....	295	411	501	95	6	7	9. The counties of Bracken, Bath, Boyd, Carter,						
13241 McLean.....	1304	822	381	111	30	12	Elliott, Fleming, Greenup, Harrison, Lewis, Law-						
4783 Meade.....	1145	337	439	61	7	6	rence, Mason, Menefee, Morgan, Nicholas, Ro-						
6158 Menifee.....	643	354	90	43	2	3	berson, Rowan, Wolfe, Montgomery, Breathitt.						
14063 Mercer.....	1732	887	606	6	27	3	W. J. Fields, Dem.....	27,415					
20453 Metcalfe.....	857	482	640	9	15	1	Harry Bailey, Rep.....	16,608					
13663 Monroe.....	806	1072	680	6	14	—	E. E. Burtch, Prog.....	8,908					
12868 Montgomery.....	1615	758	410	11	14	1	James A. Williams, Soc.....	1,148					
16259 Morgan.....	1800	876	219	31	11	—	10. The counties of Floyd, Jackson, Johnson, Knott,						
28598 Muhlenberg.....	2093	1098	1099	799	48	13	Letcher, Martin, Magoffin, Owsley, Pike and Perry.						
16380 Nelson.....	2275	751	735	25	14	2	John W. Langley, Rep.....	12,200					
10680 Nicholas.....	1615	700	276	10	4	—	W. T. Stafford, Prog.....	5,286					
27642 Ohio.....	2583	1150	1225	361	44	25	11. The counties of Bell, Clay, Clinton, Cumber-						
7248 Oldham.....	1159	261	319	15	22	2	land, Harlan, Knox, McCreary, Leslie, Monroe,						
14248 Owen.....	2460	430	257	21	16	2	Pulaski, Russell, Rockcastle, Wayne, Whitley and						
7279 Owsley.....	221	711	353	5	3	—	Laurel.						
11985 Pendleton.....	1310	745	365	80	35	4	Ben V. Smith, Dem.....	11,760					
11255 Perry.....	560	1023	114	1	4	2	Caleb Powers, Rep.....	18,531					
31679 Pike.....	2583	277	785	47	25	8	H. H. Seavey, Prog.....	9,044					
6268 Powell.....	647	381	68	6	4	—	M. O. Jackson, Soc.....	677					
33984 Pulaski.....	1898	1731	1785	86	103	24							
1210 Robertson.....	570	158	262	1	5	2							
14473 Rockcastle.....	859	1082	556	10	16	3							
9438 Rowan.....	737	417	458	41	6	4							
10861 Russell.....	713	785	273	41	25	2							
16856 Scott.....	2361	1047	480	17	17	3							
18041 Shelby.....	2487	1129	607	25	25	2							

LEGISLATURE. Senate. House. J. B.

Democrats	33	76	109
Republicans	5	24	29

STATE OFFICERS. (All democrats.)

Governor—James B. McCreary.
 Lieutenant-Governor—Edward J. McDermott.
 Secretary of State—C. F. Creelius.
 Treasurer—Thomas S. Rhea.
 Auditor—Henry M. Bosworth.
 Attorney-General—James Garnett.
 Superintendent Public Instruction—Barksdale Hamlett.

LOUISIANA (Population in 1910, 1,656,388)

Population in 1910.	PARISHES. (64)	PRES. 1912			
		Rep.	Dem.	Prog.	Soc.
		Taft	Wilson	Roosevelt	Debs
31947	Acadia.....	51	1147	164	166
23887	Ascension.....	64	413	135	12
24128	Assumption.....	124	423	171	1
34102	Avoyelles.....	33	949	36	116
21776	Bienville.....	8	822	34	141
21738	Bossier.....	6	427	11	43
58200	Caddo.....	34	1916	129	91
62767	Calcasieu.....	171	2144	362	584
8593	Caldwell.....	18	366	20	106
4288	Cameron.....	15	194	9	—
10415	Catahoula.....	11	275	44	42
25050	Claiborne.....	10	785	20	36
14278	Concordia.....	6	205	6	8
27689	De Soto.....	11	815	19	74
34580	East Baton Rouge.....	46	1076	96	41
11637	East Carroll.....	4	161	19	3
20055	East Feliciana.....	1	422	12	5
	Evangeline (new).....	3	457	15	43
11989	Franklin.....	7	449	39	88
15683	Grant.....	15	446	48	208
31262	Iberia.....	232	666	350	58
30354	Iberville.....	100	487	147	3
13818	Jackson.....	19	561	80	102
18247	Jefferson.....	7	607	97	27
28738	Lafayette.....	244	646	53	76
33111	La Fourche.....	315	677	175	14
9402	La Salle.....	7	365	31	151
18485	Lincoln.....	3	644	42	73
10627	Livingston.....	3	370	67	24
10676	Madison.....	—	146	7	—
18786	Morehouse.....	8	411	9	33
36455	Natchitoches.....	21	759	43	188
38907	Orleans.....	904	26433	4965	732
25830	Ouachita.....	17	902	48	113
12524	Plaquemines.....	41	361	29	5
26289	Pointe Coupee.....	55	304	90	6
44545	Rapides.....	46	1334	110	182
11402	Red River.....	6	857	18	85
15769	Richland.....	2	393	20	22
19874	Sabine.....	28	715	37	115
5277	St. Bernard.....	17	221	11	1
11937	St. Charles.....	28	157	9	16
9172	St. Helena.....	13	214	10	4
14338	St. James.....	228	367	77	7
66661	St. John the Baptist.....	74	190	8	38
23070	St. Landry.....	101	938	150	26
23070	St. Martin.....	68	375	116	23
38968	St. Mary.....	147	652	242	17
18917	St. Tammany.....	30	698	70	44
29160	Tangipahoa.....	40	1061	155	70
17600	Tensas.....	1	220	19	—
28320	Terre Bonne.....	89	455	247	31
20451	Union.....	11	696	26	61
26390	Vermilion.....	124	531	119	119
17384	Vernon.....	44	754	50	434
18886	Washington.....	18	491	48	36
19136	Webster.....	9	636	13	111
12636	West Baton Rouge.....	19	170	15	—
6249	West Carroll.....	1	139	14	77
13449	West Feliciana.....	3	281	30	94
18357	Winn.....	26	600	49	371
	Total.....	3834	60966	9323	5192
	Plurality.....		51643		
	Per cent.....	4.83	76.87	11.75	6.55
	Total vote.....		73815		

*Includes parishes of Beauregard, Allen and Jefferson Davis.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Parishes of Orleans (half), St. Bernard and Plaquemines.	
Albert Estopinal, Dem.	14,770
Richard B. Otero, Ind.	1

2. Parishes of Orleans (half), Jefferson, St. Charles, St. James, St. John.	
H. Garland Dupre, Dem.	14,406
3. Parishes of Assumption, Iberia, Lafayette, La Fourche, St. Martin, St. Mary, Terrebonne, Vermilion.	
Robert F. Broussard, Dem.	5,035
Henri L. Gueydan, Ind.	1
M. T. Gordy, Ind.	1
4. Parishes of Caddo, De Soto, Bossier, Red River, Webster, Bienville, Claiborne.	
John T. Watkins, Dem.	5,693
Lee Norris, Soc.	394
5. Parishes of Catahoula, Jackson, Caldwell, West Carroll, Concordia, East Carroll, Franklin, Madison, Morehouse, Ouachita, Richland, Tensas, Union, Lincoln.	
Walter Elder, Dem.	5,795
6. Parishes of Ascension, Iberville, East Baton Rouge, East Feliciana, Livingston, St. Helena, St. Tammany, Tangipahoe, Washington, West Baton Rouge, West Feliciana, Pointe Coupee.	
Lewis L. Morgan, Dem.	6,101
L. T. Dugazon, Ind.	1
7. Parishes of Acadia, Calcasieu, Cameron, Evangeline, St. Landry, Allen, Beauregard, Jefferson Davis.	
Louis Lazaro, Dem.	4,943
Otis Putnam, Soc.	713
8. Parishes of Avoyelles, Grant, Rapides, Natchitoches, Winn, Sabine, LaSalle, Vernon.	
J. B. Aswell, Dem.	6,033
J. R. Jones, Soc.	1,734

LEGISLATURE.

Both branches of the legislature are democratic.

STATE OFFICERS. (All democrats.)

Governor—Luther E. Hall.
 Lieutenant-Governor—Thomas G. Barret.
 Secretary of State—Alvin E. Hebert.
 Auditor—Paul Capdevielle.
 Treasurer—Ludoux E. Smith.
 Attorney-General—Ruffin G. Pleasant.
 Register of Land Office—Fred J. Gracie.
 Commissioner of Agriculture and Immigration—E. O. Bruner.
 Superintendent of Education—Thomas H. Harris.

MAINE (Population in 1910, 742,371).

Population in 1910.	COUNTIES. (16)	PRESIDENT 1912				PRES. 1908.	
		Dem.	Prog.	Rep.	Soc.	Rep.	Bryan
59822	Androscoggin.	4516	4424	859	316.	4831	3095
74694	Aroostook.....	1924	4739	838	100.	4783	1157
112014	Cumberland.....	8480	6387	5154	355.	10593	5735
19119	Franklin.....	1421	1633	698	38.	2173	930
35575	Hancock.....	2655	1932	1399	156.	3169	1846
52963	Kennebec.....	4397	5195	1782	175.	6133	2842
28881	Knox.....	2751	1392	1097	233.	2228	1932
18216	Lincoln.....	1633	1527	457	83.	1693	1196
39256	Oxford.....	2941	3068	1234	111.	4179	2093
50385	Penobscot.....	5668	5294	3997	145.	7336	3526
19867	Piscataquis.....	1210	1704	807	20.	2157	828
18574	Sagadahoc.....	1331	1129	885	108.	1776	898
36301	Somerset.....	2317	2479	1235	296.	3688	1876
23383	Waldo.....	2145	1636	881	146.	2491	1355
42905	Washington.....	3178	1935	1862	86.	3507	2258
68526	York.....	5121	3751	3990	183.	6700	4076
	Total.....	51113	43493	25545	2541.	66987	35403
	Plurality.....		2620			31854	
	Per cent.....	39.42	37.41	20.48	1.96.	62.99	35.30
	Total vote.....		129636			106335	

For president in 1912 Chaffin, Pro., received 944 votes.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Cumberland and York.	
Asher H. Hinds, Rep.	17,635
Michael T. O'Brien, Dem.	15,580
2. Counties of Androscoggin, Franklin, Knox, Lincoln, Oxford and Sagadahoc.	
William B. Skelton, Rep.	16,796
D. J. McGillicuddy, Dem.	18,077
3. Counties of Hancock, Kennebec, Somerset and Waldo.	
Forest Goodwin, Rep.	17,221
Samuel Gould, Dem.	16,512

4. Counties of Aroostook, Penobscot, Piscataquis and Washington.

Frank E. Guernsey, Rep. 20,198
Charles W. Mullen, Dem. 16,725

LEGISLATURE. Senate. House. J. B.
Republicans 21 75 99
Democrats 10 73 83

STATE OFFICERS (1912).

(New state officers to be elected by legislature in

January, 1913.)

Governor—Frederick W. Plalsted, Dem.

Secretary—Cyrus W. Davis, Dem.

Treasurer—James F. Singleton, Dem.

Auditor—Lamont A. Stevens, Dem.

Superintendent Public Schools—P. Smith.

MARYLAND (Population in 1910, 1,294,450).

Population in 1910.	COUNTIES.		PRESIDENT, 1912—					
	(2)		Wilson	Roosevelt	Taft	Debs	Chafin	
62411 Allegany.....	3382	2631	1396	1036	121			
35653 Anne Arundel.....	3049	794	2222	57	105			
558485 Baltimore City.....	48030	33679	15597	1763	474			
122399 Baltimore county.....	11524	6211	4247	212	112			
10325 Calvert.....	616	85	1035	10	27			
19216 Caroline.....	1522	196	1445	10	78			
33854 Carroll.....	3616	923	2546	16	112			
23759 Cecil.....	2491	646	1509	33	49			
16386 Charles.....	918	113	1573	6	34			
28669 Dorchester.....	2509	313	2387	51	62			
52673 Frederick.....	5545	2776	2813	127	96			
20105 Garrett.....	1005	1069	655	108	81			
27965 Harford.....	3094	802	1737	14	87			
16106 Howard.....	1523	364	1004	7	58			
13927 Kent.....	1516	463	1021	15	41			
32089 Montgomery.....	3501	884	1675	47	119			
35147 Prince George.....	2424	1308	1456	47	94			
16839 Queen Anne.....	1902	119	1311	32	60			
17030 St. Mary.....	843	144	1262	8	26			
26435 Somerset.....	1617	310	1528	8	78			
19630 Talbot.....	1838	190	1385	8	83			
48671 Washington.....	4589	2636	1907	338	91			
26815 Wicomico.....	3176	442	2038	7	105			
21841 Worcester.....	1764	663	757	3	51			
Total.....	112574	57789	54056	3906	2244			
Plurality.....	54885							
Per cent.....	48.64	24.94	23.72	1.72	.96			
Total vote.....		231659						

For president in 1912 Reimer, Soc.-Lab., received 322 votes.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Worcester, Somerset, Wicomico, Dorchester, Talbot, Queen Anne, Caroline, Kent and Cecil.
J. Harry Covington, Dem. 17,606
Charles M. Ellerdice, Pro. 744
R. D. Grier, Prog. 2,303
- Baltimore city, wards 15 and 16; counties of Carroll, Harford and Baltimore.
Joshua Frederick C. Talbot, Dem. 22,087
Laban Sparks, Rep. 13,732
Basil W. Bowman, Pro. 649
Martin O. Huttman, Soc. 435
- Baltimore city, wards 1, 2, 3, 4, 5, 6, 7, 8 and 22 and the 9th, 10th, 11th and 13th precincts of the 13th ward.
George Konig, Dem. 15,189
Albert M. Sprosser, Rep. 11,078
Edwin B. Penby, Pro. 558
Charles F. Krant, Soc. 967
- Baltimore city, wards 9, 10, 11, 12, 13, 14, 17, 19 and 20 and the 1st, 2d, 3d and 12th precincts of the 13th ward.
J. Charles Linthicum, Dem. 19,075
Jacob F. Murback, Rep. 11,257
Alfred S. Day, Pro. 421
Charles E. Develin, Soc. 595
- Baltimore city, wards 21, 23 and 24 and the 4th, 5th, 6th, 7th and 8th precincts of the 18th ward, counties of St. Mary, Charles, Calvert, Prince George, Anne Arundel and Howard.
Frank O. Smith, Dem. 13,085
Thomas Parran, Rep. 12,163
Holin D. Todd, Pro. 366
Mark Jackson, Soc. 1,113

6. Counties of Allegany, Garrett, Washington, Montgomery and Frederick.

David J. Lewis, Dem. 20,434
Charles D. Waganam, Rep. 14,147
William M. Pardum, Pro. 601
S. L. V. Young, Soc. 1,316

LEGISLATURE. Senate. House. J. B.
Republicans 6 34 40
Democrats 21 67 88

STATE OFFICERS.

Governor—Phillips L. Goldsborough, Rep.

Secretary—N. Winslow Williams, Dem.

Treasurer—Murray Vandiver, Dem.

Comptroller—E. C. Harrington, Dem.

Adjutant-General—H. M. Warfield, Dem.

Attorney-General—Edgar Allan Poe, Dem.

MASSACHUSETTS (Population in 1910, 3,366,416).

Population in 1910.	COUNTIES.		PRESIDENT, 1912—					
	(14)		Soc.	Prog.	Rep.	Dem.		
27542 Barnstable.....	20	2315	1249	1322				
103250 Berkshire.....	536	3809	6347	6211				
318573 Bristol.....	1115	10680	13279	12420				
4504 Dukes.....	1	275	259	215				
436477 Essex.....	2716	21038	21441	20691				
43600 Franklin.....	239	2283	2636	2046				
231369 Hampden.....	1094	7069	11386	10620				
63327 Hampshire.....	292	1606	4512	3083				
609915 Middlesex.....	1530	33517	30511	36689				
2862 Nantucket.....	1	194	123	2407				
157506 Norfolk.....	609	9779	9550	9244				
144337 Plymouth.....	1216	8645	5500	6391				
731388 Suffolk.....	2155	24977	24719	46059				
394657 Worcester.....	968	15013	24719	17565				
Total.....	12616	142228	155948	173408				
Plurality.....				17490				
Per cent.....	2.59	29.15	31.95	35.53				
Total vote.....		480656						

For president in 1912 Chafin, Pro., received 2,754 votes, and Reimer, Soc.-Lab., 1,102.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Berkshire, Franklin (part), Hampden (part) and Hampshire (part).
Allen T. Treadway, Rep. 12,920
Richard J. Morrissey, Dem. 12,075
Sam P. Blagden, Prog. 3,883
Edward A. Bucklen, Soc. 1,308
- Counties of Franklin (part), Hampden (part) and Hampshire (part).
Frederick H. Gillett, Rep. 12,301
William G. McKechnie, Dem. 10,940
Thomas L. Higen, Prog. 5,442
- Counties of Franklin (part), Hampden (part), Hampshire (part) Middlesex (part) and Worcester (part).
William H. Wilder, Rep. 12,945
M. Fred O'Connell, Dem. 9,742
Stephen M. Marshall, Prog. 5,287
Leon B. Stoddard, Soc. 813
- Counties of Middlesex (part) and Worcester (part).
Samuel E. Winslow, Rep. 15,153
John A. Thayer, Dem. 11,216
Burton W. Potter, Prog. 3,626
Thomas P. Abbott, Soc. 535
- Counties of Essex (part), Middlesex (part) and Worcester (part).
John J. Rogers, Rep. 12,827
Humphrey O'Sullivan, Dem. 11,037
William N. Osgood, Prog. 4,200
William J. Carroll, Soc. 593
- County of Essex (part).
Augustus P. Gardner, Rep. 16,918
George A. Schofield, Dem. 9,704
Arthur L. Nason, Prog. 7,326
- County of Essex (part).
Michael F. Phelan, Dem. 12,964
Frank P. Bennett, Jr., Rep. 8,952
Lynn M. Ranger, Prog. 5,086
William W. McNally, Soc. 1,262
- County of Middlesex (part).
Frederick S. Dietrick, Dem. 12,484
Frederick W. Dallinger, Rep. 11,209
Henry C. Long, Prog. 6,665
Saul Beaumont, Soc. 445

9. Counties of Middlesex (part) and Suffolk (part).	
Ernest W. Roberts, Rep.	14,021
Henry C. Rowland, Dem.	8,732
John Herbert, Prog.	7,864
Squire E. Putney, Soc.	954
10. Wards 1, 2, 3, 4, 5, 6, 7, 8, 9 and 11 (precincts 1 and 2) of Boston, in Suffolk county.	
William F. Murray, Dem.	12,031
Daniel T. Callahan, Prog.	3,711
Loyal L. Jenkins, Soc.	2,418
William Carpenter, Rep.	634
11. Wards 10, 11 (precincts 3, 4, 5, 6, 7, 8, 9, 12, 18, 19, 21, 22, 23 of Boston, in Suffolk county.	
Andrew J. Peters, Dem.	17,875
Sherwin L. Cook, Rep.	8,786
Charles F. Calus, Soc.	1,253
12. Wards 13, 14, 15, 16, 17, 20 and 24 of Boston, in Suffolk county.	
James M. Curley, Dem.	14,875
James B. Connolly, Prog.	9,001
Charles H. S. Robinson, Rep.	5,812
Thomas G. Connolly, Soc.	789
13. Counties of Middlesex (part), Norfolk (part), Suffolk (ward 25 in Boston) and Worcester (part).	
John W. Weeks, Rep.	15,394
John J. Mitchell, Dem.	13,583
George A. Fiel, Prog.	5,853
14. Counties of Bristol (part), Norfolk (part), Plymouth (part) and Suffolk (ward 26 in Boston).	

Edward Gilmore, Dem.	11,930
Henry L. Kincaide, Prog.	11,841
Robert O. Harris, Rep.	9,863
John McCarty, Soc.	2,005
15. Counties of Bristol (part) and Plymouth (part).	
William S. Greene, Rep.	11,207
John W. Coughlin, Dem.	8,975
Alvin G. Weeks, Prog.	4,172
George F. W. Wright, Soc.	482
16. Counties of Barnstable, Bristol (part), Dukes, Nantucket, Norfolk (part) and Plymouth (part).	
Thomas C. Gracher, Dem.	10,461
William J. Bullock, Rep.	8,186
Thomas Thompson, Prog.	6,540
Joseph Palme, Soc.	526

LEGISLATURE. Senate. House. J.B.

Republicans	25	153	178
Democrats	14	91	105
Progressives	1	7	8
Independent		5	5
Socialist		1	1

STATE OFFICERS.

Governor—Eugene N. Foss, Dem.	
Lieutenant-Governor—David I. Walsh, Dem.	
Secretary of State—Frank J. Donahue, Dem.	
Treasurer and Receiver-General—Elmer A. Stevens, Rep.	
Auditor—John E. White, Rep.	
Attorney-General—James M. Swift, Rep.	

MICHIGAN (Population in 1910, 2,810,178).

Population in 1910	COUNTIES.					GOVERNOR 1910					PRESIDENT 1908					GOV. 1906				
	(83)					Rep.	Dem.	Pro.	Soc.	S.L.	Rep.	Dem.	Pro.	Soc.	S.L.	Rep.	Dem.	Pro.	Soc.	S.L.
5703 Alcona	537	86	22	58	826	176	24	54	2	—	727	58	15	—	—	727	58	15	—	—
7675 Allegan	485	148	27	35	4	1006	225	22	60	2	7.	745	176	19	—	745	176	19	—	—
39819 Alcona	2584	1381	117	100	12.	5479	231	294	135	11	16.	2489	848	118	—	2489	848	118	—	—
19965 Alpena	1348	590	12	52	7.	2377	952	34	116	6	2.	1885	930	28	—	1885	930	28	—	—
15692 Antrim	815	423	69	53	8.	2052	576	101	59	3	5.	1570	372	48	—	1570	372	48	—	—
3640 Arenac	729	531	32	41	4.	1085	717	60	67	2	1.	896	936	41	—	896	936	41	—	—
627 Baraga	1330	23	8	3.	770	209	19	10	1	3.	544	11	—	—	—	544	11	—	—	—
22633 Barry	2020	1947	159	43	14	322	2139	246	21	9	8.	2324	1746	163	—	2324	1746	163	—	—
68238 Bay	3487	3438	87	330	15.	6740	4223	180	403	27	18.	4712	2577	86	—	4712	2577	86	—	—
10638 Benzie	590	257	128	98	10.	1442	555	210	77	9	6.	1038	188	102	—	1038	188	102	—	—
53622 Berrien	4018	4051	206	270	31.	7289	4006	275	276	18	64.	5143	3749	159	—	5143	3749	159	—	—
25605 Branch	2265	2390	105	51	7.	3721	2400	188	131	13	16.	2514	989	66	—	2514	989	66	—	—
56638 Calhoun	3844	3581	111	246	33.	6859	4253	473	530	93	48.	4378	2604	191	—	4378	2604	191	—	—
26624 Cass	2024	2005	73	151	5.	3062	2474	148	138	9	10.	2322	2367	97	—	2322	2367	97	—	—
10157 Charlevoix	1330	517	66	200	30.	2538	806	149	176	6	11.	1725	206	65	—	1725	206	65	—	—
17372 Cheboygan	1358	1112	32	54	5.	2081	1217	130	84	11	5.	1795	1086	34	—	1795	1086	34	—	—
24472 Chippewa	2602	513	72	42	1.	2422	1182	130	37	2	4.	2204	768	52	—	2204	768	52	—	—
9240 Clare	784	563	20	28	5.	1350	567	88	22	3	1.	875	428	26	—	875	428	26	—	—
23129 Clinton	2172	2139	134	28	2.	3493	2193	147	23	4	1.	2418	1661	69	—	2418	1661	69	—	—
3824 Crawford	445	259	11	16	1.	593	243	12	28	2	—	471	234	13	—	471	234	13	—	—
30108 Delta	1758	630	38	61	17.	3257	1101	84	80	15	7.	1743	266	34	—	1743	266	34	—	—
20524 Dickinson	1872	436	71	64	39.	2515	549	176	44	12	7.	1937	129	108	—	1937	129	108	—	—
30496 Eaton	2886	3622	94	41	2.	4383	3148	208	59	7.	3172	2060	130	—	3172	2060	130	—	—	—
18561 Emmet	1172	746	102	291	5.	2923	1016	204	184	11	2.	1416	357	142	—	1416	357	142	—	—
64555 Genesee	5759	3015	378	493	27.	7238	3297	444	303	18	9.	4572	2129	261	—	4572	2129	261	—	—
8413 Gladwin	812	345	23	22	3.	1195	338	48	31	4	1.	606	132	13	—	606	132	13	—	—
23833 Gogebic	1460	734	407	61	24.	2265	617	147	60	7	5.	1660	720	128	—	1660	720	128	—	—
23734 Grand Traverse	1007	673	52	228	15.	2821	1301	134	27	2	5.	1213	390	95	—	1213	390	95	—	—
22820 Gratiot	2357	2016	155	23	4.	4164	2374	178	32	1.	—	2554	1742	122	—	2554	1742	122	—	—
28673 Haddam	2055	2363	152	20	3.	4517	2549	280	43	2	14.	2210	1026	119	—	2210	1026	119	—	—
88258 Houghton	5677	2221	499	242	17.	3831	2421	627	371	8	16.	4007	357	404	—	4007	357	404	—	—
94758 Huron	2145	1298	94	36	5.	3590	1481	164	57	5	4.	2610	1191	101	—	2610	1191	101	—	—
15310 Ingham	3786	6030	364	127	35.	6725	5025	585	157	22	21.	5151	3874	312	—	5151	3874	312	—	—
33550 Ionia	2894	3810	439	40	4.	4598	3241	461	92	3	9.	3590	2505	384	—	3590	2505	384	—	—
9753 Iosco	865	579	27	11	—	1227	670	40	9	—	1.	844	413	15	—	844	413	15	—	—
15164 Iron	1356	189	136	27	11.	2090	285	40	22	5	15.	446	53	24	—	446	53	24	—	—
23029 Isabella	1461	1888	54	40	4.	3185	1696	133	53	3	2.	2590	1478	67	—	2590	1478	67	—	—
53426 Jackson	3963	5437	166	154	10.	6798	5294	391	161	11	9.	5474	4331	191	—	5474	4331	191	—	—
60427 Kalamazoo	3874	4169	346	477	25.	6740	4518	118	425	17	38.	4924	3885	229	—	4924	3885	229	—	—
8087 Kalamazoo	433	276	42	51	—	1156	599	105	46	2	1.	433	109	29	—	433	109	29	—	—
150145 Kent	9228	8649	412	685	52.	16963	11494	859	947	67	15.	10337	4426	376	—	10337	4426	376	—	—
7156 Keweenaw	673	53	15	20	1.	1029	64	16	25	—	2.	455	21	4	—	455	21	4	—	—
4939 Lake	324	184	17	21	2.	678	254	14	31	4	2.	369	71	9	—	369	71	9	—	—
26033 Lapeer	2178	1491	189	13	4.	3454	1657	289	34	—	4.	2800	1415	109	—	2800	1415	109	—	—
10698 Leelanaw	534	304	24	35	10.	1268	578	46	23	2	1.	712	202	45	—	712	202	45	—	—
47937 Lenawee	4063	3891	144	38	7.	6807	4794	398	28	9	4.	4957	3410	211	—	4957	3410	211	—	—
17336 Livingston	2183	2587	116	6	—	2740	2418	219	10	—	2.	467	169	24	—	467	169	24	—	—
4004 Luce	239	35	18	1	—	357	108	31	4	2	2.	467	169	24	—	467	169	24	—	—
9249 Mackinac	847	557	16	11	—	1161	773	23	10	2	3.	823	553	16	—	823	553	16	—	—
32606 Macomb	3193	3099	137	20	5.	4497	3158	226	34	2	1.	3804	2368	107	—	3804	2368	107	—	—
26888 Manistee	1468	2163	58	179	10.	2709	1809	139	2	9.	2174	1546	44	—	2174	1546	44	—	—	—
46739 Marquette	3841	1001	169	422	12.	5655	1779	261	331	13	14.	3814	572	188	—	3814	572	188	—	—
21832 Mason	1457	1310	70	33	11.	2390	1196	151	52	4	9.	1389	983	75	—	1389	983	75	—	—
19406 Mecosta	1189	828	93	80	7.	2721	1183	151	80	2	3.	1381	498	52	—	1381	498	52	—	—

Population.	Osborn	Hemans	Corbett	Warnock	Richter	Taft	Bryan	Chafin	Debs	Gillib's	Hagen	Warner	Kim's	erie	Reed
25648 Menominee.....	2065	1112	51	104	12..	2862	1313	128	79	14	15..	1897	1006	74	31
14005 Midland.....	1321	755	30	25	3..	2004	889	53	43	7	3..	1652	744	31	74
10606 Milwaukee.....	1043	327	60	49	5..	1573	446	51	19	3	6..	1022	882	36	36
32917 Monroe.....	3970	3050	120	23	8..	4308	3457	211	50	3	3..	3317	3113	127	127
32029 Montcalm.....	1971	1050	105	200	18..	4585	1725	198	116	6	10..	3230	1145	117	117
37555 Montmorency.....	264	95	4	10	1..	588	180	3	8	—	1..	444	126	4	4
40577 Muskegon.....	2898	1554	56	292	22..	5103	1803	149	273	15	17..	3491	1503	46	46
19220 Newaygo.....	1454	609	68	47	—	2852	962	148	69	9	1..	1175	381	46	46
49576 Oakland.....	4448	4406	286	93	6..	6287	3962	423	107	11	15..	4052	2855	175	175
18379 Oceana.....	1397	539	113	30	6..	2462	803	259	58	12	6..	1579	656	205	205
8947 Ogemaw.....	751	446	34	38	2..	1225	458	81	25	3	1..	947	325	46	46
8650 Ontonagon.....	1133	265	38	42	7..	1835	347	18	47	6	10..	1085	451	20	20
1789 Osceola.....	1436	733	68	28	3..	2826	760	146	5	16	8..	1279	402	68	68
2027 Oscoda.....	221	55	3	1	1..	332	114	8	3	—	—	270	77	2	2
6552 Otsego.....	305	179	13	5	1..	866	276	34	15	1	2..	443	113	17	17
45301 Ottawau.....	3722	2056	111	74	18..	5659	2441	262	165	9	15..	3195	1233	111	111
11249 Presque Isle.....	906	197	9	17	4..	1722	305	18	57	11	2..	1219	311	13	13
2274 Roscommon.....	286	178	8	13	2..	420	149	18	18	3	3..	304	131	5	5
89290 Saginaw.....	6411	5535	88	262	41..	9464	7025	244	558	73	23..	6957	6107	143	143
33590 Sanilac.....	3954	1240	163	34	2..	4184	1434	358	43	3	3..	2226	716	130	130
8681 Schoolcraft.....	622	90	4	23	9..	1364	295	42	16	3	3..	723	116	10	10
33246 Shiawassee.....	2063	2270	385	37	49..	4211	2350	526	171	7	4..	3004	2125	339	339
52341 St. Clair.....	4294	3385	145	280	53..	7334	3754	332	295	31	9..	5581	3651	154	154
25499 St. Joseph.....	2378	2320	62	71	4..	3464	2773	173	108	3	29..	2741	2102	86	86
34913 Tuscola.....	2750	1149	342	26	3..	4448	1575	391	46	6	2..	2947	1194	249	249
33185 Van Buren.....	2589	1862	83	82	10..	4565	2335	195	129	12	36..	3035	1280	143	143
44714 Washtenaw.....	3937	4690	184	51	26..	5845	4441	305	88	16	14..	5220	3758	110	110
53190 Wayne.....	61910	25330	680	1939	317..	8403	4446	2461	306	54..	8473	24713	403	403	403
20769 Wexford.....	1190	337	165	69	10..	2892	832	257	89	8	6..	1758	397	174	174
Total.....	202863	159670	9989	9992	1204..	335580	175771	16974	11586	1096	742..	227559	129693	9140	9140
Plurality.....	43193	13800	—	—	—	13800	—	—	—	—	—	87594	—	—	—
Per cent.....	52.37	41.61	2.60	2.60	32..	61.91	32.44	3.13	2.14	.20	.14..	60.58	34.77	2.45	2.45
Total vote.....	—	—	383718	—	—	—	—	541767	—	—	—	373739	—	—	—

NOTE—Up to the time this edition of The Daily News Almanac and Year-Book went to press the official vote of Michigan by counties for president was not available owing to delay caused by contests. It was announced by the state canvassing board, however, that the presidential vote by totals was as follows: Taft, Rep., 152,244; Wilson, Dem., 169,751; Roosevelt, Prog., 214,584; Debs, Soc., 1,243; Reimer, Soc. Lab., 1,252; and Chafin, Pro., 8,974. The vote on congressmen was also unavailable.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- At Large—Patrick H. Kelly, Rep. elected.
Edward Frensdorff, Dem.
William H. Hill, Prog.
1. Thirteen wards city of Detroit.
Frank E. Doremus, Dem. elected.
Ezra F. Beecher, Rep.
James H. Pound, Prog.
2. The counties of Jackson, Lenawee, Monroe, Washtenaw, ten townships in Wayne county, city of Wyandotte.
S. W. Beakes, Dem. elected.
Hubert F. Probert, Prog.
3. The counties of Branch, Calhoun, Eaton, Hillsdale and Kalamazoo.
John M. C. Smith, Rep., elected.
Claude S. Carney, Dem.
Edward N. Dingley, Prog.
4. The counties of Allegan, Barry, Berrien, Cass, St. Joseph and Van Buren.
Edward L. Hamilton, Rep., elected.
Albert E. Beebe, Dem.
George M. Valentine, Prog.
5. The counties of Ionia, Kent and Ottawa.
Carl E. Mapes, Rep., elected.
Edwin F. Sweet, Dem.
Suel A. Sheldon, Prog.
6. The counties of Genesee, Ingham, Livingston, Oakland, six townships Wayne county, three wards city of Detroit.
Samuel W. Smith, Rep., elected.
Alva A. Cummins, Dem.
W. S. Kellogg, Prog.

7. The counties of Huron, Lapeer, Macomb, Sanilac, St. Clair, two townships Wayne county.
Louis C. Crampton, Rep., elected.
John J. Bell, Dem.
George H. Brown, Prog.
8. The counties of Clinton, Saginaw, Shiawassee and Tuscola.
Joseph W. Fordney, Rep., elected.
Miles J. Purcell, Dem.
Albert L. Chandler, Prog.
9. The counties of Benzie, Leelanau, Leelanau, Manistee, Mason, Muskegon, Newaygo, Oceana and Wexford.
James C. McLaughlin, Rep., elected.
H. R. O'Connor, Dem.
William H. Seers, Prog.
10. The counties of Alcona, Alpena, Arenac, Bay, Cheboygan, Crawford, Emmet, Gladwin, Iosco, Midland, Montmorency, Ogemaw, Otsego and Presque Isle.
Roy O. Woodruff, Prog., elected.
George A. Loud, Rep.
Louis P. Coumans, Dem.
11. The counties of Antrim, Charlevoix, Clare, Grand Traverse, Gratiot, Isabella, Kalkaska, Mecosta, Missaukee, Montcalm, Osceola and Roscommon.
Francis O. Lindquist, Rep., elected.
Archie McCall, Dem.
John W. Patchin, Prog.
12. The counties of Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft.
H. Olin Young, Rep., elected.
John Power, Dem.
Joseph M. Rogers, Prog.

LEGISLATURE.

The legislature is republican.

STATE OFFICERS.

- Governor—Woodbridge N. Ferris, Dem.
Lieutenant-Governor—John Q. Ross, Rep.
Treasurer—John W. Haarer, Rep.
Secretary of State—F. C. Martindale, Rep.
Attorney-General—Grant Fellows, Rep.
Auditor—O. B. Fuller, Rep.

MINNESOTA (Population in 1910, 2,075,708).

Population in 1910.	PRESIDENT 1912					GOVERNOR 1910					PRESIDENT 1908				
	Rep.	Dem.	Soc.	Pro.	S. L.	Rep.	Prog.	Dem.	Pub. O.	Taft	Rep.	Dem.	Pro.	Soc.	Ind.
Taft Wilson Debs Chafin Reimer	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10371 Aitkin.....	362	413	378	72	16	842..	807	412	168..	1205	389	57	143	4	4
12493 Anoka.....	562	591	90	92	15	729..	1041	690	36..	1577	610	56	42	1	1
18840 Becker.....	509	732	257	165	24	1350..	1648	765	167..	2058	728	186	223	1	1
19337 Beltrami.....	490	790	871	39	41	794..	1350	607	470..	1878	648	45	384	10	10

Population.	Taft	Wilson	Debs	Chaffin	Reimer	Roosevelt	Eberhart	Gray	Barrett	Taft	Bryan	Chaffin	DebeHagen
1315 Benton.....	468	562	117	24	21	728.	972	729	38.	1001	705	23	51
9507 Big Stone.....	244	677	98	62	4	591.	808	709	16.	965	565	89	4
29637 Blue Earth.....	1344	2025	134	141	18	1579.	3034	2248	42.	3297	2191	226	149
20134 Brown.....	472	1359	348	21	18	943.	1982	1196	98.	1518	1536	55	246
17559 Carlton.....	283	631	449	89	20	1115.	914	643	206.	1487	506	51	333
17455 Carver.....	742	1008	41	30	8	933.	1963	793	37.	1739	1101	34	21
11620 Cass.....	431	565	341	51	16	638.	788	577	118.	1039	461	42	197
13453 Chippewa.....	412	870	123	116	9	1133.	1474	777	49.	1409	790	144	32
17363 Chicago.....	430	483	128	32	10	1643.	1300	777	49.	2407	947	71	17
19840 Clay.....	519	942	169	79	13	1300.	1924	985	58.	1857	1125	111	63
6870 Clearwater.....	125	123	234	33	14	566.	611	187	144.	779	164	46	185
1336 Cook.....	30	65	61	15	5	172.	208	54	24.	255	42	11	19
12651 Cottonwood.....	325	511	94	39	16	1032.	1127	544	34.	1240	526	98	19
16861 Crow Wing.....	691	709	736	56	26	1079.	1429	899	312.	1681	661	72	410
12717 Dakota.....	699	1777	198	87	13	1698.	2628	1570	65.	2451	1778	131	108
25094 Dodge.....	470	543	40	59	4	522.	635	410	35.	1454	515	96	19
17363 Douglas.....	430	793	161	125	19	1379.	1799	1041	27.	1894	979	167	70
19949 Faribault.....	393	919	77	233	11	1724.	1841	786	21.	2335	1039	357	26
25680 Fillmore.....	1169	990	133	266	14	1888.	2556	1057	29.	3259	1153	175	77
22282 Freeborn.....	672	880	240	234	16	1902.	2162	1055	81.	2465	976	421	167
81637 Goodhue.....	1051	1450	185	233	21	2844.	3289	1389	61.	4494	1149	149	198
9114 Grant.....	146	851	24	52	5	952.	800	416	13.	1099	376	69	25
39340 Hennepin.....	14579	16590	5820	608	619	11489.	20020	15226	2496.	27789	16169	1016	2737
12327 Houston.....	659	732	27	43	6	1273.	1457	724	20.	1790	745	68	68
9831 Hubbard.....	359	450	255	73	23	503.	881	398	42.	1288	401	46	124
12175 Isanti.....	314	353	369	112	7	1025.	879	679	128.	1198	496	196	185
17208 Itasca.....	446	690	578	59	27	880.	1390	800	235.	1833	684	43	367
14491 Jackson.....	468	913	57	43	16	1234.	1345	800	26.	1575	1013	58	24
6461 Kanabec.....	218	270	253	29	10	498.	586	284	105.	803	242	43	65
18369 Kandiyohi.....	494	855	198	98	17	1668.	1889	1110	58.	2312	947	222	145
9669 Kittson.....	185	362	80	46	7	770.	689	525	25.	969	499	84	6
6343 Koochiching.....	239	638	480	10	17	522.	655	321	369.	826	435	59	188
1553 Lac qui Parle.....	343	608	68	107	7	1405.	1342	631	18.	1894	661	167	10
8011 Lake.....	182	195	466	46	8	369.	471	272	277.	594	152	41	362
18609 Le Sueur.....	886	1488	133	79	16	952.	1902	1636	65.	1819	1669	79	199
9874 Lincoln.....	264	548	62	62	8	666.	935	715	34.	891	653	63	27
15722 Lyon.....	490	1068	128	100	16	1167.	1158	1091	24.	1618	1043	146	46
18691 McLeod.....	655	1235	34	59	12	891.	1270	1160	27.	1579	1506	73	35
3249 Mahanomen.....	68	293	98	2	10	154.	263	217	53.	255	143	5	81
16338 Marshall.....	331	607	197	99	15	1321.	1636	747	113.	1148	751	186	177
17518 Martin.....	578	1141	98	140	6	1371.	1684	1133	42.	1922	1054	184	91
17022 Meeker.....	500	1059	67	43	8	1458.	2096	1190	18.	1928	1111	74	35
10705 Mille Lacs.....	392	449	329	65	19	751.	699	588	117.	1119	427	91	168
24053 Morrison.....	699	1341	223	41	14	1327.	1679	1523	173.	1986	1513	64	118
22640 Mower.....	1321	1228	159	82	16	1371.	2259	991	46.	2629	1206	124	180
11755 Murray.....	888	775	72	57	8	958.	1221	714	23.	1293	762	55	33
14125 Nicollet.....	525	929	70	53	24	835.	1288	896	23.	1362	832	72	50
15310 Nobles.....	605	934	119	68	12	1122.	1391	926	24.	1432	925	197	58
13446 Norman.....	329	510	252	146	12	1276.	1096	546	19.	1276	619	198	8
22497 Olmsted.....	730	1542	93	112	19	1467.	2043	1702	34.	2472	1621	141	16
40336 Otter Tail.....	755	1739	578	283	43	3168.	2656	2158	241.	3964	2320	329	208
15878 Pine.....	244	423	343	67	11	784.	1026	712	104.	1548	802	85	303
Pennington (new).....	513	777	345	71	23	1281.	—	—	—	—	—	—	—
9553 Pipestone.....	301	505	118	56	9	675.	885	418	22.	1057	491	49	27
59001 Polk.....	735	1602	789	198	36	2326.	3048	2303	469.	3311	1928	198	556
12746 Pope.....	579	443	40	126	8	1283.	1450	553	10.	1794	442	175	23
22675 Ramsey.....	4169	12431	2942	275	167	12428.	17616	9236	842.	18536	11613	400	1659
15940 Red Lake.....	259	374	54	11	5	226.	1843	1246	236.	1428	856	60	942
18425 Redwood.....	542	1126	139	59	17	1291.	1698	945	41.	1821	1076	88	54
23123 Renville.....	703	1310	99	72	6	1712.	2333	1252	39.	2775	1364	110	28
25911 Rice.....	1020	1613	78	101	20	1765.	2512	1591	40.	2821	1614	111	40
10222 Rock.....	463	406	72	47	5	757.	902	408	18.	1294	525	55	17
11338 Roseau.....	278	239	426	41	15	859.	878	293	274.	900	444	61	361
19374 St. Louis.....	388	5124	2853	420	43	5890.	7068	6232	726.	12076	4464	401	1305
14898 Scott.....	462	1172	62	133	4	856.	856	494	45.	1045	445	44	12
8138 Sherburne.....	385	980	70	64	13	676.	585	477	24.	1102	366	67	42
15540 Sibley.....	383	890	62	43	12	1139.	1396	709	21.	1623	1110	61	6
47738 Stearns.....	1134	1317	182	92	27	1682.	3124	2297	75.	2614	3835	127	159
16146 Steele.....	651	1294	59	84	7	1055.	1757	1430	32.	1899	1234	104	38
8298 Stevens.....	286	640	33	52	5	628.	749	563	17.	877	562	37	16
12949 Swift.....	442	937	100	88	8	1038.	1244	1006	22.	1343	921	84	41
23407 Todd.....	1085	1088	423	24	5	1676.	1698	1032	386.	2354	1395	163	258
8349 Traverse.....	137	561	16	13	5	541.	705	513	14.	85	514	34	39
18554 Wabasha.....	797	1422	67	56	7	1098.	2096	1448	25.	2150	1416	77	39
8852 Wadena.....	278	336	167	28	6	515.	713	259	65.	991	467	29	7
13466 Waseca.....	553	1062	63	62	14	940.	1305	1041	23.	1455	1085	50	40
28013 Washington.....	581	1289	202	57	16	2078.	1372	1049	50.	2727	1120	68	63
11382 Watonwan.....	254	618	33	30	4	1139.	1102	572	5.	1411	537	45	6
9063 Wilkin.....	209	586	55	32	2	551.	873	521	21.	779	614	48	26
93388 Winona.....	1042	3004	258	102	178	1676.	2842	2335	45.	3014	2072	35	69
23082 Wright.....	1337	1333	101	106	15	1911.	2411	1330	52.	2820	1386	144	37
15406 Yellow Medicine.....	352	737	79	94	7	1203.	1122	686	19.	1745	736	130	19
Total.....	6434	106426	27505	7886	2212	128586.	161185	103779	11173.	196843	109401	11107	14527
Plurality.....	19430.	60406	1450	—	—	19430.	60406	1450	—	86434	—	—	—
Per cent.....	19.25	31.84	8.23	2.36	.66	37.66.	56.74	35.23	3.79.	59.30	33.12	3.06	4.38
Total vote.....	334219	—	—	—	—	246077	—	—	—	330244	—	—	—

For governor in 1912 Eberhart, Rep., received 129,688 votes; Ringdal, Dem., 99,659; Morgan, P. O., 29,876; Collins, Prop., 33,455.

FOR REPRESENTATIVES IN CONGRESS, 1912.
At Large—James Manahan, Rep., 154,308
Carl J. Buell, Dem., 69,652

W. G. Calderwood, Pro., 25,863
J. S. Ingalls, P. O., 30,042
1. Counties of Dodge, Fillmore, Freeborn, Houston, Mower, Olmsted, Steele, Wabasha, Waseca and Winona.
Sydney Anderson, Rep., 24,681

Clinton Robinson, Dem.....	10,786
2. Counties of Blue Earth, Brown, Cottonwood, Faribault, Jackson, Martin, Murray, Nobles, Pipestone, Rock and Watonwan. Franklin W. Ellsworth, Rep.....	13,093
W. S. Hammond, Dem.....	14,718
John R. Hollister, P. O.....	1,497
3. Counties of Carver, Dakota, Goodhue, Le Sueur, McLeod, Nicollet, Rice, Scott and Sibley. Charles R. Davis, Rep.....	18,536
Frank L. Glotzbach, Dem.....	9,763
Frank P. Marzahn, Pro.....	1,919
4. Counties of Chisago, Ramsey and Washington. Fred C. Stevens, Rep.....	15,479
James J. Regan, Dem.....	11,332
Albert Rosenquist, P. O.....	6,021
Hugh T. Halbert, Prog.....	9,220
5. County of Hennepin. George R. Smith, Rep.....	17,861
Thomas P. Dwyer, Dem.....	6,987
Thomas E. Latimer, P. O.....	6,929
Thomas D. Scholl, Prog.....	8,574
6. Counties of Benton, Cass, Crow Wing, Douglas, Hubbard, Meeker, Morrison, Sherburne, Stearns, Todd, Wadena and Wright. Charles A. Lindbergh, Rep.....	21,286
Andrew J. Gilkinson, Dem.....	9,920
A. W. Uhl, P. O.....	2,839
7. Counties of Big Stone, Chippewa, Grant, Kandiyohi, Lac qui Parle, Lincoln, Lyon, Pope, Redwood, Renville, Stevens, Swift, Traverse and Yellow Medicine. Andrew J. Volstead, Rep.....	25,053
No opposition.	
8. Counties of Aitkin, Anoka, Carlton, Cook, Isanti, Itasca, Kanabec, Koochiching, Lake, Mille Lacs, Pine and St. Louis. Clarence B. Miller, Rep.....	20,523
John Jensvold, Jr., Dem.....	12,494
Morris Kaplan, P. O.....	7,398
9. Counties of Becker, Beltrami, Clay, Clearwater, Kittson, Mahanomen, Marshall, Norman, Otter Tail, Pennington, Polk, Red Lake, Roseau and Wilkin. Halvor Steenerson, Rep.....	22,481
M. A. Brattland, P. O.....	11,190

LEGISLATURE.

Senate House. J. B.

Republicans.....	41	99	140
Democrats.....	20	19	39
Prohibitionists.....	1	1	2
Public Ownership.....	1	1	1
Populist.....	1	1	1

STATE OFFICERS. (All republicans.)

Governor—A. O. Eberhart.	
Lieutenant-Governor—J. A. A. Burnquist.	
Secretary of State—Julius A. Schmahl.	
Treasurer—Walter J. Smith.	
Attorney-General—Lyndon A. Smith.	
Auditor—S. G. Iverson.	
Superintendent of Public Instruction—C. G. Schulz.	
Insurance Commissioner—J. A. O. Preus.	

MISSISSIPPI (Population in 1910, 1,797,114).

COUNTIES.

(79)

—PRESIDENT 1912—

Dem. Prog. Rep. Soc.

Population in 1910.	Wilson	Roosevelt	Taft	Debs
25265 Adams.....	491	232	31	9
18159 Alcorn.....	1019	43	40	20
22954 Amite.....	1696	13	5	2
28361 Attala.....	1060	38	49	60
10245 Benton.....	482	22	13	12
4846 Bolivar.....	324	14	10	8
12726 Calhoun.....	957	15	17	86
23139 Carroll.....	653	42	16	54
22846 Chickasaw.....	856	49	19	24
14357 Choctaw.....	609	39	24	7
17403 Claiborne.....	349	20	3	1
21630 Clarke.....	638	20	17	59
20203 Clay.....	628	24	4	16
34217 Coahoma.....	396	26	16	2
35914 Copiah.....	1234	31	10	27
18909 Covington.....	570	44	8	62
23130 De Soto.....	546	19	10	2
20722 Forrest.....	886	59	16	112
15193 Franklin.....	301	38	4	21
6599 George.....	231	14	5	41
6060 Greene.....	268	21	13	9

Population.

15727 Grenada.....	469	21	3	2
12367 Hancock.....	965	56	28	3
34659 Harrison.....	1292	181	45	78
63726 Hinds.....	2065	88	40	30
39088 Holmes.....	936	20	5	21
10260 Issaquena.....	99	8	3	1
14526 Itawamba.....	914	67	24	18
15451 Jackson.....	514	64	14	21
18498 Jasper.....	800	31	12	39
28221 Jefferson.....	406	30	4	13
12260 Jefferson Davis.....	542	43	13	13
28885 Jones.....	1058	145	34	195
20348 Kemper.....	828	44	20	18
21883 Lafayette.....	973	46	28	19
11741 Lamar.....	350	83	16	7
46919 Lauderdale.....	2204	92	50	94
13080 Lawrence.....	332	24	9	6
18238 Leake.....	910	21	11	102
28894 Lee.....	1390	42	38	15
36290 Le Flore.....	616	35	12	8
28597 Lincoln.....	768	102	41	14
30703 Lowndes.....	872	15	12	11
33505 Madison.....	693	38	11	21
15549 Marion.....	438	21	12	8
26796 Marshall.....	779	45	9	12
35178 Monroe.....	1577	24	25	12
17706 Montgomery.....	637	23	4	15
17880 Neshoba.....	806	33	22	45
29085 Newton.....	1197	11	6	51
28503 Noxubee.....	646	12	5	3
19676 Oktibbeha.....	851	25	30	6
31274 Panola.....	760	68	13	11
10593 Pearl River.....	290	13	7	2
6785 Perry.....	257	22	4	31
9729 Pike.....	1068	79	26	38
19688 Pontotoc.....	1009	112	47	13
16931 Prentiss.....	839	141	85	33
11583 Quitman.....	195	15	4	5
23944 Rankin.....	718	15	7	25
16723 Scott.....	722	11	7	2
15694 Sharkey.....	157	8	3	1
17201 Simpson.....	606	32	19	25
18481 Sunflower.....	854	12	12	11
28787 Tallahatchie.....	462	23	9	6
28078 Tallahatchie.....	635	28	16	8
19714 Tate.....	612	57	23	13
14631 Tippah.....	1066	51	34	34
13067 Tishomingo.....	701	102	65	36
18946 Tunica.....	188	2	1	2
15897 Union.....	962	81	23	12
37498 Warren.....	1135	125	55	24
48993 Washington.....	781	72	20	24
14709 Wayne.....	569	25	15	46
14853 Webster.....	655	102	32	55
19075 Wilkin.....	379	10	8	20
17139 Winston.....	743	41	9	29
21519 Yalobusha.....	788	29	22	24
46672 Yazoo.....	887	30	7	10

Total.....57164 3627 1511 2017

Plurality.....53537

Per cent.....88.57 5.64 2.35 3.14

Total vote.....64319

FOR REPRESENTATIVES IN CONGRESS, 1912.

- The counties of Alcorn, Itawamba, Lee, Lowndes, Monroe, Oktibbeha, Prentiss, Noxubee and Tishomingo.
- E. S. Candler, Dem.....(No opposition)
- The counties of Benton, De Soto, Lafayette, Marshall, Panola, Tallahatchie, Tate, Tippah and Union.
- H. D. Stephens, Dem.....(No opposition)
- The counties of Bolivar, Coahoma, Issaquena, Le Flore, Quitman, Sharkey, Sunflower, Tunica, Holmes and Washington.
- B. G. Humphreys, Dem.....(No opposition)
- The counties of Calhoun, Carroll, Chickasaw, Choctaw, Clay, Grenada, Montgomery, Pontotoc, Webster and Attala.
- T. U. Sisson, Dem.....(No opposition)
- The counties of Winston, Clarke, Jasper, Lauderdale, Leake, Neshoba, Newton, Scott, Smith and Kemper.
- S. A. Witherspoon, Dem.....(No opposition)
- The counties of Covington, Greene, Hancock, Harrison, Jackson, Jones, Lawrence, Marion, Perry, Wayne, Simpson and Pearl River.
- B. P. Harrison, Dem.....(No opposition)
- The counties of Claiborne, Copiah, Franklin, Jefferson, Lincoln, Adams, Pike, Amite and Wilkin.

Percy E. Quinn, Dem. (No opposition)
 8. The counties of Warren, Yazoo, Madison, Hinds
 and Rankin.
 J. W. Collier, Dem. (No opposition)

LEGISLATURE.

All the members of the legislature are democrats.
 STATE OFFICERS. (All democrats.)

Governor—Earl Brewer.
 Lieutenant-Governor—Theodore G. Bilbo.
 Secretary—J. W. Power.
 Treasurer—P. S. Stovall.
 Auditor—Duncan L. Thompson.
 Attorney-General—Ross A. Collins.

MISSOURI (Population in 1910, 3,293,335).

Population in 1910.	COUNTIES. (114)	—PRESIDENT 1912—				
		Dem. Wilson	Rep. Taft	Pro. Soc. Roosevelt	S. L. Chas. DeB.	S. L. Reimer
22700	Adair	1784	1428	1200	57	398 28
15282	Andrew	1750	1632	432	36	31 5
13904	Atchison	1534	1137	529	55	36 4
21067	Atchison	3532	1322	377	55	31 7
23839	Barry	2300	1307	100	65	228 8
16747	Barton	1791	1010	639	66	280 15
25839	Bates	3057	1880	1301	117	151 19
14881	Benton	1209	1142	618	25	54 7
14576	Bollinger	1512	1101	348	25	102 3
30533	Boone	5022	1350	635	26	55 6
93420	Buchanan	8869	4112	2639	94	620 39
20624	Butler	1946	1852	408	30	407 23
14035	Caldwell	1433	1187	965	32	6 1
24400	Callaway	3544	1525	284	34	13 2
11582	Camden	667	918	245	6	29 2
27621	Cape Girardeau	2587	2202	869	45	109 10
23098	Carroll	2648	1521	1361	50	73 7
5504	Carter	458	258	116	10	78 5
22373	Cass	3247	1034	1178	61	103 4
10680	Cedar	1392	1241	623	50	134 4
23505	Chariton	3112	1528	745	43	37 3
15832	Christian	793	1204	832	33	175 4
12811	Clark	1586	1214	484	26	12 1
20302	Clay	3417	502	679	14	40 3
15297	Clinton	1968	779	679	54	10 1
21957	Cole	2447	2103	252	19	46 —
20311	Cooper	2444	2271	291	23	26 —
13576	Crawford	1037	1044	327	22	54 1
15315	Dade	1315	1051	776	38	59 2
31811	Dallas	363	1095	480	16	23 1
17605	Davies	2284	1100	1170	63	12 6
12531	DeKalb	1652	1090	499	34	16 1
13245	Dent	1279	959	153	18	79 2
16964	Douglas	566	857	1092	21	254 9
30328	Dunklin	2723	987	494	24	1001 19
29530	Franklin	2239	2481	617	35	213 13
12847	Gasconade	518	1539	405	3	25 3
1620	Gentry	2238	1208	524	61	56 4
63831	Green	5089	4354	2184	159	756 20
16744	Grundy	1310	1051	1484	46	24 2
20466	Harrison	1985	2081	965	70	37 2
27242	Henry	3386	1162	1500	119	128 6
8741	Hickory	421	737	375	14	58 1
14539	Holt	1519	1522	583	39	23 3
15533	Howard	2072	896	192	16	16 1
21065	Howell	1365	1470	836	47	37 13
845	Iron	845	636	65	22	55 3
235522	Jackson-Kas-C.	32209	5594	23152	348	1691 170
89973	Jasper	6789	4571	3309	231	1673 128
27875	Jefferson	2368	2125	485	19	— 9
26297	Johnson	3468	1774	1141	72	94 11
12403	Knox	1696	1093	267	44	45 2
17353	Laclede	1654	1479	463	18	114 5
30154	Lafayette	3650	2367	1241	37	137 7
26383	Lawrence	2384	1311	1536	62	312 11
15514	Lewis	2340	1004	834	31	47 2
17038	Lincoln	2326	1258	167	32	10 1
25253	Linn	2890	1452	134	87	131 10
19453	Livingston	2314	887	1502	53	58 5
13539	McDonald	3610	1288	1830	73	171 13
30688	Macon	1126	827	171	18	53 5
11273	Madison	1096	448	128	13	40 4
30572	Marion	1326	916	442	32	157 6
13335	Mercer	3471	1693	531	83	125 6
16717	Miller	780	965	906	37	43 3
14557	Mississippi	1257	1240	512	27	143 2
14375	Moniteau	1388	1050	78	10	119 14
15304	Monroe	1612	1374	215	37	47 —
18904	Montgomery	5586	553	218	15	64 4
12863	Morgan	1363	1687	297	19	23 4
19488	New Madrid	116	1239	282	20	19 2
27136	Newton	1945	1608	344	37	562 22
		2421	1409	1033	124	340 10

Population.	Wilson	Taft	Roosevelt	Chas. DeB.	Reimer
28833	Nodaway	8490	2140	1307	59 40 8
14681	Oregon	1658	486	533	5 164 6
14283	Oregon	1894	581	485	14 20 1
11926	Ozark	575	686	787	16 51 3
19559	Pemiscot.	1617	973	283	8 259 24
14888	Perry	1564	1735	86	11 15 —
33913	Pettis	3771	2423	1512	61 210 26
15796	Phelps.	1565	783	379	21 63 6
22556	Pike	2720	1901	176	19 32 8
14429	Platte	2535	1801	373	34 20 —
21561	Polk	1853	1754	58	81 6 —
11438	Pulaski	1268	632	267	27 40 5
14308	Putnam	933	1861	420	54 63 7
12913	Ralls	1734	591	240	10 8 —
26182	Randolph	4186	1126	641	54 119 14
34151	Ray	3042	1191	561	49 79 6
3592	Reynolds	1030	367	169	10 78 1
13049	Ripley	1249	632	353	23 158 8
24635	St. Charles	1732	2351	525	13 105 11
16412	St. Clair	1710	1048	737	35 190 9
35738	St. Francois	2786	2307	344	40 729 18
10607	St. Genevieve	1138	1099	47	6 19 22
82417	St. Louis	5409	6184	2854	95 935 62
687029	St. Louis city	58845	46524	24746	434 9159 634
29448	Saline	3929	1443	1413	59 41 7
9002	Schuyler	1218	768	193	34 20 —
11869	Scotland	1525	869	378	28 65 2
22372	Scott	1945	1235	303	25 649 30
11443	Shannon	1110	385	376	17 193 14
14864	Shelby	2450	858	331	65 33 2
27807	Stoddard	2903	1381	586	39 648 15
11559	Stone	506	944	642	18 165 4
15398	Sullivan	2226	1820	576	34 43 3
9118	Taney	588	854	250	72 72 —
21458	Texas	2067	1232	553	39 130 9
28827	Vernon	3483	1657	655	94 328 17
9123	Warren	431	1068	499	7 36 4
13378	Washington	1121	1060	307	26 53 —
15181	Wayne	1432	1053	304	20 152 7
17317	Webster	649	1387	744	48 82 5
8007	Worth	973	769	183	33 6 2
18315	Wright	1356	1164	895	20 84 7

Total.....330746 207321 123071 284636 53080 1778

Majority.....122925

Percent.....44.40 27.90 16.32 7.12 3.82 .24

Total vote.....74962

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. The counties of Adair, Clark, Knox, Lewis, Macon, Marion, Putnam, Schuyler, Scotland, Shelby, James T. Lloyd, Dem.20,874
 B. L. Bonfoey, Rep.12,144
 Arthur B. Warner, Prog.5,686
2. The counties of Carroll, Charlton, Grundy, Linn, Livingston, Monroe, Randolph, Sullivan.
 William W. Rucker, Dem.22,786
 Edward F. Haley, Rep.10,132
 R. H. Williams, Prog.6,776
3. The counties of Caldwell, Clay, Clinton, Davies, DeKalb, Gentry, Harrison, Mercer, Ray, Worth.
 Joshua W. Alexander, Dem.20,179
 J. H. Morrow, Rep.11,192
 W. S. Wightman, Prog.6,812
4. The counties of Andrew, Atchison, Buchanan, Holt, Newton, Platte.
 C. F. Booher, Dem.20,232
 C. V. Hickman, Rep.11,284
 F. G. Robinson, Prog.5,347
5. Jackson county.
 William P. Borland, Dem.33,397
 Isaac B. Kimbrell, Rep.5,769
 C. H. Summers, Prog.21,863
6. The counties of Bates, Cass, Cedar, Dade, Henry, Johnson, St. Clair.
 C. C. Dickinson, Dem.17,858
 Louis T. Dunnevant, Rep.9,093
 G. A. Thielman, Prog.6,738
7. The counties of Benton, Green, Hickory, Howard, Lafayette, Pettus, Polk, Saline.
 Courtney W. Hamlin, Dem.23,178
 Theodore C. Orens, Rep.15,685
 W. W. Blaine, Prog.7,305
8. The counties of Boone, Camden, Cole, Cooper, Miller, Moniteau, Morgan, Osage.
 Dorsey W. Shackelford, Dem.16,219
 D. W. Peters, Rep.11,965
 M. W. Pemberton, Prog.2,391

9. The counties of Audrain, Callaway, Franklin, Gasconade, Lincoln, Montgomery, Pike, Ralls, St. Charles, Warren.
 Champ Clark, Dem.....21,782
 W. L. Cole, Rep.....16,283

10. The county of St. Louis and the 1st, 7th, 8th, 9th, 10th, 11th, 12th, 19th, 24th, 27th (precinct 11), 28th wards of the city of St. Louis.
 Maurice O'Connor, Dem.....31,227
 Richard Bartholdt, Rep.....33,242
 August Siefert, Prog.....16,417

11. The 2d, 3d, 16th, 17th, 18th, 20th, 21st, 26th, 27th (except precinct 11) wards of the city of St. Louis.
 W. L. Igoe, Dem.....19,653
 Theron E. Catlin, Rep.....12,448

12. The 4th, 5th, 6th, 7th (only precinct 12), 12th (only precincts 11 and 12), 13th, 14th, 15th (except precincts 2, 3 and 4), 20th (only precinct 1), 21st (only precincts 1 and 2), 22d, 23d, 24th, 25th (only precincts from 1 to 6, inclusive), 28th (only precincts 1 and 2) wards of the city of St. Louis.
 Michael J. Gill, Dem.....11,249
 L. C. Dyer, Rep.....11,981

13. The counties of Bollinger, Carter, Iron, Jefferson, Madison, Perry, Reynolds, St. Francois, Ste. Genevieve, Washington, Wayne.
 Walter L. Hensley, Dem.....16,079
 S. G. Nipper, Rep.....13,403

14. The counties of Butler, Cape Girardeau, Christian, Douglas, Dunklin, Howell, Mississippi, New Madrid, Oregon, Ozark, Pemiscot, Ripley, Scott, Stoddard, Stone, Taney.
 Joseph J. Russell, Dem.....26,081
 George C. Curry, Rep. and Prog.....25,066

15. The counties of Barry, Barton, Jasper, Lawrence, McDonald, Newton, Vernon.
 Perl D. Decker, Dem.....21,000
 I. B. McPherson, Rep.....12,850
 H. H. Gregg, Prog.....7,797

16. The counties of Crawford, Dallas, Dent, Laclede, Maries, Phelps, Polaski, Shannon, Texas, Webster, Wright.
 T. L. Rubey, Dem.....15,908
 J. P. O'Bannon, Rep.....10,811
 Columbus Bradford, Prog.....3,678

LEGISLATURE.		Senate House, J.B.	
Democrats	25	113	138
Republicans	9	27	36
Progressive	1	1	1

STATE OFFICERS.

Governor—Elliott W. Major, Dem.
 Lieutenant-Governor—William R. Painter, Dem.
 Secretary of State—Cornelius Roach, Dem.
 Treasurer—Edwin P. Dea, Dem.
 Auditor—John P. Gordon, Dem.
 Attorney-General—John F. Barker, Dem.
 Superintendent Schools—W. P. Evans, Rep.

MONTANA (Population in 1910, 376,053).

COUNTIES.

Population in 1910.	(31)	PRESIDENT 1912			
		Dem. Wilson	Prog. Roosevelt	Rep. Taft	Spec. Debs
6406 Beaverhead.....	713	320	708	110	
Blaine.....	352	507	204	108	
3491 Broadwater.....	451	197	205	80	
13663 Carbon.....	736	388	546	388	
28383 Cascade.....	1633	1001	1079	838	
17191 Choteau.....	402	265	561	129	
14123 Custer.....	1008	1192	685	247	
12725 Dawson.....	719	1165	678	220	
12868 Deer Lodge.....	1197	464	1000	139	
17385 Fergus.....	1393	1083	745	421	
18785 Flathead.....	1164	1351	496	446	
14079 Gallatin.....	1407	929	883	212	
2942 Granite.....	346	256	185	92	
Hill.....	624	545	536	323	
5601 Jefferson.....	479	299	247	176	
21853 Lewis and Clark.....	1505	1375	1062	391	
3638 Lincoln.....	343	206	218	235	
7229 Madison.....	822	516	506	78	
4190 Meagher.....	473	327	321	75	
23596 Missoula.....	1523	1773	589	773	
Musselshell.....	470	400	483	215	
10731 Park.....	759	718	664	253	
5604 Powell.....	545	418	335	147	
11696 Ravalli.....	858	896	316	282	
7385 Rosebud.....	313	368	392	80	
3713 Sanders.....	414	375	257	161	
56848 Silver Bow.....	4542	1802	2232	3320	
4029 Sweet Grass.....	278	424	181	60	
9546 Teton.....	648	446	612	287	
13650 Valley.....	636	858	668	362	
22044 Yellowstone.....	1193	1386	1004	245	

Total.....	28129	22688	18575	10896
Plurality.....	5441			
Percent.....	35.03	28.26	23.14	13.57
Total vote.....			80285	

There was no prohibition ticket in Montana in 1912.

FOR REPRESENTATIVES IN CONGRESS, 1912.

Thomas Stout, Dem.....	25,891
John M. Evans, Dem.....	24,492
Charles N. Pray, Rep.....	23,505
William R. Allen, Rep.....	19,633
Thomas Everett, Prog.....	16,644
George A. Horkan, Prog.....	15,336
Henri LaBau, Soc.....	10,271
J. Frank Mable, Soc.....	10,066

LEGISLATURE.

Senate House, J.B.

Democrats	16	48	64
Republicans	13	20	33
Progressives	2	16	18
Socialists	1	1	1

STATE OFFICERS. (All democrats.)

Governor—Samuel V. Stewart.
 Lieutenant-Governor—William W. McDowell.
 Secretary of State—Adelbert M. Alderson.
 Attorney-General—Daniel M. Kelly.
 State Treasurer—William C. Rice.
 State Auditor—William Keating.
 Superintendent of Public Instruction—Henry A. Dave.
 Railroad Commissioner—John H. Hall.

NEBRASKA (Population in 1910, 1,192,214).

Population in 1910.	COUNTIES. (92)	PRESIDENT 1912				Gov. 1910				PRESIDENT 1908				GOVERNOR 1906					
		Rep. Taft	Dem. Wilson	Prog. Debs	Spec. Chas. Roosevelt	Rep. Dahlgren	Dem. Aldrich	Prog. Bryan	Spec. Chas. Roosevelt	Rep. Taft	Dem. Wilson	Prog. Debs	Spec. Chas. Roosevelt	Rep. Taft	Dem. Wilson	Prog. Debs	Spec. Chas. Roosevelt	Rep. Taft	Dem. Wilson
20000 Adams.....	801	2117	186	125	943.	2124	1888.	1967	2367	119	92.	1543	1773	126	43				
14003 Antelope.....	874	1228	50	33	947.	1426	880.	1658	1455	69	20.	1344	973	68	14				
1444 Banner.....	53	57	35	3	128.	173	45.	175	74	2	17.	65	24	3	1				
1672 Blaine.....	124	165	33	7	107.	214	122.	220	160	4	8.	111	76	3	2				
13145 Boone.....	570	1360	51	40	942.	1796	1086.	1580	1583	40	12.	1407	1024	136	17				
6131 Box Butte.....	229	520	97	20	424.	598	487.	600	684	19	29.	471	404	13	16				
8826 Boyd.....	281	651	57	23	653.	946	606.	954	891	34	27.	714	628	31	36				
6983 Brown.....	206	483	92	21	415.	642	384.	588	536	15	42.	458	278	14	21				
21907 Buffalo.....	1081	2061	261	57	1296.	2659	1854.	2536	2320	75	76.	2314	1647	52	81				
12726 Burt.....	867	1040	60	20	915.	1420	1015.	1420	1215	69	14.	1640	912	42	22				
15403 Butler.....	823	1756	40	37	586.	1482	2031.	1412	2129	41	17.	1384	1508	83	19				
19786 Cass.....	907	2009	154	66	1132.	2218	1982.	2440	2387	85	58.	2363	1651	65	37				
15191 Cedar.....	722	1515	9	17	1045.	1390	1593.	1627	1732	39	5.	1170	1197	18	15				
3613 Chase.....	216	264	38	24	265.	544	173.	400	338	34	3.	211	335	9	1				
10414 Cherry.....	689	1052	229	35	631.	1149	839.	1048	1021	41	58.	654	493	30	33				
4551 Cheyenne.....	232	348	78	21	281.	473	411.	896	809	28	37.	419	293	15	23				
15729 Clay.....	557	1694	52	63	1262.	2201	1986.	1891	1839	95	31.	1582	1467	70	22				
11610 Colfax.....	620	1358	80	12	1367.	1733	1387.	1733	1387	21	35.	845	754	18	36				
13782 Cuming.....	759	1484	30	8	476.	1023	1783.	1284	1722	29	5.	988	1340	13	9				

Population.	Taft	Wilson	Debs	Chafin	Roosevelt	Aldrich	Dahlgren	Taft	Bryan	Chafin	Debs	Sheldon	Sh'Unh'r	S't'n	Taylor
25698 Custer.....	1051	2426	353	79	1874..	3607	1789..	2788	2898	98	147..	1999	1640	117	152
4594 Dakota.....	409	612	50	12	357..	555	615..	729	716	22	22..	648	524	20	30
1054 Dawes.....	298	583	65	15	610..	872	674..	386	727	16	29..	606	584	11	31
15961 Dawson.....	451	1613	76	54	1307..	2118	1168..	1737	1926	87	22..	1274	1026	85	34
1786 Deuel.....	64	135	25	1	157..	248	134..	526	392	12	8..	236	155	7	2
11477 Dixon.....	582	823	24	38	955..	1276	770..	1257	1100	63	12..	906	708	70	20
22145 Dodge.....	1324	1987	209	74	934..	2033	2390..	2437	2664	109	49..	1948	1958	42	45
16856 Douglas.....	6212	12853	2154	124	7930..	9412	1741..	14066	15583	266	798..	1955	9325	74	693
4098 Dundy.....	148	304	72	10	347..	525	254..	486	391	17	26..	335	299	19	16
14674 Fillmore.....	972	1736	78	44	737..	1873	1641..	1756	1889	40	24..	1603	1499	33	39
10505 Franklin.....	334	1148	58	31	779..	1221	1024..	1083	1238	57	38..	909	929	40	22
8572 Frontier.....	293	657	120	37	582..	1008	614..	1098	847	55	54..	735	586	36	44
12083 Furnas.....	354	1265	83	55	815..	1663	838..	1400	1618	92	15..	1113	1145	47	15
30925 Gage.....	1396	2593	173	88	2159..	3659	2753..	2721	3129	131	69..	2849	1886	259	47
3538 Garden.....	136	282	48	18	369..	390	244..	368	363	10	23..	322	200	12	11
3417 Garfield.....	192	234	135	5	245..	390	250..	410	499	32	3..	318	399	17	15
4033 Gosper.....	129	524	10	16	288..	521	410..	499	634	32	3..	318	399	17	15
1097 Grant.....	82	93	7	2	52..	11	73..	93	101	2	1..	65	43	—	—
8047 Greeley.....	371	913	65	21	737..	733	772..	691	1691	12	29..	593	732	12	29
20361 Hall.....	1047	2086	249	58	974..	1963	2048..	2241	2229	102	102..	1338	1508	76	99
13459 Hamilton.....	450	1433	87	63	1054..	1995	1141..	1633	1634	129	22..	1292	1155	161	25
9578 Harlan.....	325	922	142	64	613..	1236	665..	1081	1158	115	49..	726	1285	150	20
3011 Hayes.....	106	139	41	8	246..	319	160..	359	277	11	42..	239	183	5	36
5415 Hitchcock.....	128	471	60	28	371..	713	373..	633	632	17	14..	506	468	15	12
15545 Holt.....	778	1456	130	43	1196..	1702	1323..	1541	1777	99	63..	1327	1414	69	55
361 Hooker.....	103	122	19	2	57..	112	80..	100	91	3	3..	54	36	5	5
10789 Howard.....	451	1115	67	24	544..	1071	992..	977	1435	40	31..	857	1068	26	29
16852 Jefferson.....	655	1390	226	43	1208..	1552	1583..	1941	1787	77	39..	1573	906	109	54
10187 Johnson.....	672	890	27	21	649..	1163	1035..	1357	1150	45	8..	1235	828	51	13
9106 Kearney.....	338	1012	44	33	657..	1357	645..	963	1174	121	28..	896	886	189	33
3992 Kelth.....	188	304	85	5	236..	360	318..	368	310	6	5..	189	202	2	4
3452 Keyapaha.....	258	221	70	11	246..	431	180..	422	354	18	49..	274	194	10	33
1942 Kimball.....	73	109	18	3	208..	264	72..	216	124	7	10..	77	33	—	2
18568 Knox.....	1028	1864	91	26	930..	1751	1739..	1871	2106	79	41..	1441	1257	66	65
7733 Lancaster.....	232	688	445	234	414..	777	567..	748	8540	40	85..	5754	3240	479	71
15684 Lincoln.....	690	1129	400	60	910..	1594	990..	1541	1382	80	139..	863	687	4	115
1521 Logan.....	97	153	17	6	110..	207	81..	140	155	10	32..	183	96	7	6
2188 Loup.....	131	114	59	7	148..	283	116..	248	170	10	32..	183	96	1	26
19101 Madison.....	1181	1720	56	37	1016..	1749	1763..	2137	1878	40	14..	1512	1233	37	13
2470 McPherson.....	114	180	45	8	232..	279	137..	234	165	11	18..	78	33	2	5
10679 Merrick.....	526	951	40	112	635..	1268	966..	1133	1081	156	15..	948	760	113	7
4384 Morrill.....	227	392	75	25	405..	538	252..	582	266	45	6..	867	639	27	3
8025 Nance.....	630	716	22	27	536..	1127	559..	1082	926	45	41..	1463	1140	80	32
13065 Nemaha.....	672	1374	58	45	812..	1557	1187..	1583	1674	49	11..	1231	964	31	5
13019 Nuckolls.....	738	1812	78	38	852..	1656	1017..	1519	1523	35	11..	1231	964	31	5
19323 Otoe.....	922	1946	71	51	1054..	1870	2230..	2243	2411	71	18..	1940	1700	75	29
10582 Pawnee.....	593	958	53	51	711..	1334	930..	1468	1115	80	9..	1349	810	83	19
2570 Perkins.....	101	254	32	3	190..	357	124..	254	265	1	3..	134	156	5	1
10451 Phelps.....	254	974	76	33	1072..	1687	643..	1445	1238	116	29..	993	906	213	20
10122 Pierce.....	694	948	15	17	451..	804	1162..	1067	1095	27	9..	769	713	9	18
13008 Platte.....	436	2015	45	32	1227..	1522	2228..	1584	2487	67	8..	1047	2159	26	23
10521 Polk.....	485	906	89	140	785..	1545	788..	1171	1264	165	43..	902	890	185	28
11056 Red Willow.....	256	927	191	26	782..	1155	782..	1242	1317	53	78..	912	642	36	41
17448 Richardson.....	965	1980	107	53	1350..	2081	1854..	2123	2258	71	17..	1855	1731	76	29
3627 Rock.....	231	280	56	15	289..	465	171..	469	334	14	15..	390	155	13	7
17866 Saline.....	1185	1942	58	69	739..	1816	2217..	2048	2249	93	16..	1782	1512	80	30
9274 Sarpy.....	404	857	71	23	440..	761	1051..	912	1090	41	26..	722	796	26	23
21179 Saunders.....	864	2080	90	59	1510..	2374	2268..	2309	2679	91	32..	1859	1980	121	28
8355 Scotts Bluff.....	314	495	230	32	657..	915	366..	739	549	40	73..	1018	232	718	61
15836 Seward.....	738	1575	27	27	968..	1767	1751..	1930	2029	41	3..	1616	1454	58	4
12338 Sheridan.....	377	630	123	31	512..	785	567..	709	733	34	43..	467	383	17	20
8278 Sherman.....	455	675	124	20	595..	875	666..	776	925	23	50..	620	673	19	47
5599 Sioux.....	151	375	63	8	396..	621	211..	516	464	24	11..	199	157	8	3
7542 Stanton.....	471	725	16	5	297..	671	734..	792	823	9	6..	593	441	17	3
14775 Thayer.....	703	1491	87	50	964..	1504	1568..	1714	1703	53	23..	1494	1177	89	30
1191 Thomas.....	86	172	22	3	104..	151	73..	95	130	2	7..	55	60	9	10
8794 Thurston.....	436	834	63	12	492..	745	677..	885	734	15	13..	466	501	9	10
10280 Valley.....	552	789	121	44	561..	1209	703..	1040	1045	51	10..	739	676	53	9
12738 Washington.....	599	1182	91	20	906..	1252	1241..	1592	1460	39	40..	1214	1087	29	45
10397 Wayne.....	600	808	20	9	725..	1041	917..	1297	1055	23	10..	963	759	15	12
12008 Webster.....	536	1163	79	71	915..	1512	1055..	1408	1354	119	17..	1107	929	193	12
2292 Wheeler.....	71	194	38	4	179..	225	100..	236	252	10	19..	154	141	3	11
18721 York.....	962	1886	86	92	1086..	2471	1421..	2209	2042	124	9..	1977	1379	150	9

Total.....54548 109109 10219 3419 72776. 123070 107760 126907 131099 5179 3524.. 97858 84855 5106 2090

Plurality..... 36333 15310 4102

Per cent..... 21.75 43.66 4.09 1.37 29.13.. 51.89 45.44.. 47.60 49.13 1.97 1.20.. 51.26 44.46 2.67 1.61

Total vote..... 249871 267155 266799 190848

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Cass, Johnson, Lancaster, Nemaha, Otoe, Pawnee and Richardson.

J. A. Maguire, Dem.....	17,416
P. I. Clark, Rep.....	15,706
C. R. Oyler, Soc.....	863
M. A. Carragher, Pro.....	481

- Counties of Douglas, Sarpy and Washington.

C. O. Lobeck, Dem.....	16,069
H. H. Balbridge, Rep.....	15,662
J. N. Carter, Soc.....	2,146

- Counties of Antelope, Boone, Burt, Cedar, Colfax, Cuming, Dakota, Dixon, Dodge, Knox, Mad-

- ison, Merrick, Nance, Pierce, Platte, Stanton, Thurston and Wayne.

D. V. Stephens, Dem.....	36,229
J. C. Cook, Rep.....	21,637
N. H. Nye, Soc.....	912
W. D. Gibson, Pro.....	537

- Counties of Butler, Fillmore, Gage, Hamilton, Jefferson, Polk, Saline, Saunders, Seward, Thayer and York.

Charles H. Sloan, Rep.....	22,293
C. M. Skiles, Dem.....	15,379
E. E. Olmsted, Soc.....	950
L. A. White, Pro.....	557

5. Counties of Adams, Chase, Clay, Dundy, Franklin, Frontier, Furnas, Gosper, Hull, Harlan, Hayes, Hitchcock, Kearney, Nuckolls, Perkins, Phelps, Red Willow and Webster.

S. R. Barker, Rep.	18,818
S. D. Sutherland, Dem.	17,522
W. C. Elliott, Soc.	1,421
G. W. Porter, Pro.	610
6. Counties of Banner, Blaine, Box Butte, Brown, Buffalo, Cheyenne, Cherry, Custer, Dawes, Dawson, Deuel, Garfield, Grant, Greeley, Holt, Hooper, Howard, Keith, Keyapaha, Kimball, Lincoln, Logan, Loup, McPherson, Rock, Scotts Bluff, Sheridan, Sherman, Sioux, Thomas, Valley and Wheeler.	
Moses J. Kinkaid, Rep.	24,766
W. J. Taylor, Dem.	18,530
F. J. Warren, Soc.	3,738
F. L. Armstrong, Prog.	4,997

LEGISLATURE. Senate. House. J. B.

Democrats	15	54	69
Republicans	18	46	64

STATE OFFICERS.

Governor—John H. Morehead, Dem.
Lieutenant-Governor—S. R. McKelvie, Rep.-Prog.
Secretary of State—Addison Wait, Rep.-Prog.
Auditor—W. B. Howard, Rep.-Prog.
Treasurer—W. A. George, Rep.-Prog.
Attorney-General—G. G. Martin, Rep.-Prog.

NEVADA (Population in 1910, 81,875).

Population in 1910.	PRESIDENT 1912				GOV. 1910			
	Rep.	Dem.	Soc.	Prog.	Rep.	Dem.	Soc.	Prog.
Counties.	15	15	15	15	15	15	15	15
2811 Churchill	157	357	212	305	377	552	119	
3321 Clark	114	300	108	264	354	419	53	
1835 Douglas	80	144	22	172	217	235	10	
9133 Elko	403	852	259	514	854	889	77	
5935 Esmeralda	246	718	879	246	1543	1344	154	
1630 Eureka	65	226	20	123	282	120	8	
6825 Humboldt	208	719	339	536	783	911	159	
1788 Lander	69	197	53	200	344	230	49	
3489 Lincoln	100	275	28	144	287	284	29	
3668 Lyon	135	437	239	554	479	552	78	
3688 Mineral	59	249	131	146				
7515 Nye	346	861	141	419	1333	697	221	
3938 Ormsby	150	294	196	65	420	318	27	
3045 Storey	166	400	82	212	457	419	30	
17434 Washoe	646	1446	306	1149	1953	1394	149	
7441 White Pine	259	515	302	431	738	814	229	
Total	3203	8015	3390	5280	10411	8796	1392	
Plurality		2735				1615		
Per cent.	16.13	40.36	16.92	26.59	50.54	42.70	6.76	
Total vote		19588				20599		

FOR REPRESENTATIVES IN CONGRESS, 1912.

E. E. Roberts, Rep.	7,383
Clay Tallman, Dem.	7,309

LEGISLATURE. Senate. House. J. B.

Republicans	2	16	24
Democrats	12	33	45
Socialists	1	2	3
Independent	1	0	1
Progressives	0	2	2

STATE OFFICERS.

Governor—Tasker L. Odde, Rep.
Lieutenant-Governor—Gilbert C. Ross, Dem.
Secretary of State—George Brodigan, Dem.
Treasurer—William McMillan, Rep.
Comptroller—Jake Eggers, Rep.
Attorney-General—Cleveland H. Baker, Dem.

NEW HAMPSHIRE (Population in 1910, 430,572).

Population in 1910.	PRESIDENT 1912				GOV. 1910			
	Rep.	Dem.	Soc.	Prog.	Rep.	Dem.	Soc.	Prog.
Counties.	10	10	10	10	10	10	10	10
21309 Belknap	1741	1892	944	108	78			
18316 Carroll	1574	1830	881	41	25			
30659 Cheshire	2765	2114	1252	156	34			
30753 Coos	1938	2229	1103	189	42			
41652 Grafton	3520	2752	2165	93	60			
28072 Hillsborough	8007	8909	4586	94	93			
15335 Merrimack	4532	4741	2119	289	32			
52188 Rockingham	4291	4306	2465	207	61			
38551 Strafford	2282	3458	1253	140	31			
10337 Sullivan	1677	1523	1014	84	19			
Total	32927	34724	17794	1981	535			
Plurality		1797						
Per cent.	37.46	39.51	20.17	2.25	.61			
Total vote		87961						

FOR REPRESENTATIVES IN CONGRESS, 1912.

- The counties of Belknap, Carroll, Rockingham, Strafford, Hillsborough (part) and Merrimack (part).
Cyrus A. Salloway, Rep. 17,353
Eugene E. Reed, Dem. 18,383
Samuel O. Titus, Prog. 4,307
Michael B. Roth, Soc. 856
John H. Bliss, Pro. 207
- The counties of Cheshire, Coos, Grafton, Sullivan, Hillsborough (part) and Merrimack (part).
Frank D. Currier, Rep. 17,961
Raymond B. Stevens, Dem. 21,794
Horace W. Spokensfield, Soc. 724
John C. Berry, Pro. 174

LEGISLATURE. Senate. House. J. B.

Republicans	10	208	218
Democrats	10	197	207

STATE OFFICERS. (All republicans.)

Governor—Robert P. Bass.
Secretary—E. N. Pearson.
Treasurer—Solon A. Carter.
Attorney-General—E. G. Eastman.

Note—New governor and other state officials to be elected by legislature in January, 1913; no choice for governor by direct vote Nov. 5, 1912.

NEW JERSEY (Population in 1910, 2,537,167).

Population in 1910.	PRESIDENT 1912				GOV. 1910			
	Rep.	Prog.	Pro.	S. L. Dem.	Rep.	Dem.	S. L. Dem.	Prog.
Counties.	21	21	21	21	21	21	21	21
71894 Atlantic	4419	4244	152	219	35	4881		
138002 Bergen	5078	8576	171	943	85	9065		
65955 Burlington	3894	3061	219	223	24	5501		
142029 Camden	7892	8706	258	1743	60	10781		
19745 Cape May	907	1845	73	67	9	2119		
55153 Cumberland	1893	4091	245	299	21	3844		
51286 Essex	19977	39004	163	3315	237	26242		
37368 Gloucester	185	3407	220	205	19	3852		
53721 Hudson	8740	24107	137	3163	347	49119		
138569 Hunterdon	1963	1468	73	49	19	4100		
125657 Mercer	5068	6992	102	533	72	7764		
114426 Middlesex	4730	5055	110	249	45	8177		
94734 Monmouth	3674	6293	124	227	34	9784		
74704 Morris	8222	4435	212	411	19	5624		
21318 Ocean	918	2053	45	42	17	1857		
215802 Passaic	5523	11368	85	2398	205	10793		
32953 Salem	1743	1393	64	79	10	3735		
38820 Somerset	2064	2052	64	43	12	3136		
16781 Sussex	889	1505	69	48	3	2851		
140197 Union	5415	8418	79	1481	42	9635		
43187 Warren	1409	2006	201	143	27	4662		
Total	88834	145409	2875	15900	1322	178282		
Plurality						32873		
Per cent.	20.53	33.61	.66	3.68	.31	41.21		
Total vote						432622		

For president in 1908 Taft, Rep., received 233,682 votes; Bryan, Dem., 182,567, and Debs, Soc., 10,553.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Camden, Gloucester and Salem.
William J. Browning, Rep. 14,472
D. Stewart Craven, Dem. 13,170
Frank B. Jess, Prog. 5,891
 - Counties of Cape May, Cumberland, Atlantic and Burlington.
J. Thompson Baker, Dem. 16,130
John J. Gardner, Rep. 12,330
Francis D. Potter, Prog. 7,384
 - Counties of Middlesex, Monmouth and Ocean.
Thomas J. Scully, Dem. 20,596
Benjamin F. S. Brown, Prog.-Rep. 14,363
 - Counties of Hunterdon, Somerset and Mercer.
Allan B. Walsh, Dem. 13,222
William E. Blackman, Rep. 8,607
John E. Gill, Prog. 6,685
 - Counties of Union and Morris.
William E. Tuttle, Jr., Dem. 13,920
William N. Runyon, Rep. 10,085
Charles W. Ennis, Prog. 7,393
 - Counties of Bergen, Sussex, Warren and Passaic (part).
Lewis J. Martin, Dem. 15,216
Stephen W. McClave, Rep. 8,373
Leveritt H. Sage, Prog. 7,007
- To fill vacancy in 62d congress:
Archibald C. Hart, Wilson Dem. 17,197
Albin Smith, Rep. 15,325

Ernest A. Shay, Prog.....	11,287
David J. Hanvey, Dem.....	3,369
7. Part of Passaic county.	
Robert G. Bremner, Dem.....	9,990
Albin Smith, Rep.....	6,686
Henry Marell, Prog.....	4,746
8. Essex (part) and Hudson (part).	
Eugene F. Kinkead, Dem.....	14,058
Harold Bouton, Prog.....	9,527
Robert S. Tew, Rep.....	2,269
9. Essex (part).	
Walter I. McCoy, Dem.....	10,196
Herman B. Walker, Prog.....	6,403
Richard Wayne Parker, Rep.....	5,818
10. Essex (part).	
Edward W. Townsend, Dem.....	10,854
William Fellowes Morgan, Prog.....	7,847
W. I. Lincoln Adams, Rep.....	7,111
11. Hudson (part).	
John J. Eagan, Dem.....	14,208
Harlan Besson, Prog.....	7,018
James M. Reilly, Rep.....	1,429
12. Hudson (part).	
James A. Hamill, Dem.....	17,980
George L. Record, Rep.....	8,089

LEGISLATURE. Senate. House. J.B.			
Democrats.....	12	51	63
Republicans.....	9	9	18

STATE OFFICERS.			
Governor—Woodrow Wilson,* Dem.			
Secretary—S. D. Dickinson, Rep.			
Treasurer—Dan S. Voorhees, Rep.			
Comptroller—E. J. Edwards, Dem.			

*Term expires March 1; successor to be elected by legislature.

NEW MEXICO (Population in 1910, 327,396).

COUNTIES.	—PRESIDENT 1912.—				—GOV. 1911.—			
	Wilson	Taft	Roosevelt	Debs	Bureau	McDonald	Wilson	Taft
Population in 1910.								
23606 Bernalillo.....	1199	1002	1394	169..	1826	3052		
16850 Chaves.....	1339	465	398	347..	645	1994		
16460 Colfax.....	1132	1096	564	77..	1601	1940		
11443 Curry.....	634	123	253	194..	339	988		
12836 Dona Ana.....	895	912	241	16..	1284	1394		
12400 Eddy.....	936	145	371	106..	330	1460		

14813 Grant.....	Wilson	Taft	Roosevelt	Debs	Bureau	McDonald
10627 Guadalupe.....	1130	439	416	136..	1095	1585
7822 Lincoln.....	761	651	154	96..	1018	1085
3913 Luna.....	461	452	109	107..	671	801
12363 McKinley.....	461	81	194	82..	265	632
12611 Mora.....	224	264	237	7..	465	409
7039 Otero.....	1032	1022	264	44..	1449	1259
14912 Quay.....	420	220	201	165..	518	692
16719 Rio Arriba.....	882	851	358	285..	816	1167
12064 Roosevelt.....	1004	1549	101	5..	1941	1189
8579 Sandoval.....	599	107	250	249..	291	837
8504 San Juan.....	126	211	583	..	517	759
22950 San Miguel.....	493	203	229	141..	433	823
14770 Santa Fe.....	1740	2479	207	27..	2919	2153
3536 Sierra.....	1012	1432	390	64..	1710	1418
14761 Socorro.....	332	176	86	11..	516	576
12008 Taos.....	1078	960	269	20..	2085	1414
10119 Torrance.....	765	855	277	21..	1289	1013
11404 Union.....	330	520	232	172..	883	814
13320 Valencia.....	1119	815	449	228..	1288	1379
	231	1263	111	30..	1775	303
Total.....	20437	17733	8347	2350..	28019	31036
Plurality.....	2704				3017	
Percent.....	41.38	35.92	16.91	5.79..	46.05	51.01
Total vote.....	49376				60842	

FOR REPRESENTATIVES IN CONGRESS, 1912.

H. B. Fergusson, Dem.....	22,139
Nathan Jaffa, Rep.....	17,900
Marcos C. de Baca, Prog.....	5,883
Andrew Eggum, Soc.....	2,644

LEGISLATURE. Senate. House. J.B.

Republicans.....	16	23	44
Progressives.....	1	5	6
Democrats.....	7	16	23

STATE OFFICERS.

Governor—William C. McDonald, Dem.	
Lieutenant-Governor—E. C. de Baca, Dem.	
Secretary of State—Antonio Lucero, Dem.	
Treasurer—Owen N. Marron, Dem.	
Attorney-General—Frank W. Clancy, Rep.	
Auditor—William G. Sargent.	
Commissioner of Public Lands—Robert P. Ervin, Rep.	
Superintendent of Public Instruction—Alvan N. White, Dem.	
Librarian—Mrs. Lola C. Armijo.	

NEW YORK (Population in 1910, 9,113,279).

COUNTIES.	—PRESIDENT 1912.—										—PRESIDENT 1908.—									
	Dem.	Wilson	Taft	Soc.	Prog.	Roos.	S.L.	Rep.	Dem.	Ind.	Dem.	Bryan	Hisgen	Debs	Chas.	Pro.	S.L.	G.H.		
Population in 1910.																				
17366 Albany.....	17235	20416	625	197	4487	50..	24763	18732	18732	358	206	179	39							
14142 Allegany.....	2777	3698	283	449	2694	23..	7504	3390	41	66	597	21								
78809 Broome.....	6530	7949	354	794	2586	31..	10705	6971	102	99	824	7								
65919 Cattaraugus.....	4886	4820	605	537	3487	25..	3630	6036	79	281	571	24								
67106 Cayuga.....	4691	5788	526	291	2428	53..	9820	5789	79	595	401	61								
15126 Chautauque.....	4937	7899	1335	947	5277	113..	15739	6158	81	79	688	947	72							
54962 Chemung.....	6008	3217	410	494	2733	23..	7410	5096	196	80	265	35								
35575 Chenango.....	3341	4042	93	396	1809	9..	5949	3772	50	67	485	19								
48230 Clinton.....	3222	3903	52	214	1206	22..	5474	3866	51	54	399	12								
43658 Columbia.....	4599	3740	76	89	1318	15..	5726	5087	122	16	138	10								
29249 Cortland.....	2283	2858	69	416	1629	12..	5090	2615	31	12	421	6								
45575 Delaware.....	4511	4731	327	253	1895	11..	7142	4641	57	21	386	8								
57661 Dutchess.....	3865	6910	202	222	2126	25..	11132	8861	223	73	358	28								
52628 Erie.....	33518	19182	4776	680	26533	597..	52182	45185	249	1294	565	247								
33458 Essex.....	2070	3126	63	77	1720	12..	5167	2033	94	60	114	11								
45717 Franklin.....	2706	3980	73	297	1363	17..	5909	2935	58	21	307	35								
44534 Fulton.....	2550	3741	1043	270	2173	69..	6574	3508	188	565	408	99								
37615 Genesee.....	2656	3231	81	225	2061	10..	5794	3171	93	14	222	12								
30214 Greene.....	3647	2711	92	134	818	7..	4191	3711	72	63	265	11								
74373 Hamilton.....	492	454	7	18	163	..	632	586	2	1	41	2								
55356 Herkimer.....	4693	4695	458	693	3128	42..	8202	5586	136	156	243	24								
36222 Jefferson.....	6054	6202	600	637	3933	37..	11477	6994	171	494	674	67								
163431 Kings.....	109748	51239	11459	476	71173	568..	119379	96756	10648	8422	590	625								
24849 Lewis.....	2338	2064	31	139	1512	8..	4159	2810	13	13	155	5								
38087 Livingston.....	3201	3725	51	189	1786	6..	5700	3567	29	14	224	8								
39289 Madison.....	3160	3490	288	245	2709	31..	6727	3937	46	141	410	17								
28322 Monroe.....	17863	16876	2943	704	14919	266..	33250	22704	894	1521	675	115								
57567 Montgomery.....	4507	5040	408	121	1894	28..	7571	5254	190	58	188	27								
65390 Nassau.....	7073	4695	149	141	6543	10..	9787	4883	613	96	135	21								
276252 New York.....	166158	63107	18124	329	98083	930..	154898	160261	14125	15599	507	1122								
92065 Niagara.....	7647	5654	762	426	4256	58..	11145	8574	52	95	455	35								
15317 Oneida.....	12182	11245	1296	454	8532	196..	19546	14908	210	250	571	92								
202028 Onondaga.....	15827	16202	2430	602	10694	162..	27209	16643	175	1116	1069	143								
52286 Ontario.....	4728	4897	165	191	2278	13..	8245	5484	29	82	190	10								
11574 Orange.....	9402	10360	396	281	3509	69..	14414	9638	358	194	334	38								
32000 Orleans.....	2447	2983	71	267	1365	7..	4885	2590	64	27	231	43								
71664 Oswego.....	3256	5096	148	622	3950	25..	10447	6172	51	76	1176	23								

Population.	Wilson	Taft	Debs	Chaslin	Roosevelt	Reimer	Taft	Bryan	Higgen	Debs	Chaslin	Gillham
47216 Otsego.....	5388	5138	125	335	1696	9.	7459	5975	57	24	442	20
14965 Putnam.....	1321	1267	8	20	593	2.	2275	1369	52	4	43	5
284041 Queens.....	28044	9201	3326	108	14967	115.	19420	20642	2284	1751	118	93
122276 Rensselaer.....	11683	10633	858	262	3735	98.	17196	13162	336	224	336	67
85693 Richmond.....	8438	3035	325	145	3771	34.	6831	7401	523	193	104	32
46673 Rockland.....	4241	2217	177	87	2502	18.	4857	3867	202	88	129	14
40673 St. Lawrence.....	5329	5435	136	545	4321	25.	14151	5838	172	61	543	24
61917 Saratoga.....	5292	6398	341	362	2219	27.	5706	6518	136	155	437	24
88235 Schoenectady.....	8345	5229	3456	244	2640	111.	9944	7129	249	1110	296	134
23855 Schoharie.....	3355	2389	31	272	580	4.	3393	3841	23	5	240	2
14004 Schuyler.....	1416	1649	40	135	526	2.	2417	1695	8	16	133	1
28972 Seneca.....	2573	2536	83	128	1081	8.	3749	3136	26	54	131	5
63632 Steuben.....	7396	5893	648	813	4109	26.	12313	8366	111	237	809	23
96138 Suffolk.....	7876	5500	343	318	5484	35.	10689	1877	497	283	355	29
33048 Sullivan.....	3964	3037	135	78	961	11.	4533	3911	40	55	139	8
25624 Tioga.....	2400	2642	125	199	1052	13.	4247	2706	29	45	224	3
33647 Tompkins.....	2272	2232	122	377	2063	25.	5090	3734	25	50	324	9
91769 Ulster.....	8510	7482	150	406	2351	23.	10475	8560	204	107	366	28
32223 Warren.....	2802	3153	255	126	1608	21.	4800	3019	70	60	229	12
47778 Washington.....	3556	4593	195	255	2605	14.	7393	3593	109	110	323	19
50179 Wayne.....	3664	4769	82	461	2574	8.	8008	4404	46	56	257	6
289055 Westchester.....	21160	15338	1845	289	15051	23.	29438	18346	1237	923	376	102
31380 Wyoming.....	2540	2836	61	212	2270	7.	5308	2885	42	28	246	8
18642 Yates.....	1456	1793	83	115	505	12.	3275	1927	19	30	109	11
Total.....	655475	455428	6381	19427	390021	4251.	870070	667468	35817	38451	22667	3877
Plurality.....	300047						20292					
Per cent.....	41.28	23.68	3.97	1.22	24.57	28.	53.43	40.98	2.14	1.88	1.30	.20
Total vote.....			158783						1638560			

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Suffolk, Nassau and Queens (part).	
Lathrop Brown, Dem.....	16,503
Frederick C. Hicks, Rep.....	11,690
W. Bourke Cockran, Prog.....	11,229
H. W. Paine, Soc.....	183
2. County of Queens (part).	
Denis O'Leary, Dem.....	23,090
Frank E. Hopkins, Rep.....	6,941
Felix Fritzsche, Prog.....	7,175
William Danmar, Soc.....	2,918
George Traeger, Ind.....	318
3. Part of Kings county (Brooklyn).	
Frank E. Wilson, Dem.....	12,658
Frank F. Schulz, Rep.....	6,633
W. Prentice, Prog.....	4,918
John H. Jennings, Soc.....	1,801
David Hunter, Ind-Lab.....	325
4. Part of Kings county (Brooklyn).	
Harry H. Dale, Dem.....	9,059
William Lieberman, Rep.....	3,574
Robert J. Nolan, Soc.....	1,441
Samuel Greenblatt, Prog.....	5,139
C. H. Palmateer, Pro.....	33
5. Part of Kings county (Brooklyn).	
James P. Maher, Dem.....	12,504
John S. Gaynor, Rep.....	7,677
Charles J. Ryan, Prog.....	5,794
Hugh O'Malley, Soc.....	922
6. Part of Kings county (Brooklyn).	
Robert H. Roy, Dem.....	13,239
William M. Calder, Rep.....	21,691
B. C. Hammond, Soc.....	838
Jesse Tuller, Ind-Lab.....	9,310
John Berry, Pro.....	113
7. Part of Kings county (Brooklyn).	
John J. Fitzgerald, Dem.....	16,082
John E. Brady, Rep.....	5,021
M. A. Fitzgerald, Ind-Lab.....	5,513
H. Crygier, Soc.....	522
John McKee, Pro.....	67
8. Part of Kings county (Brooklyn).	
Daniel J. Griffin, Dem.....	17,403
Ernest P. Seelman, Rep.....	6,027
F. L. Lachemacker, Soc.....	1,078
A. H. T. Banghef, Ind-Lab.....	8,867
Frank C. Foster, Pro.....	101
9. Part of Kings county (Brooklyn).	
James H. O'Brien, Dem.....	15,903
Oscar W. Swift, Rep.....	10,122
William Koenig, Soc.....	2,027
John F. Kennedy, Prog.....	10,372
10. Part of Kings county (Brooklyn).	
Herman A. Metz, Dem.....	7,459
R. L. Haskell, Rep.....	5,174

Barnet Wolff, Soc.....	1,785
J. L. Holtzman, Prog.....	5,839
11. County of Richmond (Staten Island) and part of lower New York city.	
Daniel J. Riordan, Dem.....	15,417
William G. Rose, Rep.....	4,078
John H. W. Nag'e, Soc.....	437
William W. Mills, Prog.....	5,570
12. Part of New York city (New York county).	
Henry M. Goldfogel, Dem.....	4,592
Alexander Wolf, Rep.....	839
Meyer London, Soc.....	3,646
H. Moskowitz, Prog.....	2,602
13. Part of New York city (New York county).	
Timothy D. Sullivan, Dem.....	5,677
John G. B. Rinehart, Rep.....	1,151
Joshua Wanhope, Soc.....	790
S. S. Rotter, Prog.....	3,615
14. Part of New York city (New York county).	
Jefferson M. Levy, Dem.....	8,950
E. C. Kindelberger, Rep.....	3,463
Marie MacDonald, Soc.....	953
Abraham H. Goodman, Prog.....	4,407
15. Part of New York city (New York county).	
Michael F. Conry, Dem.....	16,791
Francis A. O'Neil, Rep.....	4,721
John Mullen, Soc.....	632
James H. Hickey, Prog.....	4,791
F. O. Lacey, Ind-Lab.....	232
16. Part of New York city (New York county).	
Peter J. Dooling, Dem.....	15,036
Francis C. Dale, Rep.....	5,929
Thomas O'Byrne, Soc.....	681
Timothy Healy, Prog.....	5,019
Charles E. Manierre, Pro.....	39
17. Part of New York city (New York county).	
John F. Carew, Dem.....	12,350
Ogden L. Mills, Rep.....	4,891
John A. Wall, Soc.....	1,074
L. Bates, Jr., Prog.....	5,516
18. Part of New York city (New York county).	
Thomas G. Patten, Dem.....	13,704
S. Walter Kaufman, Rep.....	4,943
A. Lee, Soc.....	2,085
Amos R. E. Pinchot, Prog.....	6,644
19. Part of New York city (New York county).	
Franklin Leonard, Jr., Dem.....	13,684
Walter M. Chandler, Prog.....	13,987
Alexander Brough, Rep.....	7,104
Jeremiah C. Trost, Soc.....	873
20. Part of New York city (New York county).	
Francis B. Harrison, Dem.....	5,221
Abram Goodman, Rep.....	1,596
N. Aleinikoff, Soc.....	996
Julius H. Reiter, Prog.....	4,694

21. Part of New York city (New York county).	
Henry George, Jr., Dem.	13,189
Martin C. Anson, Rep.	5,265
M. B. Bartholomew, Soc.	1,164
Jerome F. Kelly, Prog.	5,384
22. Part of New York city (New York county).	
Henry F. Buckner, Dem.	15,886
Rufus P. Johnston, Rep.	6,098
Charles Gall, Soc.	1,835
Irving M. Crane, Prog.	9,462
23. Part of New York city (New York county).	
Joseph A. Goulden, Dem.	19,320
Peter Wynde, Rep.	8,779
Fred Pavlitsch, Soc.	2,351
E. J. L. Raldiris, Prog.	13,150
24. Part of New York city (New York and Westchester counties).	
Woodson R. Oglesby, Dem.	17,681
Barton E. Kingman, Rep.	8,219
Allen L. Benson, Soc.	1,767
Alfred E. Smith, Prog.	12,496
25. Counties of Rockland and Westchester (part).	
Benjamin I. Taylor, Dem.	15,870
James W. Husted, Rep.	12,522
Herman Kobbe, Soc.	785
John C. Bucher, Prog.	8,559
26. Counties of Orange, Putnam and Dutchess.	
John K. Sague, Dem.	20,191
Edmund Platt, Rep.	20,618
A. B. Gray, Prog.	4,418
H. Schefer, Soc.	468
27. Counties of Sullivan, Ulster, Greene, Columbia and Schoharie.	
George McLellan, Dem.	23,743
Charles B. Ward, Rep.	19,125
H. Manning, Prog.	4,779
Platt N. Chase, Soc.	1,061
28. County of Albany and part of city of Troy, in Rensselaer county.	
Peter G. Ten Eyck, Dem.	23,193
Daniel H. Prior, Rep.	27,076
J. F. McLaughlin, Prog.	4,913
F. L. Arland, Soc.	787
29. Counties of Rensselaer (part), Washington, Saratoga and Warren.	
Milton K. Huppuch, Dem.	18,170
James S. Parker, Rep.	22,343
John Q. Reynolds, Soc.	1,225
F. E. Draper, Jr., Prog.	8,163
30. Counties of Schenectady, Montgomery, Fulton and Hamilton.	
R. E. L. Reynolds, Dem.	13,881
Samuel Wallin, Rep.	13,894
George R. Lunn, Soc.	9,468
E. E. Hale, Prog.	4,721
31. Counties of Essex, Clinton, Franklin and St. Lawrence.	
Edwin A. Merritt, Jr., Rep.	18,453
Dennis B. Lucey, Dem.	12,995
John B. Burnham, Prog.	7,971
32. Counties of Jefferson, Lewis, Oswego and Madison.	
Robert E. Gregg, Dem.	15,830
Luther W. Mott, Rep.	20,492
Oliver Curtis, Soc.	1,034
William Kelley, Prog.	8,926
33. Counties of Oneida and Herkimer.	
Charles A. Talcott, Dem.	17,855
Homer P. Snyder, Rep.	16,709
A. L. Byron-Curtis, Soc.	1,679
Benjamin T. Gilbert, Prog.	10,042
34. Counties of Otsego, Delaware, Broome and Chenango.	
James J. Bayard, Jr., Dem.	20,272
George W. Fairchild, Rep.	22,072
F. DeWitt Reese, Prog.	1,647
Jared C. Estelov, Soc.	5,572
35. Counties of Onondaga and Cortland.	
John R. Clancy, Dem.	18,009
Michael E. Driscoll, Rep.	17,874
Fred Sander, Soc.	2,473
G. H. Stilwell, Prog.	11,626
36. Counties of Cayuga, Wayne, Seneca, Yates and Ontario.	
Richard C. S. Drummond, Dem.	17,900

Sereno E. Payne, Rep.	20,604
J. J. Tillapaugh, Pro.	1,127
Wilson M. Gould, Prog.	8,151
37. Counties of Tompkins, Tloga, Chemung, Schuyler and Steuben.	
Edwin S. Underhill, Dem.	19,515
Thomas F. Fennell, Rep.	18,336
Martin A. Tuttle, Pro.	1,879
W. W. Capron, Prog.	7,896
38. Monroe county (part).	
George P. Decker, Dem.	14,440
Thomas B. Dunn, Rep.	15,776
K. P. Shedd, Soc.	2,657
A. E. Babcock, Prog.	11,202
39. Counties of Monroe (part), Orleans, Genesee, Wyoming and Livingston.	
Charles Ward, Dem.	15,629
H. G. Danforth, Rep.	17,881
J. E. O'Rourke, Soc.	926
P. A. Carpenter, Prog.	1,023
Silas L. Strivings, Prog.	9,023
40. Counties of Niagara and Erie (part).	
Robert H. Gittins, Dem.	16,065
James S. Simmons, Rep.	14,450
James F. Ryan, Soc.	1,811
Frank C. Ferguson, Prog.	9,869
41. County of Erie (part).	
Charles B. Smith, Dem.	14,866
George A. Davis, Rep.	9,578
Edward Simons, Jr., Soc.	2,528
Henry Kobler, Prog.	9,471
42. County of Erie (part).	
Daniel A. Driscoll, Dem.	14,851
Willard H. Ticknor, Rep.	8,613
Samuel Leary, Soc.	1,613
L. Bradley Dorr, Prog.	7,161
43. Counties of Allegany, Cattaraugus and Chautauqua.	
M. M. Wywell, Dem.	12,479
Charles M. Hamilton, Rep.	17,346
Fred T. Williams, Soc.	2,146
Samuel A. Carlson, Prog.	11,709

	LEGISLATURE.	Senate.	House.	J. B.
Democrats	31	90	121	
Republicans	18	59	77	
Progressives	2	1	3	

STATE OFFICERS. (All democrats.)

Governor—William Sulzer.
 Lieutenant-Governor—Martin H. Glynn.
 Secretary of State—Homer D. Call.
 Comptroller—Horatio C. King.
 Attorney-General—John Palmieri.

NORTH CAROLINA (Population in 1910, 2,206,287).

	COUNTIES.	PRESIDENT 1912—
Population in 1910.	(100)	Dem. Rep. Prog. Soc. Pro.
28712 Alamance	2132	150 1657 10 —
11592 Alexander	582	53 497 — —
7745 Alleghany	632	208 256 — —
25465 Anson	1487	125 118 — —
19074 Ashe	1643	478 1241 1 —
Avery (new)	217	138 950 2 —
30877 Beaufort	1605	295 548 61 —
23039 Bertie	1571	43 61 — —
18006 Bladen	1140	33 61 — —
14432 Brunswick	777	280 496 — —
49798 Buncombe	2716	426 2285 101 —
21408 Burke	1385	48 1288 — —
26240 Cabarrus	1738	389 1584 — —
20579 Caldwell	1027	482 1167 11 —
5640 Camden	303	40 62 — —
15776 Carteret	1153	215 537 — —
14858 Caswell	1156	154 45 — —
27918 Catawba	2110	203 1872 — 3
22635 Chatham	1652	70 1343 2 —
14136 Cherokee	906	734 477 — —
11303 Chowan	663	60 77 — —
3909 Clay	372	17 387 — —
29494 Cleveland	2351	81 943 — —
28020 Columbus	1668	155 892 — —
25594 Craven	1515	79 190 — —
33284 Cumberland	1673	238 870 10 —
7636 Currituck	622	6 80 — —
4841 Dare	397	233 80 — —

Population.	Wilson	Taft	Roosevelt	Debs	Chafin
2904 Davidson.....	2484	1569	1143	10	12
13394 Davie.....	823	810	345	—	1
25442 Duplin.....	1757	33	1065	3	—
35276 Durham.....	2197	124	1204	1	—
32010 Edgecombe.....	1851	102	77	49	—
47311 Forsyth.....	3042	1689	1262	325	5
22432 Franklin.....	1364	71	395	1	—
37063 Gaston.....	2833	244	1279	46	22
10455 Gates.....	618	95	179	—	—
4749 Graham.....	416	261	223	—	—
25102 Granville.....	1561	192	343	—	—
13083 Greene.....	894	124	152	—	—
60497 Guilford.....	3830	460	1979	43	26
37646 Halifax.....	2300	442	135	—	—
22174 Harnett.....	1364	144	1035	6	1
21020 Haywood.....	2038	354	861	6	—
12622 Henderson.....	1092	801	380	2	—
15436 Hertford.....	742	61	105	—	—
Hoke (new).....	626	63	40	—	—
8340 Hyde.....	636	76	300	—	—
34315 Iredell.....	2528	392	1047	—	2
12988 Jackson.....	1210	815	729	5	—
41401 Johnston.....	2757	1335	1083	—	—
8721 Jones.....	635	35	125	—	—
11376 Lee.....	982	451	60	—	—
22769 Lenoir.....	1568	122	347	—	—
17132 Lincoln.....	1280	49	1066	3	12
12191 Macon.....	1020	134	841	—	—
20132 Madison.....	897	430	1320	—	—
17977 Martin.....	1251	229	54	—	—
13538 McDowell.....	1037	343	773	10	—
67031 Mecklenburg.....	3867	284	533	38	—
17245 Mitchell.....	385	203	716	—	—
14967 Montgomery.....	1012	144	846	—	—
17010 Moore.....	1167	252	678	17	—
33727 Nash.....	1862	172	576	42	—
32057 New Hanover.....	1021	140	107	—	—
22323 Northampton.....	1625	57	53	—	—
14125 Onslow.....	901	66	550	—	—
15304 Orange.....	997	172	821	4	—
9986 Pamlico.....	694	74	329	20	—
16638 Pasquotank.....	972	77	184	—	—
15471 Pender.....	967	19	268	—	—
11054 Perquimans.....	647	228	44	—	—
17356 Person.....	830	784	184	—	—
36340 Pitt.....	2303	347	435	3	—
27640 Polk.....	1165	153	501	—	—
9401 Randolph.....	2963	370	1849	6	8
19673 Richmond.....	1319	82	174	3	—
51945 Robeson.....	2706	154	600	—	—
36442 Rockingham.....	1939	694	778	51	9
37521 Rowan.....	2748	280	1537	50	7
28385 Rutherford.....	2180	82	1553	7	1
25983 Sampson.....	1265	84	2520	—	—
19409 Scotland.....	751	105	75	—	—
20151 Stokes.....	1114	1450	210	22	1
29705 Surry.....	1919	227	608	—	—
10403 Swain.....	765	220	858	—	—
7191 Transylvania.....	631	107	537	1	—
5219 Tyrrell.....	297	224	100	4	—
35277 Union.....	1786	92	457	19	—
19425 Vance.....	1304	168	234	—	—
19409 Stanly.....	1702	105	1548	12	—
20236 Warren.....	957	112	46	—	—
11082 Washington.....	503	384	149	—	—
18556 Watauga.....	933	420	819	2	—
35098 Wayne.....	2293	95	1050	16	9
30282 Wilkes.....	1636	331	2571	—	—
28269 Wilson.....	1741	82	561	—	—
15428 Yadkin.....	713	791	599	—	—
12702 Yancey.....	1112	60	1036	—	—

Total.....	14507	29139	69130	1025	117
Plurality.....	75377				
Per cent.....	59.24	11.94	28.35	.42	.05
Total vote.....	243918				

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Beaufort, Camden, Chatham, Currituck, Dare, Gates, Hertford, Hyde, Martin, Pasquotank, Perquimans, Pitt, Tyrrell and Washington.	
John H. Small, Dem.....	12,537
Marshall D. Leggett, Rep.....	202
2. Counties of Bertie, Edgecombe, Greene, Halifax, Lenoir, Northampton, Warren and Wilson.	
Claude Kitchin, Dem.....	11,091
Thomas B. Brown, Rep.....	982
3. Counties of Carteret, Craven, Duplin, Jones, Onslow, Pamlico, Pender, Sampson and Wayne.	
John M. Falson, Dem.....	11,624
James F. Kennedy, Rep.....	6,042

4. Counties of Chatham, Franklin, Johnston, Nash, Vance and Wake.	
Edward W. Pou, Dem.....	13,906
John F. Mitchell, Rep.....	3,586
5. Counties of Alamance, Caswell, Durham, Forsyth, Granville, Guilford, Orange, Person, Rockingham, Stokes and Surry.	
Charles M. Stedman, Dem.....	21,075
C. W. Curry, Rep.....	15,995
George R. Greene, Soc.....	469
6. Counties of Bladen, Brunswick, Columbus, Cumberland, Harnett, New Hanover and Robeson.	
H. P. Godwin, Dem.....	13,028
Thomas A. Norment, Rep.....	151
7. Counties of Anson, Davidson, Devle, Hope, Lee, Montgomery, Moore, Randolph, Richmond, Scotland, Union, Wilkes and Yadkin.	
Robert N. Page, Dem.....	17,873
R. Don Laws, Rep.....	12,449
8. Counties of Alexander, Alleghany, Ashe, Cabarrus, Caldwell, Iredell, Rowan, Stanly and Watauga.	
Robert L. Doughton, Dem.....	15,180
George D. B. Reynolds, Rep.....	12,078
9. Counties of Avery, Burke, Catawba, Cleveland, Gaston, Lincoln, Madison, Mecklenburg, Mitchell and Yancey.	
E. Y. Webb, Dem.....	17,072
D. B. Paul, Rep.....	2,228
J. A. Smith, Prog.....	7,869
10. Counties of Buncombe, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, McDowell, Macon, Polk, Rutherford, Swain and Transylvania.	
James M. Gudger, Jr., Dem.....	16,183
R. H. Station, Rep.....	14,237

LEGISLATURE.	Senate.	House.
Democrats.....	47	104
Republicans.....	3	15

STATE OFFICERS. (All democrats.)
Governor—Locke Craig.
Lieutenant-Governor—E. L. Daughtridge.
Secretary—J. Bryan Grimes.
Auditor—W. P. Wood.
Treasurer—B. R. Lacy.
Attorney-General—T. W. Bickett.
Superintendent of Public Instruction—J. Y. Joyner.

NORTH DAKOTA (Population in 1910, 577,056).

COUNTIES.	Rep.	Dem.	Prog.	Soc.	Pro.	Gov.
Population (49) in 1910.	Taft	Wilson	Roosevelt	Debs	Chafin	Johnson
1947 Adams.....	205	249	305	63	27	454
18096 Barnes.....	570	940	655	38	48	1204
12851 Benson.....	515	594	716	98	48	1446
10186 Billings.....	671	547	495	161	25	1194
17236 Bottineau.....	700	825	625	401	47	1313
4068 Bowman.....	302	361	258	99	15	393
Burke.....	264	308	207	320	21	519
13087 Burleigh.....	720	609	552	92	16	1232
33935 Cass.....	1516	1514	1669	164	56	2476
15650 Cavalier.....	332	392	746	63	23	1313
9839 Dickey.....	494	723	354	89	17	640
Divide (new) 404.....	375	459	160	15	—	—
5302 Dunn.....	285	246	297	47	5	469
4800 Eddy.....	199	376	290	34	11	322
9796 Emmons.....	410	524	374	24	15	789
5313 Foster.....	285	403	232	20	11	474
27888 Grand Forks.....	955	1492	1327	180	45	1966
6274 Griggs.....	144	434	514	65	38	444
6357 Hettinger.....	442	381	283	47	14	685
5962 Kidder.....	322	218	210	65	19	489
16724 LaMoure.....	436	588	419	65	15	799
6168 Logan.....	269	146	225	30	4	501
4995 Mercer.....	147	142	389	58	6	365
25289 Morton.....	1011	1017	1262	284	44	1843
8491 Mountrail.....	407	507	347	572	15	1080
17627 McHenry.....	589	659	677	246	29	1367
7251 McIntosh.....	202	125	607	25	4	421
5720 McKenzie.....	285	263	228	219	10	1367
14578 McLean.....	505	583	526	325	31	1085
10140 Nelson.....	448	526	511	178	38	870
3577 Oliver.....	131	139	178	116	14	349
14749 Pembina.....	615	975	807	35	53	1340
9740 Pierce.....	264	453	276	150	27	555
15120 Ramsey.....	739	472	150	18	183	1368
10345 Ransom.....	495	490	540	30	37	981
Renville.....	224	420	341	272	17	748
19650 Richland.....	1034	1380	742	34	46	1700
9553 Rolette.....	339	396	322	184	27	400
9202 Sargent.....	605	641	277	93	19	805

Population.	Taft	Wilson	Roosevelt	Debs	Chaun. John.	Burke
12504 Stark.....	387	678	597	58	51	812
8103 Sheridan.....	306	170	447	25	71	753
7916 Steele.....	237	283	444	55	16	617
18159 Stutsman.....	757	1100	706	68	39	1092
8963 Tower.....	352	532	317	84	28	742
12545 Traill.....	365	507	755	112	21	963
19491 Walsh.....	586	1206	868	185	37	1378
42185 Ward.....	686	1071	1065	613	67	1730
11814 Wells.....	356	494	611	36	13	803
20249 Williams.....	549	636	402	588	45	1063
Total.....	23000	29555	25726	6966	1243	44843
Plurality.....		3829				2772
Percent.....	26.67	34.14	29.71	8.05	1.43	48.50
Total vote.....		86580				92458

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Cass, Cavalier, Grand Forks, Nelson, Pembina, Ramsey, Ransom, Richland, Sargent, Steele, Traill, Towner and Walsh.	
H. T. Helgesen, Rep.....	11,156
V. R. Lovell, Dem.....	9,609
Leon Durocher, Soc.....	1,310

OHIO (Population in 1910, 4,767,121.)

Population in 1910.	COUNTIES. (88)	PRESIDENT 1912					GOVERNOR 1910					PRES. 1908		
		Dem.	Rep.	Soc. Pro.	S. L.	Prog.	Dem.	Rep.	Soc. Pro.	S. L.	Rep.	Dem.		
		Wilson	Taft	Debs	Chas'n	E. M. R.	Roosevelt	Harmon	Harding	Clifford	Thomson	Malley	Taft	Bryan
24755	Adams.....	2279	1863	113	54	7	863	3243	3214	39	54	1	3432	3805
56580	Allen.....	5596	2638	977	140	27	2337	5837	3825	709	63	60	5841	7195
22975	Ashland.....	3364	1017	274	64	16	1559	3322	1898	191	47	9	2804	3672
59547	Ashtabula.....	3181	2214	1552	142	30	5189	3187	4385	738	109	38	8213	9572
47798	Athens.....	2393	3090	1056	106	27	2811	3151	4055	646	104	60	6449	7422
31246	Auglaize.....	3726	1401	460	56	8	1025	3672	1802	430	34	17	3001	4622
76856	Belmont.....	5412	5297	2731	433	64	1584	6552	5588	1459	219	—	8193	7750
24332	Brown.....	3451	1650	125	39	2	569	3615	2175	—	—	—	2638	4242
70271	Butler.....	7163	3431	3500	99	83	1787	7546	3919	2523	68	132	7320	9678
15761	Carroll.....	1293	1096	108	128	8	1039	1521	1960	66	57	4	2517	1590
26351	Champaign.....	2763	2392	172	62	6	1423	2992	3199	79	45	6	4153	5160
66453	Clark.....	5217	6039	1909	246	46	3239	7661	5565	733	104	42	8917	10854
26535	Clermont.....	3610	2543	269	51	9	1115	4138	3043	141	42	5	4137	5050
23680	Clinton.....	2010	2916	146	72	5	841	2394	3349	53	39	5	4707	2464
76619	Columbiana.....	4916	4601	1916	915	32	3811	5235	5215	1640	485	51	9626	6736
30121	Coshocton.....	3465	1984	667	148	22	998	3394	2922	464	83	7	3006	4106
34036	Crawford.....	4733	1432	588	93	22	1176	5450	2141	315	33	17	3601	6006
63745	Cuyahoga.....	43610	14176	10096	373	545	33824	45197	26424	5373	265	519	56344	53964
42933	Darke.....	5027	3107	296	595	9	1175	5511	4105	102	154	7	4951	6951
25488	Defiance.....	2784	872	331	51	7	1459	3288	1835	170	34	13	2531	3424
27182	Delaware.....	2934	2584	123	157	8	1510	3472	3177	131	141	3	4007	3330
38327	Erie.....	3504	2695	961	54	30	1675	5371	3239	188	28	13	5966	4983
39201	Fairfield.....	5101	1672	188	138	6	1774	5023	2906	297	85	12	4023	5821
31744	Fayette.....	2261	2186	141	89	3	844	2385	2549	31	42	5	3543	2451
221567	Franklin.....	26897	12791	5005	398	87	11377	18171	15590	10714	349	424	28914	22316
23914	Fulton.....	1805	929	164	55	9	2304	1972	2512	117	34	3	3608	2131
25745	Gallia.....	1765	1355	170	48	5	2027	2206	2914	100	36	8	3914	2171
14670	Gauga.....	873	579	77	24	7	1618	977	1467	30	24	4	2596	3424
29733	Greene.....	2107	3242	533	151	17	993	2568	3672	199	53	13	4902	2882
42716	Guernsey.....	2726	3426	1342	180	45	1573	3690	4022	840	77	17	5210	3449
400732	Hamilton.....	42949	42119	7542	534	167	16928	52531	43253	3910	197	141	63803	45429
37860	Hancock.....	4309	2241	614	104	16	1757	4534	3921	929	76	24	4399	5420
39047	Hardin.....	3912	2775	313	93	25	1296	4240	3879	201	49	9	4444	4160
19076	Harrison.....	1714	1850	147	76	5	704	1839	2164	62	32	2	3069	1991
25119	Henry.....	2994	840	204	55	11	1166	3205	1465	129	42	11	2425	3817
27171	Highland.....	3314	2757	185	80	7	1116	3574	3394	49	88	5	4149	5849
29650	Hocking.....	2295	1354	368	46	14	995	2562	2039	252	58	12	2749	2864
17909	Holmes.....	2429	465	123	29	4	581	2659	879	42	20	3	1252	3043
34206	Huron.....	3317	1707	356	71	22	2810	4530	3516	150	44	10	4390	4262
30791	Jackson.....	2049	1860	612	53	29	1534	2734	3202	220	42	8	4459	3235
39407	Jefferson.....	3171	4777	1193	205	47	2042	4098	4558	784	85	33	7310	4282
30181	Knox.....	3632	2530	396	96	14	1226	3657	3464	399	66	15	4515	4233
22943	Lake.....	1935	1590	759	125	13	1315	2925	2815	22	22	2	3850	4652
39488	Lawrence.....	2042	2650	407	45	6	1937	2668	3315	147	25	5	5708	2654
55560	Licking.....	4438	3385	605	110	23	1203	7163	4885	709	80	11	6756	7685
30084	Logan.....	2727	1977	229	84	9	2278	2816	3223	158	42	4	4736	3186
76037	Lorain.....	591	2226	1556	67	25	5156	5890	4500	1073	46	40	8899	5490
19278	Lucas.....	13969	5622	5173	216	158	12442	13178	11298	3976	127	263	18715	16208
19902	Madison.....	2172	2971	66	45	1	681	2355	2556	53	39	8	3051	2490
16151	Mahoning.....	6838	3297	812	57	57	5295	7383	6351	824	219	38	10760	9923
22598	Morgan.....	3933	2393	639	93	33	329	4440	3481	554	76	24	4652	3452
23598	Medina.....	2108	685	302	55	10	2514	2102	2069	220	34	14	3427	2378
25594	Meigs.....	1738	2129	548	63	19	1353	2937	2504	344	34	11	4108	2225
27536	Mercer.....	3591	1324	126	67	5	570	3487	1382	92	51	7	2148	4466
45047	Miami.....	4310	3615	1010	111	23	2036	4582	4713	604	51	17	6558	5369
24244	Monroe.....	3199	1065	123	77	7	380	2977	1257	47	56	3	1974	3861
163763	Montgomery.....	15344	10941	707	250	88	6256	18693	14635	3855	120	60	30039	20566
16315	Morgan.....	3933	2393	639	93	33	329	4440	3481	554	76	24	4652	3452
16315	Morrow.....	1830	1240	102	132	7	1124	2291	2062	55	91	2	2500	2239
57488	Muskingum.....	5376	4134	1015	221	20	3207	7003	5386	1066	206	23	8800	6576
18901	Noble.....	1842	1804	96	76	5	681	2095	2199	28	59	5	2707	2715

Population.	Wilson	Taft	Debs	Chaffin	Reim	Roosevelt	Harmon	Hardy	Clifford	Thompson	Malley	Taft	Bryan
22960 Ottawa.....	2728	791	104	23	8	957..	3130	1278	25	16	2..	2202	3529
22730 Paulding.....	2296	1542	153	53	2	1223..	2455	2730	73	28	8..	3049	2767
25395 Perry.....	3147	1739	306	104	36	2220..	3656	3331	680	71	22..	4304	3885
26158 Pickaway.....	3511	2282	82	68	5	569..	3706	2451	59	55	2..	3119	4007
15723 Pike.....	1891	1184	81	34	4	443..	2146	1539	45	26	--	1798	2085
30807 Portage.....	2855	1162	681	101	5	2583..	3564	2739	373	66	19..	4129	3625
23834 Preble.....	2859	2135	177	76	1	910..	3002	2937	58	54	3..	3519	3247
29972 Putnam.....	4000	1000	144	69	15	1182..	4448	1832	83	45	6..	2483	4836
47667 Richland.....	5201	2899	925	97	28	2038..	5730	3459	548	104	--	5801	6702
40069 Ross.....	4494	3300	464	122	16	1086..	5079	4199	270	106	18..	5432	5525
35171 Sandusky.....	4338	1734	46	73	10	2103..	4384	3831	181	32	30..	4074	3885
48463 Scioto.....	3508	3409	1222	168	28	2012..	4504	4076	571	57	21..	5790	4310
42421 Seneca.....	5082	2932	567	147	20	2042..	5685	3434	457	77	24..	4959	6138
24663 Shelby.....	3305	1613	245	52	9	678..	3578	1877	75	22	1..	2646	3879
12287 Stark.....	3608	6093	3606	309	71	6802..	11502	10056	2246	293	153..	14112	12286
108253 Summit.....	7786	3502	3436	378	117	7473..	9106	5857	1606	283	88..	10365	9600
52706 Trumbull.....	3347	2633	1640	161	38	3556..	3756	4094	1037	88	32..	6978	4476
57055 Tuscarawas.....	4978	3417	2177	105	70	1749..	6373	4505	1154	57	64..	6717	6775
21571 Union.....	3282	2051	121	59	5	1239..	2895	2794	84	31	1..	3567	4776
29119 Van Wert.....	3287	2490	209	60	10	1050..	3762	3470	132	26	--	3809	3783
13466 Vinton.....	1228	952	203	15	8	581..	1395	1507	78	20	--	1916	1946
24497 Warren.....	2101	2788	207	61	10	1100..	2314	2880	72	34	8..	4233	2656
45422 Washington.....	4637	3326	618	121	17	1222..	5160	4037	378	77	22..	5648	5771
38058 Wayne.....	4757	1674	350	137	14	2351..	5022	3206	193	86	13..	4388	5368
25193 Williams.....	2875	1145	219	81	15	2081..	3532	3063	98	55	6..	3925	3329
46530 Wood.....	4356	2050	473	133	21	3021..	5042	4530	304	91	18..	5504	5625
20760 Wyandot.....	2848	1409	93	22	4	854..	3154	1792	56	18	7..	2408	3353
Total.....	423152	277068	89360	11459	2823	299327..	47077	376700	60637	7129	2920..	572312	502721
Plurality.....	128825					100877						69591	
Percent.....	38.34	25.11	8.15	1.04	.24	27.12..	61.61	92.45	6.55	.77	.32..	50.36	44.23
Total vote.....			1108557					924463				1136525	

For president in 1908 Chaffin, Pro., received 11,402 votes; Debs, Soc., 33,795; Watson, Pro., 162; Higgen, Ind., 475; Gilhans, Soc.-Lab., 720.

FOR REPRESENTATIVES IN CONGRESS, 1912.

At Large—Robert Cresser, Dem.....	423,311
Lawrence K. Langdon, Rep.....	207,355
Harry D. Thomas, Soc.....	91,203
Frank W. Stanton, Pro.....	11,562
Randolph P. Walton, Pro.....	192,799

1. Part of Hamilton county.	
Stanley E. Bowdle, Dem.....	22,330
Nicholas Longworth, Rep.....	22,229
Lawrence A. Zitt, Soc.....	2,853
Millard F. Andrew, Pro.....	5,771

2. Part of Hamilton county.	
Alfred G. Allen, Dem.....	26,066
Otto J. Renner, Rep.....	21,113
R. S. Moore, Soc.....	3,820
William B. Hay, Pro.....	4,940

3. Counties of Butler, Montgomery and Preble.	
Warren E. Gard, Dem.....	26,711
Bert B. Buckley, Rep.....	15,339
Frederick Guy Strickland, Soc.....	12,774
Jasper A. Huffman, Pro.....	410
Alfred G. Pease, Pro.....	6,976

4. Counties of Allen, Auglaize, Darke, Mercer and Shelby.	
J. Henry Goeke, Dem.....	21,512
John L. Cable, Rep.....	10,267
Scott Wilkins, Soc.....	2,132
W. Rollo Boring, Pro.....	1,091
William E. Rudy, Pro.....	4,993

5. Counties of Defiance, Henry, Paulding, Putnam, Van Wert and Williams.	
T. T. Ansberry, Dem.....	20,091
Edward Staley, Rep.....	10,177
George W. Kirk, Soc.....	1,121

6. Counties of Brown, Clermont, Clinton, Greene, Highland and Warren.	
D. K. Hempstead, Dem.....	17,300
S. D. Fess, Rep.....	18,080
G. D. Vandervort, Soc.....	1,384

7. Counties of Clark, Fayette, Madison, Miami and Pickaway.	
J. D. Post, Dem.....	19,301
R. M. Hughey, Rep.....	18,595
Winfield S. Tibbets, Soc.....	3,002
Gustavus P. Raup, Pro.....	438

8. Counties of Champaign, Delaware, Hancock, Hardin, Logan and Union.	
W. W. Durbin, Dem.....	17,965
Frank B. Willis, Rep.....	19,379
Arthur G. Parthener, Soc.....	1,430
Lemuel G. Herbert, Pro.....	5,429

9. Counties of Fulton, Lucas, Ottawa and Wood.	
Isaac R. Sherwood, Dem.....	26,528
Thomas C. Devine, Soc.....	5,769
Holland C. Webster, Pro.....	17,490
10. Counties of Adams, Gallia, Jackson, Lawrence, Pike and Scioto.	
Charles M. Caldwell, Dem.....	13,424
Robert M. Switzer, Rep.....	13,606
William Miller, Soc.....	2,851
William E. Pricer, Pro.....	7,091
11. Counties of Athens, Fairfield, Hocking, Meigs, Perry, Ross and Vinton.	
Horatio C. Claypool, Dem.....	21,469
Albert Douglass, Rep.....	18,729
Albert Smith, Soc.....	3,519
12. County of Franklin.	
Clement L. Brumbaugh, Dem.....	24,340
Edward L. Taylor, Jr., Rep.....	14,882
Jacob L. Bachman, Soc.....	7,095
John R. Schmidt, Pro.....	450
13. Counties of Crawford, Erie, Marion, Sandusky, Seneca and Wyandot.	
John A. Key, Dem.....	26,395
Miles H. McLaughlin, Rep.....	13,021
George P. Maxwell, Soc.....	3,272
Benjamin F. Sheldier, Pro.....	6,779
14. Counties of Ashland, Huron, Knox, Lorain, Morrow and Richland.	
William G. Sharp, Dem.....	25,523
W. S. Kerr, Rep.....	3,142
George Storck, Soc.....	3,569
15. Counties of Guernsey, Morgan, Muskingum, Noble and Washington.	
George White, Dem.....	18,169
James Joyce, Rep.....	14,678
F. L. Martin, Soc.....	605
James T. Orr, Pro.....	531
Howard E. Buker, Pro.....	4,968
16. Counties of Belmont, Carroll, Harrison, Jefferson and Monroe.	
William B. Francis, Dem.....	16,570
David A. Hollingsworth, Rep.....	15,781
Robert Carson, Soc.....	3,953
17. Counties of Coshocton, Holmes, Licking, Tuscarawas and Wayne.	
William A. Ashbrook, Dem.....	25,453
Dan McCarton, Soc.....	3,958
Albert L. Milner, Pro.....	5,985
18. Counties of Columbiana, Mahoning and Stark.	
John J. Whitacre, Dem.....	23,936
Roscoe C. McCullough, Rep.....	23,350
George F. Lelansky, Soc.....	7,617
19. Counties of Ashtabula, Geauga, Portage, Summit and Trumbull.	
Ellsworth B. Bathrick, Dem.....	20,251
Hiram E. Starkey, Rep.....	11,574

C. E. Sheplin, Soc.....	7,865
Nathan Johnson, Pro.....	804
W. S. Harris, Prog.....	16,035
20. Counties of Lake, Medina and part of Cuyahoga.	
William Gordon, Dem.....	24,385
Paul Howland, Rep.....	12,733
John G. Willert, Soc.....	5,240
Frank W. Woods, Prog.....	18,194
21. Part of Cuyahoga County.	
Robert J. Bulkeley, Dem.....	20,742
Frederick L. Taft, Rep.....	8,811
Fred C. Ruppel, Soc.....	5,059
Augustus R. Hatton, Prog.....	13,760

LEGISLATURE.		Senate.		House.		J. B.	
Republicans	15	49	64				
Democrats	19	70	89				

STATE OFFICERS. (All democrats.)
 Governor—James M. Cox.
 Lieutenant-Governor—Hugh L. Nichols.
 Secretary of State—Charles H. Graves.
 Auditor—Vic Donahay.
 Treasurer—John P. Brennan.
 Attorney-General—Timothy S. Hogan.

OKLAHOMA (Population in 1910, 1,657,155).

Population in 1910.	(75)	PRESIDENT 1912				PRES. 1908			
		Dem.	Rep.	Soc.	Pro.	Dem.	Rep.	Soc.	Pro.
Adair.....	916	850	147	11	825	782			
15193 Alfalfa.....	1170	1714	385	96	1459	1782			
13808 Atoka.....	1100	693	547	11	784	757			
13631 Beaver.....	926	1070	433	74	1212	1292			
19629 Beckham.....	1566	648	874	21	1807	866			
17960 Blaine.....	744	831	349	24	1317	1598			
20854 Bryan.....	2278	711	842	14	2215	1044			
35685 Caddo.....	2514	2413	995	55	2964	2860			
29501 Canadian.....	2047	1794	353	42	2124	1931			
25338 Carter.....	1870	652	638	11	2151	1305			
16778 Cherokee.....	1094	962	138	9	913	1040			
21862 Choctaw.....	1362	692	705	20	1068	878			
4553 Cimarron.....	342	263	93	12	449	371			
18843 Cleveland.....	1471	938	427	23	1497	1062			
15817 Coal.....	1109	571	574	—	906	722			
41489 Comanche.....	1931	1320	599	26	3481	2437			
Cotton (new).....	1033	687	213	19	—	—			
17404 Craig.....	1773	1291	112	10	1578	1296			
26223 Creek.....	1621	1902	943	17	1761	1761			
23231 Custer.....	1774	1683	503	38	1721	1579			
11469 Delaware.....	983	732	174	19	974	625			
14132 Dewey.....	1075	1086	769	23	1075	1210			
15375 Ellis.....	918	1373	465	37	1260	1379			
30360 Garfield.....	2353	2900	386	68	2618	2924			
26545 Garvin.....	2114	740	1053	15	2391	1290			
30409 Grady.....	2577	1121	753	19	2826	1491			
18760 Grant.....	1530	1729	270	103	1846	1796			
16449 Greer.....	1334	351	385	19	2149	708			
11328 Harmon.....	895	197	278	12	—	—			
5189 Harper.....	523	679	275	23	746	876			
18875 Haskell.....	1388	902	672	13	1401	1139			
20400 Hughes.....	1769	1228	984	20	1649	1459			
25737 Jackson.....	1819	588	630	35	1905	635			
17430 Jefferson.....	1118	961	655	13	1435	694			
12743 Johnson.....	1289	585	722	17	1274	683			
23999 Kay.....	2380	2508	302	77	2511	2754			
18825 Kingfisher.....	1235	1257	325	36	1541	2106			
27526 Kiowa.....	1831	1167	921	30	2354	1591			
11321 Latimer.....	722	482	338	7	720	616			
20127 Le Flore.....	2019	1538	504	21	1872	1771			
34779 Lincoln.....	2137	2459	913	56	3030	3515			
31740 Logan.....	1700	2546	477	81	2183	3768			
10236 Love.....	750	199	404	5	335	413			
15248 Major.....	689	1200	543	51	877	1446			
11619 Marshall.....	958	315	682	12	842	406			
13596 Mayes.....	1391	1077	201	13	1186	1021			
15659 McClain.....	1273	553	408	61	1234	780			
20681 McCurtain.....	1059	704	821	17	565	482			
20361 McIntosh.....	1325	970	530	12	1236	1606			
17244 Murray.....	987	321	549	6	1111	574			
52743 Muskogee.....	3281	2385	526	25	2793	3592			
14945 Nowata.....	1188	1266	265	29	1354	1476			
14223 Okfuskee.....	1012	1027	146	26	923	1086			
19995 Okfuskee.....	952	651	724	16	872	1297			
85232 Oklahoma.....	6963	5706	827	83	4876	5401			
21115 Okmulgee.....	1243	1140	537	27	1103	1400			
20101 Osage.....	1900	1713	476	21	1584	1528			
15713 Ottawa.....	1381	1315	165	8	1397	1174			
17322 Pawnee.....	1316	1233	441	31	1590	1635			
23735 Payne.....	1584	1639	733	71	1980	2244			
47650 Pittsburg.....	2767	1574	1438	35	2893	2735			

Population.	Wilson	Taft	Debs	Chadn	Bryan	Taft
24331 Pontotoc.....	1842	642	919	18	1841	890
43595 Pottawatomie.....	3082	2107	1013	41	3561	2609
10118 Pushmataha.....	747	479	453	8	625	484
12961 Roger Mills.....	902	716	548	17	1168	839
17736 Rogers.....	1637	1268	426	19	1469	1134
19864 Seminole.....	1172	1115	741	17	1499	1528
25005 Sequoyah.....	1416	1115	193	12	1648	2037
22252 Stephens.....	1735	598	896	19	1761	725
14248 Texas.....	764	683	234	41	1470	1315
18650 Tillman.....	1801	688	351	21	1661	732
43481 Tulsa.....	2747	2029	523	48	2232	2150
23280 Wagoner.....	888	555	251	11	1111	2107
17484 Washington.....	1361	1477	326	25	1469	1528
25034 Washita.....	1665	1100	751	36	1867	1178
17567 Woods.....	1247	1679	499	42	1421	1557
16592 Woodward.....	1083	1403	565	28	1308	1614
Total	119156	90786	42292	2185	122363	110474
Plurality	28370				111848	
Percent.....	46.84	35.63	16.61	.86	47.92	43.28
Total vote.....	254389				255453	

NOTE—Most of the electors on the republican ticket in 1912 were for Roosevelt, but as they were officially designated as republicans their vote is credited to Taft.

For president in 1908, Debs, Soc., received 21,734; Hisgen, Ind., 245; Watson, Pec., 412.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Garfield, Grant, Kay, Kingfisher, Lincoln, Logan, Noble, Osage, Payne and Pawnee.
 Bird S. McGuire, Rep.....19,035
 J. J. Davis, Dem.....18,456
 A. W. Renshaw, Soc.....4,447
- Counties of Alfalfa, Beaver, Blaine, Caddo, Canadian, Cimarron, Custer, Dewey, Ellis, Harper, Major, Oklahoma, Roger Mills (part), Texas, Woods and Woodward.
 Dick T. Morgan, Rep.....17,292
 J. J. Carney, Dem.....16,513
 P. D. McKenzie, Soc.....6,603
 (Vote incomplete.)
- Counties of Adair, Cherokee, Craig, Creek, Delaware, Hughes, McIntosh, Mayes, Nowata, Okfuskee (part), Okmulgee, Ottawa, Rogers, Seminole, Sequoyah, Tulsa, Wagoner and Washington.
 J. S. Davenport, Dem.....23,618
 R. T. Daniel, Rep.....18,842
 Lewis B. Irvin, Soc.....6,105
- Counties of Atoka, Bryan, Carter (part), Choctaw, Coal, Comanche (part), Grady, Haskell, Hughes, Johnston, LeFlore, Latimer, Love (part), McCurtain, McIntosh, Marshall, Murray (part), Okfuskee (part), Pittsburg, Pontotoc and Pushmataha.
 E. D. Carter, Dem.....23,512
 E. N. Wright, Rep.....11,309
 F. W. Holt, Soc.....10,749
 (Vote incomplete.)
- Counties of Beckham, Carter (part), Cleveland (part), Comanche (part), Cotton, Garvin, Grady, Greer, Harmon, Jackson, Jefferson, Kiowa, Love (part), McClain, Murray (part), Pottawatomie, Roger Mills (part), Stephens, Tillman and Washita.
 Scott Ferris, Dem.....27,474
 C. O. Clark, Rep.....10,805
 E. H. Staller, Soc.....10,437
 (Vote incomplete.)

LEGISLATURE.		Senate.		House.		J. B.	
Republicans	6	26	32				
Democrats	18	83	101				

STATE OFFICERS. (All democrats.)
 Governor—Lee Cruce.
 Lieutenant-Governor—J. J. McAlester.
 Secretary—Ben F. Harrison.
 Auditor—Leo Meyer.
 Attorney-General Charles West.
 Treasurer—Robert Dunlop.
 Superintendent Public Instruction—R. H. Wilson.
 Examiner and Inspector—Ed Boyle.
 Commissioner Labor—Charles Daugherty.
 Commissioner Charities—Kate Barnard.
 Corporation Commissioner—G. A. Henshaw.

OREGON (Population in 1910, 672,765).

COUNTIES. (34)	PRESIDENT 1912				
	Rep. Taft	Dem. Wilson	Pro. Chafin	Soc. Debs	Prog. Roosevelt
18076 Baker	648	1365	54	459	1120
10063 Benton	715	865	195	123	588
26061 Clackamas	1536	2171	235	567	2045
16106 Clatsop	722	728	51	444	729
10580 Columbia	574	507	59	235	611
19559 Coos	701	1081	89	837	949
9315 Crook	770	1060	63	289	608
2044 Curry	102	219	4	92	192
19674 Douglas	1267	1601	116	654	1224
3701 Gilliam	345	510	16	33	150
5607 Grant	418	413	14	164	348
4659 Harney	377	538	8	141	169
8016 Hood River	395	519	54	121	491
25756 Jackson	847	2079	149	552	1620
9567 Josephine	305	702	32	404	794
8554 Klamath	433	815	30	162	502
4658 Lake	297	357	13	108	286
35783 Lane	1868	2396	343	769	1815
5587 Lincoln	410	575	42	226	285
22622 Linn	1301	2134	300	408	1229
8601 Malheur	648	656	32	105	418
39780 Marion	2523	2588	475	575	1919
4357 Morrow	447	275	20	119	187
226261 Multnomah	9212	13894	761	3459	12523
19469 Polk	1043	1201	164	211	637
4242 Sherman	244	232	37	20	164
4026 Tillamook	496	411	45	156	393
20309 Umatilla	1261	1563	132	308	1044
16191 Union	671	1090	93	332	946
8364 Wallowa	353	610	55	209	600
16336 Wasco	775	929	91	205	587
21522 Washington	1261	1429	224	286	1455
2484 Wheeler	307	222	14	15	129
18285 Yamhill	1312	1578	350	275	885

Total..... 34673 47064 4360 15213 37600
Plurality..... 9464
Per cent..... 25.32 34.39 3.19 9.64 27.46
Total vote..... 136010

For United States senator in 1912 Jonathan Bourne, Jr., popular government received 25,329 votes; A. E. Clark, Prog., 11,085; Harry Lane, Dem., 40,172; L. E. Paget, Pro., 8,548; B. F. Ramp, Soc., 11,093, and Ben Selling, Rep., 38,453.
Vote on equal suffrage measure in 1912: For, 61,265; against, 57,104.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. The counties of Benton, Clackamas, Clatsop, Columbia, Coos, Curry, Douglas, Jackson, Josephine, Lane, Lincoln, Linn, Marion, Polk, Tillamook, Washington and Yamhill.

John W. Campbell, Prog..... 8,679
W. C. Hawley, Rep..... 26,925
W. S. Richards, Soc..... 7,181
R. G. Smith, Dem..... 15,410
O. A. Stillman, Pro..... 4,335

2. The counties of Baker, Crook, Gilliam, Grant, Harney, Hood River, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco and Wheeler.

C. H. Abercrombie, Soc..... 3,037
George L. Cleaver, Pro..... 1,800
James H. Graham, Dem..... 8,322
N. J. Sinnott, Rep..... 15,121

3. The county of Multnomah.

A. W. Lafferty, Rep-Prog..... 16,783
M. G. Munly, Dem..... 11,553
Thomas McCusker, Ind..... 6,280
Lee Campbell, Soc..... 3,065
LeGrand M. Baldwin, Pro..... 1,419

LEGISLATURE. Senate. House. J. R.

Republicans..... 26 57 83
Democrats..... 3 2 5
Independents..... 1 1 2

STATE OFFICERS.

Governor—Oswald West, Dem.
Secretary of State—Ben W. Olcott, Rep.
Treasurer—T. B. Kay, Rep.
Attorney-General—A. M. Crawford, Rep.
State Printer—Willis S. Duniway, Rep.
Superintendent of Public Instruction—L. R. Alderman, Rep.

PENNSYLVANIA (Population in 1910, 7,665,111).

COUNTIES. (67)	PRESIDENT 1912				
	Rep. Taft	Dem. Wilson	Pro. Chafin	Soc. Debs	Prog. Roosevelt
34919 Adams	819	3682	90	1565	121
101846 Allegheny	23832	31365	19564	9083	3874
67890 Armstrong	1801	3697	643	400	427
78583 Beaver	2759	3937	1248	520	249
38879 Bedford	1140	2964	523	212	282
183222 Berks	3032	16340	3636	849	720
108858 Blair	3138	4108	1590	524	450
54526 Bradford	2034	2360	238	305	581
76530 Bucks	5432	6773	411	202	243
72689 Butler	1273	4022	450	407	202
166131 Cambria	3232	7282	839	1309	68
7644 Cameron	583	291	36	79	30
52946 Carbon	1246	3652	428	307	268
48424 Center	1507	3445	227	183	291
109213 Chester	5708	6901	314	1757	412
396388 Clarion	916	3079	315	169	209
36768 Clearfield	1523	4070	1410	341	611
31545 Clinton	1214	2200	613	327	243
43467 Columbia	880	4345	242	121	157
61565 Crawford	2437	3908	1041	213	268
54479 Cumberland	2566	5023	345	210	202
136152 Dauphin	6012	7470	1383	950	290
117906 Delaware	8418	6001	374	1857	813
33871 Elk	603	2057	393	170	128
115517 Erie	4958	5635	1972	752	541
167449 Fayette	4168	7363	2463	720	453
94955 Forest	240	973	263	78	46
59775 Franklin	2710	4595	414	37	38
9703 Fulton	317	1080	23	37	58
28882 Greene	1150	3551	176	107	104
38304 Huntingdon	903	1538	263	172	220
66210 Indiana	1720	1593	524	333	426
69090 Jefferson	1608	2510	572	241	372
15013 Juniata	374	1148	73	86	116
226570 Lackawanna	3739	12423	959	1420	723
167029 Lancaster	1268	874	687	1015	191
70032 Lawrence	1238	1976	164	551	295
59565 Lebanon	2378	2872	393	141	196
118832 Lehigh	2722	10634	1059	507	607
343186 Luzerne	4915	13495	2464	2393	3640
80813 Lycoming	1631	6039	1523	515	488
47686 McKean	1345	2682	512	445	370
76828 Mercer	1873	4059	1108	353	410
27785 Mifflin	654	1404	631	145	149
22941 Monroe	536	3107	23	137	101
195950 Montgomery	8978	11814	1129	735	577
14968 Montour	308	1492	39	49	53
127667 Northampton	3893	10325	389	544	606
111420 Northumberland	371	6802	27	247	358
24136 Perry	1140	1941	72	171	160
1549008 Philadelphia	9194	66808	9784	6908	7537
8933 Pike	191	668	18	37	27
29729 Potter	850	1443	100	208	182
207894 Schuylkill	3557	11812	2846	1609	1600
16800 Snyder	626	991	74	50	68
67717 Somerset	1428	2164	655	227	182
11238 Sullivan	547	912	43	22	44
37746 Susquehanna	1898	2588	25	154	196
42329 Toga	1805	1901	130	405	319
16249 Union	100	1126	48	59	188
56359 Venango	1660	2507	1214	362	286
39573 Warren	1564	1866	628	137	137
143680 Washington	4297	5553	2050	350	429
24236 Wayne	650	1924	52	217	245
231304 Westmoreland	4299	9262	4622	1127	761
15509 Wyoming	430	1505	23	95	68
136405 York	5251	14979	1503	4676	420

Total..... 273905 335619 83915 60964 35613 350949
Plurality..... 51907
Per cent..... 22.45 32.50 6.61 5.01 2.92 28.84
Total vote..... 1217502

For president in 1912 Chafin, Pro., received 19,533 votes and Reimer, Soc-Lab., 704. For president in 1908 Taft, Rep., received 745,779 votes; Bryan, Dem., 448,785; Chafin, Pro., 36,594, and Debs, Soc., 33,913.

FOR REPRESENTATIVES IN CONGRESS, 1912.

At Large—John M. Morin, Rep-Rep..... 618,537
Frederick E. Lewis, Rep-Rep..... 607,701
Anderson H. Walters, Rep-Rep..... 608,709
Arthur R. Ruple, Rep-Rep..... 606,709
George Benton Shaw, Dem..... 357,562
Joseph Howley, Dem..... 354,514
George R. McLean, Dem..... 352,296
E. E. Greenewalt, Dem..... 342,163
E. L. McKee, Pro..... 21,074
Howard J. Force, Pro..... 20,284

Henry S. Ghl, Pro.....	20,465	18. Cumberland, Dauphin and Lebanon counties.	
Thomas H. Hamilton, Pro.....	20,211	Aaron S. Krieder, Rep.....	14,485
Charles W. Erwin, Soc.....	80,888	David L. Kaufman, Dem.....	14,082
William Parker, Soc.....	81,125	L. M. Ibach, Soc.....	1,988
E. S. Musser, Soc.....	80,247	Harvey C. Demming, Wash.....	13,504
John W. Slayton, Soc.....	81,785	19. Bedford, Blair and Cambria counties.	
1. Philadelphia county (part).		Jesse L. Hartman, Rep.....	12,633
William S. Vane, Rep.....	25,205	Warren Worth Bailey, Dem.....	13,626
John H. Hall, Dem.....	10,462	D. W. B. Murphy, Soc.....	2,879
Harry Gantz, Soc.....	1,006	Lynn A. Brua, Wash.....	12,638
2. Philadelphia county (part).		20. Adams and York counties.	
George S. Graham, Rep.....	14,806	Daniel F. Lafean, Rep.....	14,283
William Schlipp, Jr., Dem.....	7,604	Andrew R. Brodbeck, Dem.....	16,514
Harry C. Parker, Soc.....	938	George W. Bacon, Soc.....	1,498
3. Philadelphia county (part).		Robert C. Bair, Wash.....	3,186
J. Hampton Moore, Rep.....	15,491	21. Cameron, Center, Clearfield and McKean counties.	
John H. Fow, Dem.....	6,212	Charles E. Patton, Rep.....	13,722
George Ruby, Soc.....	986	James A. Gleason, Dem.....	10,588
Harry K. Walter, Wash.....	5,920	George Fox, Soc.....	2,041
4. Philadelphia county (part).		22. Butler and Westmoreland counties.	
George W. Edmonds, Rep.....	21,733	Abraham L. Keister, Rep.....	15,560
Thomas T. Nelson, Dem.....	8,482	Curtis H. Gregg, Dem.....	14,943
Charles DeKyne, Soc.....	1,410	Daniel K. Albright, Pro.....	2,206
5. Philadelphia county (part).		Charles Cunningham, Soc.....	4,735
Henry S. Borneman, Rep.....	15,181	23. Fayette, Greene and Somerset counties.	
Michael Donohoe, Dem.....	21,971	Thomas S. Crago, Rep.....	7,836
John Whitehead, Soc.....	2,604	Wooda N. Carr, Dem.....	12,211
6. Philadelphia county (part).		Charles L. Gans, Soc.....	2,928
Harry A. Mackey, Rep.....	19,291	Harvey L. Berkeley, Wash.....	7,588
J. Washington Logue, Dem.....	22,091	24. Beaver, Lawrence and Washington counties.	
Perry R. Long, Soc.....	1,997	Charles Matthews, Rep.....	10,797
Frederick S. Drake, Wash.....	19,642	S. A. Lacoek, Dem.....	8,585
7. Chester and Delaware counties.		James B. Peebles, Pro.....	1,363
Thomas S. Butler, Rep.....	18,276	George C. Frethy, Soc.....	5,082
Eugene C. Bonniwell, Dem.....	12,225	Henry W. Temple, Wash.....	11,495
Edwin P. Sellw, Pro.....	378	25. Crawford and Erie counties.	
Walter N. Lodge, Soc.....	611	Milton W. Shreve, Rep.....	13,078
Frederick A. Howard, Wash.....	7,647	Turner W. Shacklett, Dem.....	10,446
8. Bucks and Montgomery counties.		R. B. Pike, Pro.....	1,243
Oscar O. Bean, Rep.....	15,840	Sidney A. Schwarz, Soc.....	2,727
Robert E. Diferderfer, Dem.....	18,230	26. Carbon, Monroe, Northampton and Pike counties.	
James C. Hogan, Sr., Soc.....	1,456	Francis A. March, Jr., Rep.....	14,451
Thomas K. Ober, Jr., Wash.....	12,205	A. Mitchell Palmer, Dem.....	18,201
9. Lancaster county.		George R. Miller, Soc.....	1,032
William W. Griest, Rep.....	14,112	27. Armstrong, Clarion, Indiana and Jefferson counties.	
E. S. Musser, Soc.....	667	J. N. Langham, Rep.....	17,138
John N. Hetric, Bull Moose.....	9,947	Foster D. Mohney, Dem.....	9,472
10. Lackawanna county.		John Houk, Pro.....	1,743
John R. Farr, Rep.....	14,939	Thomas J. Fredericks, Soc.....	1,858
Michael A. McGinley, Dem.....	12,777	28. Elk, Forest, Mercer, Venango and Warren counties.	
L. H. Gibbs, Soc.....	865	Peter M. Speer, Rep.....	7,136
11. Luzerne county.		John P. Hines, Dem.....	9,471
Charles C. Bowman, Rep.....	9,864	J. W. Neilly, Pro.....	1,692
John J. Casey, Dem.....	15,543	John R. McKeown, Soc.....	4,097
C. F. Quinn, Soc.....	2,119	William J. Hulings, Wash.....	10,363
Clarence D. Coughlin, Wash.....	10,597	29. Allegheny county (part).	
12. Schuylkill county.		Stephen W. Porter, Rep.....	15,925
Alfred B. Garner, Rep.....	10,462	Joseph Gallagher, Dem.....	5,509
Robert E. Lee, Dem.....	14,902	George T. McConnell, Soc.....	3,899
Cornelius F. Foley, Soc.....	3,464	30. Allegheny county (part).	
13. Berks and Lehigh counties.		M. Clyde Kelly Rep.....	17,230
Charles T. Reno, Rep.....	20,403	D. K. Ferree, Dem.....	6,708
John H. Rothermel, Dem.....	26,369	Fred H. Merrick, Soc.....	7,570
Clarence T. Wixson, Soc.....	4,928	31. Allegheny county (part).	
14. Bradford, Susquehanna, Wayne and Wyoming counties.		James F. Burke, Rep.....	10,679
William D. B. Ainey, Rep.....	14,747	Joseph F. Joyce, Dem.....	4,804
John G. Hill, Dem.....	8,384	William A. Prosser, Soc.....	5,101
W. S. H. Heermans, Pro.....	706	32. Allegheny county (part).	
Charles Welch, Soc.....	312	Andrew J. Barchfield, Rep.....	23,265
15. Clinton, Lycoming, Potter and Tioga counties.		Herman L. Hegner, Dem.....	7,987
Edgar R. Kiess, Rep.....	14,211	Thomas F. Kennedy, Soc.....	5,672
William B. Wilson, Dem.....	13,643	William McClintock Shrodes, Key.....	4,169
David Salmon, Pro.....	814	LEGISLATURE.	
Aaron Nell, Soc.....	2,282	The legislature is republican.	
16. Columbia, Montour, Northumberland and Sullivan counties.		STATE OFFICERS.	
I. Clinton Kline, Rep.....	12,783	Governor—John K. Tener, Rep.	
John V. Leshar, Dem.....	14,209	Lieutenant-Governor—John M. Reynolds, Rep.	
T. P. Jepson, Pro.....	453	Secretary—Henry Houck, Rep.	
George W. Dornbach, Soc.....	2,737	Treasurer—Robert K. Young, Rep.	
17. Franklin, Fulton, Huntingdon, Juniata, Mifflin, Perry, Snyder and Union counties.		Auditor—Archibald W. Powell, Rep.	
Benjamin K. Focht, Rep.....	10,978	Adjutant-General—Thomas J. Stewart, Rep.	
Frank L. Dershem, Dem.....	14,073		
William G. Bowers, Soc.....	1,377		
Frank B. Clayton, Wash.....	9,442		

Attorney-General—John C. Bell, Rep.
Superintendent Public Instruction—N. C. Schaeffer, Dem.

RHODE ISLAND (Population in 1910, 542,674).

COUNTIES.	—PRESIDENT 1912—						
	Rep.	Dem.	Pro.	S. L.	Prog.	Debs	Thompson
Population in 1910.	1130	1130	1130	1130	1130	1130	1130
17602 Bristol.....	1126	1077	27	21	7	437	—
36378 Kent.....	2170	2030	44	40	11	1284	—
38385 Newport.....	2533	2487	59	50	12	1279	—
424417 Providence.....	19365	23127	403	1899	195	13060	—
24942 Washington.....	2129	1691	83	39	11	788	—
Total.....	27703	30412	616	2049	236	16878	—
Plurality.....	2709	—	—	—	—	—	—
Percent.....	35.57	39.04	.79	2.63	.30	21.67	—
Total vote.....	77894	—	—	—	—	—	—

For president in 1908 Taft, Rep., received 43,942 votes; Bryan, Dem., 24,706; Debs, Soc., 1,365.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Newport, Bristol and Providence (part).
George F. O'Shaughnessy, Dem., plurality.. 3,683
William P. Sheffield, Rep.
John E. Bolan, Prog.
- Counties of Kent, Washington and Providence (part).
Peter Goelet Gerry, Dem., plurality..... 368
George H. Utter, Rep.
Claude C. Ball, Prog.
- County of Providence (part).
Ambrose Kennedy, Rep., plurality..... 1,877
F. X. L. Rattey, Dem.
Edwin F. Tuttle, Prog.

LEGISLATURE. Senate. House. J. B.

Republicans	31	57	88
Democrats	7	43	50

STATE OFFICERS. (All republicans.)

Governor—Aram J. Pothier.
Lieutenant-Governor—Roswell B. Burchard.
Secretary of State—J. Fred Parker.
Treasurer—Walter A. Read.
Attorney-General—Herbert A. Rice.

SOUTH CAROLINA (Population in 1910, 1,515,400).

COUNTIES.	—PRESIDENT 1912—						
	Rep.	Dem.	Pro.	S. L.	Prog.	Debs	Thompson
Population in 1910.	42	42	42	42	42	42	42
34904 Abbeville.....	1095	4	9	—	—	394	—
41949 Aiken.....	1432	4	2	—	—	1028	—
69568 Anderson.....	2158	66	25	16	—	802	—
18554 Bamberg.....	616	1	3	—	—	390	—
34020 Barnwell.....	1130	5	15	—	—	673	—
30355 Beaufort.....	464	62	50	—	—	349	—
23487 Berkeley.....	323	13	5	—	—	253	—
16634 Calhoun.....	460	16	15	—	—	302	—
88594 Charleston.....	1760	100	34	54	—	1474	26
26179 Cherokee.....	1259	7	16	—	—	630	—
29425 Chester.....	1286	20	—	—	—	474	—
26301 Chesterfield.....	1770	4	—	—	—	712	—
62180 Clarendon.....	923	32	—	—	—	536	—
35390 Colleton.....	797	12	14	—	—	440	—
36027 Darlington.....	883	2	—	—	—	349	—
22615 Dillon.....	680	11	2	—	—	314	—
17891 Dorchester.....	576	13	18	—	—	336	—
28281 Edgefield.....	719	18	3	—	—	621	—
29442 Fairfield.....	622	8	3	2	—	352	—
35571 Florence.....	1495	65	6	—	—	508	—
22700 Georgetown.....	405	37	10	—	—	452	—
68371 Greenville.....	3140	—	—	—	—	2900	18
34225 Greenwood.....	1307	11	17	3	—	562	1
25126 Hampton.....	631	—	—	—	—	667	—
26695 Horry.....	863	7	3	—	—	1334	—
Jasper.....	198	—	—	—	—	—	—
27094 Kershaw.....	708	25	7	—	—	305	—
29550 Lancaster.....	1140	5	6	—	—	733	—
41530 Laurens.....	1566	17	16	—	—	1600	—
25313 Lee.....	571	6	3	—	—	322	—
32040 Lexington.....	1201	30	3	31	—	1148	13
20596 Marion.....	710	11	3	—	—	449	—
31189 Marlboro.....	719	—	—	—	—	217	—
34586 Newberry.....	1206	12	6	—	—	627	—
27337 Oconee.....	760	69	58	2	—	325	—
55395 Orangeburg.....	1550	95	40	—	—	1539	4
25428 Pickens.....	915	13	15	—	—	502	—
55143 Richland.....	1557	161	23	25	—	526	8
20943 Saluda.....	850	3	—	—	—	716	—
83165 Spartanburg.....	5616	185	37	6	—	2284	—

Population.	Wilson	Roosevelt	Taft	Debs	Blease	Thompson
38472 Sumter.....	910	52	31	—	—	600
29911 Union.....	1609	56	20	—	—	913
37626 Williamsburg.....	729	18	6	—	—	500
47118 York.....	1611	12	12	1	—	543
Total.....	4857	1283	536	164	—	30739
Plurality.....	47064	—	—	—	—	30699
Percent.....	96.04	2.57	1.06	.33	—	99.77
Total vote.....	50850	—	—	—	—	30803

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Berkeley, Charleston, Clarendon, Colleton and Dorchester counties.
George S. Legare, Dem..... 4,550
A. P. Prioleau, Rep..... 85
William Eberhard, Rep..... 48
- Aiken, Bamberg, Beaufort, Edgefield, Hampton, Jasper and Saluda counties.
James F. Byrnes, Dem..... 6,033
- Abbeville, Anderson, Greenwood, Newberry, Oconee and Pickens counties.
Wyatt Aiken, Dem..... 7,458
- Greenville, Laurens, Spartanburg and Union counties.
Joseph T. Johnson, Dem..... 7,244
- Cherokee, Chester, Chesterfield, Fairfield, Kershaw, Lancaster and York counties.
D. E. Finley, Dem..... 7,901
- Darlington, Dillon, Florence, Georgetown, Horry, Marion, Marlboro and Williamsburg counties.
J. W. Ragsdale, Dem..... 6,446
- Calhoun, Lee, Lexington, Richland and Sumter counties.
A. F. Lever, Dem..... 6,660
A. D. Dantzier, Rep..... 105

LEGISLATURE.

The legislature is Democratic.

STATE OFFICERS. (All democrats.)

Governor—Cole L. Blease.
Lieutenant-Governor—C. A. Smith.
Secretary of State—R. M. McCown.
Attorney-General—T. H. Peeples.
State Treasurer—S. T. Carter.
Comptroller-General—A. W. Jones.
State Superintendent of Education—J. E. Swearingen.
Adjutant and Inspector-General—W. W. Moore.
Railroad Commissioner—J. G. Richards, Jr.
Commissioner of Agriculture, Commerce and Industries—E. J. Watson.

SOUTH DAKOTA (Population in 1910, 583,888).

COUNTIES.	—PRES. 1912—						
	Rep.	Dem.	Pro.	S. L.	Prog.	Debs	Thompson
Population in 1910.	61	61	61	61	61	61	61
6143 Aurora.....	652	801	68	42	—	686	694
15776 Beadle.....	1493	1464	70	166	—	1776	1105
Bennett.....	69	179	3	—	—	—	—
1223 Bon Homme.....	1223	1059	40	45	—	1324	1014
14178 Brookings.....	1388	740	268	58	—	1037	588
25867 Brown.....	1743	2479	289	385	—	2846	1772
6451 Brule.....	644	850	—	—	—	753	823
1589 Buffalo.....	83	105	3	4	—	105	69
4993 Butte.....	647	600	25	188	—	1636	915
5244 Campbell.....	574	150	30	4	—	627	175
14839 Charles Mix.....	1769	1397	83	—	—	1863	1391
11778 Clark.....	1248	945	13	96	—	1234	557
8711 Clay.....	1248	945	13	10	—	1291	803
14092 Codington.....	1195	1105	89	71	—	1618	851
2929 Corson.....	508	455	16	46	—	—	—
4438 Custer.....	395	419	8	90	—	487	428
16255 Davison.....	1368	1283	95	56	—	1276	1081
14372 Day.....	1202	730	272	118	—	1616	813
7778 Deuel.....	854	416	71	14	—	1022	425
1145 Dewey.....	560	410	12	42	—	—	—
6400 Douglas.....	757	710	14	12	—	836	647
7654 Edmunds.....	640	729	39	—	—	726	658
7763 Fall River.....	838	726	—	—	—	728	468
6716 Faulk.....	568	614	92	21	—	835	421
9303 Grant.....	890	619	80	55	—	1122	628
13061 Gregory.....	1338	1175	25	96	—	1516	1263
7473 Hamilton.....	1068	474	35	17	—	1095	494
7870 Hand.....	743	896	87	45	—	851	655
6237 Hanson.....	708	692	43	21	—	668	630
4238 Harding.....	587	318	72	105	—	—	—
6271 Hughes.....	447	554	23	71	—	795	349
12319 Hutchinson.....	1451	647	29	12	—	1507	619
3907 Hyde.....	399	332	17	51	—	455	212
5120 Jerauld.....	545	496	155	11	—	582	405
12560 Kingsbury.....	1150	747	152	113	—	1537	799
10711 Lake.....	1181	667	62	81	—	1415	636

Population.	Roosevelt	Wilson	Chaffin	Debs	Taft	Bryan
1894 Lawrence.....	1692	2412	40	326.	2735	1564
12712 Lincoln.....	1673	729	72	56.	1887	699
10848 Lyman.....	965	759	45	112.	1524	1183
1021 Marshall.....	601	547	68	45.	874	463
9589 McCook.....	1063	961	75	56.	1209	826
9691 McPherson.....	469	327	13	6.	785	157
12640 Meade.....	732	975	66	151.	953	792
Melette.....	261	320	7	5.	—	—
7661 Miner.....	843	721	49	39.	906	720
27631 Minnehaha.....	3051	2576	195	256.	4125	1948
8365 Moody.....	432	637	101	119.	1275	623
12453 Pennington.....	1068	1190	32	117.	1702	1160
11348 Perkins.....	1070	811	—	—	—	—
4466 Potter.....	433	423	23	16.	614	400
14897 Roberts.....	1314	760	73	197.	1562	777
6907 Sanborn.....	880	577	78	19.	847	513
222 Schnasse.....	—	—	—	—	—	—
15081 Spink.....	1432	1347	118	128.	1847	1121
14975 Stanley.....	961	1027	44	127.	2313	1598
252 Sterling.....	—	—	—	—	—	—
2462 Sully.....	292	242	19	19.	368	154
8323 Tripp.....	1153	982	32	82.	—	—
15840 Turner.....	1093	906	82	22.	1792	793
10676 Union.....	1596	965	96	24.	1392	1089
6498 Walworth.....	680	445	24	56.	825	351
13133 Yankton.....	1511	1289	67	61.	1644	1118
Ziebach.....	771	349	19	36.	—	—

Total..... 58811 48942 3910 4632. 67586 40296

Plurality..... 16639 — — — — — 27200

Per cent..... 60.65 42.35 3.35 3.75. 57.95 35.11

Total vote..... 116325 — — — — — 114705

There was no regular republican or Taft ticket in the field in election of 1912.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- Counties of Aurora, Bon Homme, Brule, Buffalo, Charles Mix, Clay, Davidson, Douglas, Hanson, Hutchinson, Jerauld, Lake, Lincoln, Miner, Moody, Minnehaha, McCook, Sanborn, Turner, Union and Yankton.

Charles H. Dillon, Rep..... 25,498
R. E. Dowdell, Dem..... 18,051
C. W. Templeton, Pro..... 1,174
E. M. Jacobsen, Soc..... 997

- Counties of Beadle, Brookings, Brown, Campbell, Clark, Codington, Day, Deuel, Edmunds, Faulk, Grant, Hamlin, Hand, Hughes, Hyde, Kingsbury, Marshall, McPherson, Potter, Spink, Sully and Walworth.

Charles H. Burke, Rep..... 23,170
C. Boyd Garrett, Dem..... 14,283
W. J. Edgar, Pro..... 1,172
E. Francis Atwood, Soc..... 1,573

- Counties of Bennett, Butte, Corson, Custer, Dewey, Fall River, Gregory, Harding, Lawrence, Lyman, Meade, Mellette, Pennington, Perkins, Shannon, Stanley, Todd, Tripp, Washabauha, Washington and Ziebach.

Eben W. Martin, Rep..... 15,141
Harry L. Gandy, Dem..... 12,154
J. E. Ballinger, Soc..... 1,564

LEGISLATURE. Senate. House. J. B.

Republicans..... 35 89 124
Democrats..... 10 11 21

STATE OFFICERS. (All republicans.)

Governor—Frank M. Byrne.
Lieutenant-Governor—E. L. Abel.
Secretary of State—Frank Glasnar.
Treasurer—A. W. Ewart.
Superintendent Instruction—C. G. Lawrence.
Attorney-General—Royal C. Johnson.
State Auditor—Henry B. Anderson.

TENNESSEE (Population in 1910, 2,184,789).

COUNTIES.	Dem.	Rep.	Prog.	Pro. Soc.
Population in 1910.	Wilson	Taft	Roosevelt	Chaffin
17717 Anderson.....	507	539	1148	1 55
22627 Bedford.....	2305	1474	96	1 6
12452 Benton.....	1065	652	289	90
6329 Bledsoe.....	464	379	401	— 10
20809 Blount.....	836	870	1410	39 —
16326 Bradley.....	645	485	548	7 10
27387 Campbell.....	654	302	1193	20 52
10825 Cannon.....	1184	651	48	— 7
23971 Carroll.....	1653	1302	967	1 69
18328 Carter.....	478	1243	1226	3 —
10540 Cheatham.....	1006	317	123	— 23
9090 Chester.....	636	312	388	1 38

Population.	Wilson	Taft	Roosevelt	Chaffin	Debs
23504 Claiborne.....	903	438	1068	8	19
9009 Clay.....	718	440	83	—	12
19399 Cocke.....	597	757	549	14	10
15625 Coffee.....	1705	521	63	1	28
16076 Crockett.....	1207	852	509	—	27
9327 Cumberland.....	489	372	434	2	11
149478 Davidson.....	9517	1218	1530	60	206
10033 Decatur.....	605	758	495	—	15
15433 DeKalb.....	1219	129	365	1	30
19955 Dickson.....	1689	448	293	20	55
27631 Dyer.....	1469	318	318	11	82
30257 Fayette.....	890	59	93	2	—
7446 Fentress.....	399	444	317	—	21
20491 Franklin.....	2172	370	164	—	32
41690 Gibson.....	2671	1002	518	12	35
32629 Giles.....	3081	1506	419	5	2
13888 Grainger.....	841	741	900	—	—
31083 Greene.....	2076	1650	1242	5	5
8322 Grundy.....	529	122	87	—	121
13650 Hamblen.....	722	427	325	9	18
89267 Hamilton.....	4394	1493	2454	77	291
10778 Hancock.....	427	659	84	—	—
23011 Hardeman.....	1323	320	264	3	8
17522 Hardin.....	738	955	522	—	32
92277 Hawkins.....	1026	826	660	6	18
25910 Haywood.....	1069	34	88	2	28
17080 Henderson.....	731	473	947	4	19
25434 Henry.....	2526	941	282	7	11
16527 Hickman.....	1288	868	111	1	13
6224 Houston.....	596	172	65	—	86
13808 Humphreys.....	1283	343	189	1	30
15039 James.....	1344	743	251	—	—
5210 Jackson.....	202	169	408	—	—
17755 Jefferson.....	514	540	900	7	9
13191 Johnson.....	256	933	1025	—	—
94187 Knox.....	4069	1984	3816	109	122
8704 Lake.....	497	122	31	—	13
21005 Lauderdale.....	1020	186	585	2	28
17569 Lawrence.....	1504	878	785	4	48
6083 Lewis.....	370	126	144	—	6
25848 Lincoln.....	2851	672	98	2	18
13612 Loudon.....	415	322	348	10	6
14559 Macon.....	787	1251	183	3	11
21046 McNairy.....	912	667	557	74	17
16356 McNaughton.....	1155	616	1001	—	—
39357 Madison.....	—	—	—	—	—
18820 Marion.....	810	463	442	29	79
16872 Marshall.....	1551	376	87	15	11
40455 Martin.....	2200	616	289	43	48
6131 Meigs.....	517	357	163	1	—
20716 Monroe.....	1136	721	475	11	4
33672 Montgomery.....	1638	514	199	27	82
4800 Moore.....	694	116	11	—	1
11458 Morgan.....	496	312	841	11	35
29646 Obion.....	2152	455	193	18	63
15854 Overton.....	1531	743	181	4	96
8215 Perry.....	674	379	94	—	42
5087 Pickett.....	411	365	134	—	—
14116 Polk.....	867	533	622	—	9
20023 Putnam.....	1867	923	396	2	5
15410 Rhea.....	692	253	552	12	28
22860 Roane.....	570	482	826	20	70
25496 Robertson.....	2287	513	142	—	125
31199 Rutherford.....	3406	1217	280	4	64
12847 Scott.....	1226	1254	5	125	35
4202 Sequatchie.....	354	139	85	—	—
22226 Sevier.....	340	967	2410	3	1
191439 Shelby.....	6732	589	2951	41	228
18548 Smith.....	1863	915	184	3	—
14860 Stewart.....	1312	485	54	—	197
28120 Sullivan.....	2413	538	1295	—	12
25621 Sumner.....	2477	769	89	4	61
29459 Tipton.....	554	554	222	11	12
5874 Treadwell.....	211	35	79	—	—
7201 Unicoi.....	170	280	765	4	11
11414 Union.....	404	307	1192	—	10
2784 Van Buren.....	225	106	30	—	24
16334 Warren.....	1745	339	250	4	16
29808 Washington.....	1530	1134	1592	15	9
12062 Wayne.....	435	971	390	—	9
31029 Weakley.....	2810	1265	350	7	33
15420 White.....	1222	329	273	1	57
24213 Williamson.....	2205	979	62	1	9
25394 Wilson.....	682	292	—	—	6

*Returns stolen

Total..... 130335 59444 53725 825 3492

Plurality..... 70891 — — — — —

Per cent..... 52.59 23.99 21.68 .33 1.41

Total vote..... 247831 — — — — —

For president in 1908 Bryan, Dem. received 125,603 votes; Taft, Rep., 113,834; Debs, Soc., 1,870; Watson, Pro., 1,081; Hilsen, Ind., 332, and Chaffin, Pro., 330.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. The counties of Carter, Claiborne, Cocke, Granger, Greene, Hamblen, Hancock, Hawkins, Johnson, Sullivan, Unicoi and Washington.	16,660
Sam R. Sells, Rep.	16,053
2. The counties of Anderson, Blount, Campbell, Jefferson, Knox, Loudon, Morgan, Roane, Scott, Sevier and Union.	12,712
H. W. Austin, Rep.	6,681
J. C. J. Williams, Dem.	3,330
3. The counties of Bledsoe, Bradley, Franklin, Grundy, Hamilton, James, McMinn, Marlon, Meigs, Monroe, Polk, Sequatchie, Van Buren, Warren and White.	18,240
John A. Moon, Dem.	6,380
Clarence Steward, Rep.	2,168
J. W. Eastman, Prog.	2,168
4. The counties of Clay, Cumberland, Fentress, Jackson, Macon, Cverton, Pickett, Putnam, Rhea, Smith, Sumner, Trousdale and Wilson.	17,077
Cordell Hull, Dem.	9,165
I. J. Human, Rep.	12,055
5. The counties of Bedford, Coffee, Cannon, DeKalb, Lincoln, Marshall, Moore and Rutherford.	8,437
W. C. Houston, Dem.	8,437
Jesse C. Beesley, Dem.	15,341
6. The counties of Cheatham, Davidson, Houston, Humphreys, Montgomery, Robertson and Stewart.	2,860
Joseph W. Byrns, Dem.	12,751
J. A. Althaus, Rep.	9,380
7. The counties of Dickson, Giles, Hickman, Lawrence, Lewis, Maury, Wayne and Williamson.	10,162
L. P. Padgett, Dem.	7,461
C. W. Turner, Dem.	2,035
8. The counties of Benton, Carroll, Chester, Deatur, Hardin, Henderson, Henry, Madison, McNairy and Perry.	10,162
W. T. Sims, Dem.	7,461
J. W. Ross, Rep.	2,035
Grissam, Prog.	(Madison county vote missing.)
9. The counties of Crockett, Dyer, Gibson, Haywood, Lake, Lauderdale, Obion and Weakley.	13,392
R. J. Garrett, Dem.	3,500
F. C. Cochran, Rep.	12,916
10. The counties of Fayette, Hardeman, Shelby and Tipton.	12,916
K. D. McKellar, Dem.	

LEGISLATURE. Senate. House. J. R.

Democrats	27	75	102
Republicans	6	25	31

STATE OFFICERS

Governor—Ben W. Hooper, Ind. Rep.	
Secretary—H. W. Goodloe, Dem.	
Treasurer—G. T. Taylor, Rep.	
Comptroller—Frank Dibrill, Dem.	
Adjutant-General—Frank Maloney, Rep.	
Attorney-General—Charles T. Cates, Dem.	

TEXAS (Population in 1910, 3,896,542).

Population in 1910.	COUNTIES				
	—PRESIDENT 1912—				
	Dem.	Rep.	Prog.	Chas.	Debs
29650 Anderson	1745	104	446	6	300
975 Andrews	—	—	—	—	—
17705 Angelina	1107	25	45	8	374
2106 Aransas	189	29	7	2	7
6525 Archer	400	42	25	5	78
2682 Armstrong	42	128	1	231	8
10004 Atascosa	647	17	16	5	81
17699 Austin	1202	77	244	3	11
312 Bailey	—	—	—	—	—
4021 Bandera	414	130	158	10	78
25344 Bastrop	1086	165	216	10	55
8411 Baylor	553	48	15	3	94
12090 Bee	495	64	30	8	45
49186 Bell	330	40	29	3	21
11976 Bexar	4909	2506	1022	32	250
4311 Blanco	449	76	127	3	14
1386 Borden	128	—	—	—	—
19013 Bosque	1225	87	65	2	81
4827 Bowie	1542	218	317	15	474
13299 Brazoria	748	342	263	32	79
18919 Brazos	705	45	142	7	8
5220 Brewster	330	40	29	3	21
2162 Briscoe	143	5	2	—	—
Brooks (new)	403	164	21	3	—
22685 Brown	1462	129	115	12	181
18687 Burleson	1000	79	228	3	19

Population.	Wilson	Roosevelt	Taft	Chas.	Debs
10755 Burnet	627	67	85	7	42
24237 Caldwell	1068	82	56	1	20
3635 Calhoun	856	61	36	7	66
12973 Callahan	785	46	45	6	127
27158 Cameron	2146	126	151	8	19
3551 Camp	492	61	155	2	25
2121 Carson	201	58	19	4	4
27557 Cass	1284	236	402	17	225
1850 Castro	177	19	18	—	8
4234 Chambers	219	30	80	—	290
29038 Cherokee	1686	61	145	8	230
9538 Childress	723	46	34	3	79
17043 Clay	1005	140	54	9	95
65 Cochran	—	—	—	—	—
6412 Coke	302	22	8	—	—
22618 Coleman	1284	59	53	7	47
49021 Collin	3197	223	342	16	312
5224 Collingsworth	414	27	15	2	55
18897 Colorado	1024	140	106	15	45
8434 Comal	602	174	157	—	30
27186 Comanche	1661	183	69	23	540
6554 Concho	345	33	16	8	88
26993 Cooke	1701	143	206	8	208
21703 Coryell	1270	67	70	1	109
4396 Cotulla	311	18	8	—	—
331 Crane	—	—	—	—	—
1296 Crockett	53	3	5	—	—
1765 Crosby	247	41	7	1	64
4001 Culberson (new)	145	1	7	8	60
4001 Dallam	247	63	18	8	60
13743 Dallas	7325	950	591	109	359
2320 Dallis	126	4	7	5	21
3942 Deaf Smith	221	22	21	3	5
14566 Delta	908	35	51	11	170
31258 Denton	2293	113	190	17	181
23501 DeWitt	1080	162	219	2	28
3092 Dickens	279	38	11	3	107
5460 Dimmit	292	36	134	—	9
5284 Donley	388	96	12	3	40
8864 Duval	917	31	80	—	2
23421 Eastland	1499	79	66	12	388
1178 Ector	80	4	4	—	—
3768 Edwards	183	75	114	—	52
53929 Ellis	3484	159	293	12	129
55399 El Paso	2914	799	291	32	122
32045 Erath	1549	161	156	22	355
35649 Falls	1665	190	353	4	192
44801 Fannin	202	22	22	19	279
29796 Fayette	2016	214	461	2	35
12596 Fisher	572	21	11	7	124
4638 Floyd	383	41	21	18	81
5726 Foard	431	41	19	4	122
18168 Fort Bend	681	145	275	10	35
9351 Franklin	474	9	19	3	19
20557 Freestone	1306	29	475	1	175
8805 Frio	418	50	25	—	10
1255 Gaines	3	—	—	—	—
44479 Galveston	2601	472	459	40	130
1906 Garza	147	11	7	—	8
9447 Gillespie	307	1070	219	3	5
1143 Glasscock	53	—	—	—	8
9409 Goliad	500	76	414	5	68
28055 Gonzales	1530	95	318	4	79
34405 Gray	272	65	93	—	—
65936 Gregg	3367	444	513	50	378
14140 Greer	605	32	126	2	25
21205 Grimes	939	51	39	2	25
24913 Guadalupe	1140	538	1072	6	15
7596 Hale	554	58	20	5	38
8279 Hall	775	46	24	2	124
15315 Hamilton	923	119	68	6	51
955 Hamilton	95	35	12	8	7
11213 Hansford	861	62	36	8	17
12947 Hardin	989	101	114	5	210
115593 Harris	6431	1124	726	61	446
37243 Hartley	1145	89	130	19	60
1298 Hartley	116	29	16	1	2
16249 Haskell	1001	53	45	1	362
15518 Hays	889	52	60	5	9
3170 Hemphill	515	116	61	5	32
20115 Henderson	1268	79	136	8	373
15728 Hidalgo	1203	94	39	11	45
46760 Hill	2680	144	129	23	114
187 Hockley	—	—	—	—	—
10003 Hood	675	59	38	4	55
31038 Hopkins	1999	80	146	19	288
28564 Houston	1461	64	842	1	250
8881 Howard	591	32	21	3	114
48116 Hunt	401	213	223	43	309
892 Hutchinson	91	6	16	—	—
1283 Irtion	132	4	—	—	—
11817 Jack	762	96	86	4	219
6471 Jackson	326	88	35	3	82

Population.	Wilson Roosevelt	Taft	Chafin Debs
1400 Jasper.....	628	44	4
1678 Jeff Davis.....	120	10	62
38182 Jefferson.....	1726	320	188
14242 Jim Wells (new).....	242	24	43
24400 Johnson.....	2187	109	109
34290 Jones.....	1301	55	63
14942 Karnes.....	710	49	66
35323 Kaufman.....	2088	73	226
1551 Kendall.....	222	225	17
2355 Kerr.....	135	19	7
5505 Kent.....	578	146	127
3261 Kimble.....	133	19	19
810 King.....	77	—	2
3401 Kinney.....	76	91	99
9625 Knox.....	649	54	32
46544 Lamar.....	2281	108	206
540 Lamb.....	53	18	6
9532 Lampasas.....	517	62	66
4747 LaSalle.....	339	35	21
26418 Lavaca.....	1498	237	267
13132 Lee.....	888	65	134
16583 Leon.....	656	57	191
10886 Liberty.....	583	106	80
39621 Limestone.....	1667	79	153
26321 Lipscomb.....	583	251	109
4442 Live Oak.....	348	42	26
6280 Llano.....	432	45	30
249 Loving.....	—	—	—
3624 Lubbock.....	266	27	16
1713 Lynn.....	122	3	6
10318 Madison.....	379	23	37
10472 Marion.....	339	36	85
1549 Martin.....	125	2	4
5833 Mason.....	473	172	152
13594 Matagorda.....	718	174	108
5151 Maverick.....	185	72	141
13405 McCulloch.....	593	61	41
73250 McLennan.....	3836	310	296
1091 McCullen.....	50	3	9
15415 Medina.....	651	263	22
2707 Menard.....	309	39	17
4464 Midland.....	216	10	1
96780 Milam.....	1389	110	244
9034 Mills.....	577	68	92
8956 Mitchell.....	573	32	18
25123 Montague.....	1584	114	151
15679 Montgomery.....	616	113	120
561 Moore.....	—	—	—
10439 Morris.....	908	48	89
2386 Motley.....	1836	28	1
27406 Nacogdoches.....	1619	42	94
47070 Navarro.....	2590	128	165
10350 Newton.....	278	12	8
11999 Nolan.....	656	24	60
21955 Nuces.....	100	125	85
1602 Ochiltree.....	91	17	4
812 Oldham.....	92	18	22
9528 Orange.....	556	44	25
19506 Palo Pinto.....	1237	88	68
20424 Panola.....	1213	59	82
26331 Parker.....	1700	146	135
1555 Parmer.....	115	54	9
2071 Pecos.....	256	83	76
17459 Polk.....	615	42	41
12424 Potter.....	501	124	44
5218 Presidio.....	191	85	83
6787 Raines.....	411	20	67
3312 Randall.....	29	29	7
332 Reagan.....	34	—	—
28564 Red River.....	1497	203	255
4392 Reeves.....	276	43	8
2814 Refugio.....	27	34	118
950 Roberts.....	183	31	16
2754 Robertson.....	1033	63	153
3072 Rockwall.....	648	16	17
20858 Runnels.....	1128	73	58
26946 Rusk.....	1453	78	498
8582 Sabine.....	430	10	19
11264 San Augustine.....	375	18	12
9542 San Jacinto.....	379	46	196
7307 San Patricio.....	558	72	174
11924 San Saba.....	632	35	30
1383 Schleicher.....	111	43	3
10924 Scurry.....	645	20	30
4201 Shackelford.....	246	23	18
26423 Shelby.....	1509	20	76
1376 Sherman.....	97	24	12
47146 Smith.....	1958	418	455
3361 Somervell.....	241	21	12
131 Starr.....	674	2	2
7030 Stephens.....	463	4	1
1438 Sterling.....	165	9	4
5420 Stonewall.....	394	12	7

Population.	Wilson Roosevelt	Taft	Chafin Debs
1549 Sutton.....	62	17	12
4012 Swisher.....	280	24	8
198572 Tarrant.....	7219	1112	533
26293 Taylor.....	1536	90	59
1430 Terrell.....	118	39	36
1474 Terry.....	94	5	3
4563 Throckmorton.....	252	13	4
16122 Titus.....	943	87	70
17882 Tom Green.....	907	78	5
55620 Travis.....	2734	453	406
12708 Trinity.....	661	44	92
10250 Tyler.....	539	11	32
19940 Upshur.....	895	61	168
501 Upton.....	23	3	—
11233 Uvalde.....	601	73	53
8613 Val Verde.....	288	196	135
23531 Van Zandt.....	1730	104	110
14980 Victoria.....	608	102	100
16061 Walker.....	633	39	323
12138 Waller.....	585	98	144
2389 Ward.....	117	34	6
25561 Washington.....	1109	192	546
22503 Webb.....	654	31	888
21123 Wharton.....	794	185	109
3258 Wheeler.....	403	48	33
16094 Wichita.....	1123	131	108
12900 Wilbarger.....	994	71	44
Willacy (new).....	105	—	4
42228 Williamson.....	2056	192	246
17066 Wilson.....	739	115	109
442 Winkler.....	26	—	—
26450 Wise.....	1842	151	156
36417 Wood.....	1448	74	147
602 Yoakum.....	41	9	1
13657 Young.....	922	47	35
3809 Zapata.....	—	—	—
1889 Zavalla.....	242	54	42
Total.....	221315	2740	28668
Plurality.....	192677	—	—
Per cent.....	72.64	8.78	9.41
Total vote.....	304670	—	—

In 1912 for president Reimer, Soc.-Lab., received 430 votes.

FOR REPRESENTATIVES IN CONGRESS, 1912.

At Large—Hutton W. Summers, Dem.....	226,319
Daniel E. Garrett, Dem.....	219,632
Z. T. White, Prog.....	32,476
F. M. Etheridge, Prog.....	32,498
J. E. Elgin, Rep.....	29,217
R. B. Harrison, Rep.....	29,217
D. H. Conniber, Pro.....	1,736
D. D. Richardson, Soc.....	14,839
J. M. Haggard, Soc.....	14,872
1. Counties of Bowie, Red River, Lamar, Delta, Hopkins, Franklin, Titus, Camp, Morris, Cass and Marion.....	11,180
Horace W. Vaughan, Dem.....	760
J. B. Baker, Rep.....	11,180
2. Counties of Jefferson, Orange, Hardin, Tyler, Jasper, Newton, Sabine, San Augustine, Angelina, Cherokee, Nacogdoches, Shelby, Panola and Harrison.....	11,120
Martin W. Dies, Dem.....	226
Horace W. Smith, Rep.....	96
E. G. Christian, Pro.....	96
3. Counties of Wood, Upshur, Gregg, Rusk, Smith, Henderson, Van Zandt and Kaufman.....	10,140
James Young, Dem.....	9,872
4. Counties of Grayson, Collin, Fannin, Hunt and Raines.....	9,872
Sam Rayburn, Dem.....	2,113
5. Counties of Dallas, Rockwell, Ellis, Hill and Bosque.....	11,220
Jack Beall, Dem.....	86
Fred E. Johnston, Prog.....	125
S. T. Green, Soc.....	125
6. Counties of Navarro, Freestone, Limestone, Robertson, Brazos and Milam.....	7,930
Rufus Hardy, Dem.....	157
W. H. Wilson, Soc.....	8,163
7. Counties of Anderson, Houston, Trinity, Polk, San Jacinto, Liberty, Chambers and Galveston.....	11,928
A. W. Gregg, Dem.....	462
8. Counties of Harris, Fort Bend, Austin, Waller, Montgomery, Grimes, Walker, Madison and Leon.....	11,928
Joe Eagle, Dem.....	462
J. V. Miller, Rep.....	462

9. Counties of Gonzales, Fayette, Colorado, Whar-	
ton, Matagorda, Brazoria, Jackson, Lavaca, De	
Witt, Victoria, Calhoun, Aransas, Refugio, Bee,	
Goliad and Karnes.	
G. F. Burgess, Dem.	11,391
10. Counties of Williamson, Travis, Hays, Cald-	
well, Bastrop, Lee, Burleson and Washington.	
A. S. Burleson, Dem.	12,109
11. Counties of McLennan, Falls, Bell, Coryell and	
Hamilton.	
R. L. Henry, Dem.	7,623
12. Counties of Tarrant, Parker, Johnson, Hood,	
Somervell, Earth and Comanche.	
Oscar Calloway, Dem.	10,769
13. Counties of Cook, Denton, Wise, Montague,	
Clay, Jack, Young, Archer, Wichita, Wildberger,	
Baylor, Throckmorton, Knox, Foard, Hardeman,	
Cottle, Motley, Dickens, Floyd, Hale, Lamb,	
Badley, Childress, Hall, Briscoe, Swisher, Castro,	
Parmer, Deaf Smith, Randall, Armstrong, Don-	
ley, Collingsworth, Wheeler, Gray, Carson, Pot-	
ter, Oldham, Hartley, Moore, Hutchinson, Rob-	
erts, Hemphill, Lipscomb, Ochiltree, Hansford,	
Sherman and Dallam.	
J. H. Stephens, Dem.	20,363
H. H. Cooper, Rep.	1,116
14. Counties of Bexar, Comal, Kendall, Bandera,	
Kerr, Gillespie, Blanco, Burnet, Llano, Mason,	
McCulloch, San Saba, Lampasas, Mills, Brown	
and Coleman.	
J. L. Slayden, Dem.	14,636
15. Counties of Cameron, Hidalgo, Starr, Zapata,	
Webb, Duval, Nueces, San Patricio, Live Oak,	
Atascosa, Wilson, Guadalupe, McMullen, LaSalle,	
Dimmit, Maverick, Zavalla, Frio, Medina, Uval-	
de, Kinney and Val Verde.	
J. N. Garner, Dem.	15,672
16. Counties of El Paso, Jeff Davis, Presidio,	
Brewster, Pecos, Crockett, Schleicher, Sutton,	
Edwards, Kimble, Menard, Concho, Tom Green,	
Irion, Upton, Crane, Ward, Reeves, Loving,	
Winkler, Ector, Midland, Glasscock, Sterling,	
Coke, Runnels, Eastland, Callahan, Taylor, No-	
lan, Mitchell, Howard, Martin, Andrews, Gaines,	
Dawson, Borden, Scurry, Fisher, Jones, Shack-	
elford, Stephens, Palo Pinto, Haskell, Stoneval-	
ley, King, Kopt, Garza, Crosby, Lubbock, Lynn, Ter-	
ry, Yoakum, Cochran and Hockley.	
W. R. Smith, Dem.	21,186

LEGISLATURE.

Senate. House. J. B.

Democrats	30	109	139
Republicans	1	0	1

STATE OFFICERS. (All democrats.)

Governor—O. B. Colquitt.
 Lieutenant-Governor—Will H. Mayers.
 Secretary of State—C. C. McDonald.
 Attorney-General—B. F. Looney.
 Comptroller—W. P. Lane.
 Treasurer—J. T. Robinson.
 Superintendent Public Instruction—F. M. Bradley.

UTAH (Population in 1910, 373,351).

Population in 1910.	PRESIDENT 1912			
	Rep.	Dem.	Prog.	Soc.
4717 Beaver	674	602	323	2
13894 Box Elder	1650	1402	936	
23082 Cache	2845	3288	1199	20
8624 Carbon	429	603	539	341
10191 Davis	1285	1143	458	21
6750 Emery	762	755	336	190
3690 Garfield	673	249	128	23
1595 Grand	192	215	118	45
3933 Iron	695	544	64	95
10702 Juab	1171	985	947	803
1652 Kane	429	115	20	6
6118 Millard	970	865	337	124
2467 Morgan	319	234	273	45
1734 Piute	206	110	146	87
1883 Rich	329	237	99	5
131426 Salt Lake	12691	10468	8899	3798
2377 San Juan	146	145	95	4
16701 San Pete	2489	1976	1272	171
9775 Sevier	1451	909	758	287
8200 Summit	1294	983	425	226
7924 Toole	952	647	261	284
7050 Uintah	543	566	642	165

Population.	Taft	Wilson	Roosevelt	Debs
37942 Utah	4175	4636	2295	666
8920 Wasatch	1216	924	432	294
5123 Washington	712	845	72	6
1749 Wayne	183	163	24	53
85179 Weber	3171	2201	3608	969
Total	42100	36579	24174	9023
Plurality	5621			
Per cent.	37.63	32.69	21.61	8.07
Total vote.			111876	

FOR REPRESENTATIVES IN CONGRESS, 1912.

Joseph Howell, Rep.	43,133
Jacob Johnson, Rep.	42,049
T. D. Johnson, Dem.	36,640
Mathoniah Thomas, Dem.	37,192
S. H. Love, Prog.	22,358
Lewis Larson, Prog.	21,934
Murray E. King, Soc.	8,971
W. M. Knerr, Soc.	8,953

LEGISLATURE.

Senate. House. J. B.

Republicans	17	24	41
Democrats	1	21	22

STATE OFFICERS. (All republican.)

Governor—William Spry.
 Secretary of State—David Mattson.
 Attorney-General—Albert R. Barnes.
 Auditor—Lincoln G. Kelly.
 Treasurer—Jesse D. Jewkes.
 Superintendent of Public Instruction—Andrew C. Nelson.

VERMONT (Population in 1910, 355,956).

Population in 1910.	PRESIDENT 1912				PRES. 1908			
	Rep.	Dem.	Prog.	Soc.	Rep.	Taft	Bryan	Dem.
20010 Addison	1835	621	1487	19.	2986	444		
21378 Bennington	1464	1067	1380	105.	2453	748		
22831 Caledonia	1533	1065	2049	32.	2700	704		
42447 Chittenden	2398	2292	1663		3895	1650		
7384 Essex	463	348	353	10.	744	327		
23896 Franklin	1433	1317	1457	25.	2360	1048		
3761 Grand Isle	193	210	204	6.	364	188		
12385 Lamolille	852	431	996	30.	1455	311		
18708 Orange	1289	956	1426	32.	2262	667		
23337 Orleans	1475	628	1891	17.	2555	384		
48139 Rutland	2960	2079	2327	79.	5643	1542		
State House	2	3						
41702 Washington	2797	1743	1730	373.	3823	1610		
26933 Windham	2143	1327	2020	67.	3728	905		
33681 Windsor	2409	1302	2546	91.	4683	907		
Total	23332	15854	22132	928.	38552	11446		
Plurality	1200				28056			
Per cent.	37.13	24.44	35.23	1.47.	75.11	21.83		
Total vote.		62388			52651			

For president in 1912 Chafin, Pro., received 1,092 votes.

For president in 1908 Chafin, Pro., received 802 votes and Higgen, Ind., 804.

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Addison, Bennington, Chittenden, Franklin, Grand Isle, Lamolille and Rutland.	15,469
Frank L. Greene, Rep.	9,154
Patrick M. Meldon, Dem.	7,977
George L. Story, Pro.	9,154
John Spargo, Soc.	454
2. Counties of Caledonia, Essex, Orange, Orleans, Washington, Windham and Windsor.	
Frank Plumley, Rep.	13,316
O. C. Sawyer, Dem.	8,269
Elmer E. Phillips, Pro.	532
Charles E. Ordway, Soc.	766

LEGISLATURE.

Senate. House. J. B.

Republicans	27	146	177
Democrats	3	58	61
Progressives		31	31
Independent republicans		3	3
Prohibitionists		2	2
Others		3	3

STATE OFFICERS. (All republicans.)

Governor—Allen M. Fletcher.
 Lieutenant-Governor—Frank E. Howe.
 Treasurer—Edward H. Deavitt.
 Secretary of State—Guy W. Bailey.
 Auditor—Horace F. Graham.
 Attorney-General—Rufus E. Brown.

VIRGINIA (Population in 1910, 2,061,612).

COUNTIES.	PRESIDENT 1912					
	Dem.	Rep.	Prog.	Soc. Pro.	Chas.	Chas.
Population in 1910.	Wilson	Taft	Roosevelt	Debs	Chas.	Chas.
36050 Accomac.....	1825	153	110	1	25	
29871 Albemarle.....	1215	144	126	15	3	
15329 Alexandria city.....	961	132	104	11	2	
10231 Alexandria county.....	546	86	153	8		
11713 Alleghany.....	384	125	263	10	15	
5725 Amelia.....	325	32	50		2	
18932 Amherst.....	765	64	60	8	1	
8304 Appomattox.....	654	28	51			
32445 Augusta.....	1556	568	272	11	73	
6538 Bath.....	329	159	89	3	11	
26549 Bedford.....	1219	142	343	9	20	
5154 Bland.....	289	206	118	1	1	
17727 Botetourt.....	859	56	64	8	3	
6247 Bristol city.....	405	86	64	8	3	
19244 Brunswick.....	643	67	43	5	6	
12334 Buchanan.....	524	223	389		2	
15204 Buckingham.....	603	97	110			
3245 Buena Vista city.....	155	43	48	8	3	
23043 Campbell.....	810	97	126	11	8	
16596 Caroline.....	590	144	126		6	
5233 Charles City.....	755	874	346		3	
15785 Charlotte.....	121	37	23			
6765 Charlottesville city.....	609	175	123	10	1	
21299 Chesterfield.....	454	39	24	4	1	
7488 Clarke.....	702	61	75	8	2	
5748 Clifton Forge city.....	576	39	14	1		
4711 Craig.....	293	63	61	34	1	
13472 Culpeper.....	357	52	150	1	4	
9105 Cumberland.....	108	49	1	5		
19020 Danville city.....	362	10	31			
9199 Dickenson.....	1066	93	79	11	7	
15442 Dinwiddie.....	529	398	157	5		
21225 Elizabeth City.....	512	58	75	1	3	
9105 Essex.....	347	43	56	8		
20530 Fairfax.....	278	72	11		6	
20530 Fairfax.....	982	157	150		2	
14026 Fauquier.....	1187	87	2	3		
24026 Floyd.....	409	222	712	5	13	
8323 Fuvanna.....	409	53	58	5		
26480 Franklin.....	1238	415	601	5	3	
12787 Frederick.....	922	181	112	3	16	
5874 Fredericksburg city.....	414	51	200		1	
11623 Giles.....	725	267	147	4	3	
12477 Gloucester.....	510	74	56			
9237 Goochland.....	322	114	82	6		
28354 Grayson.....	442	832	200	1	1	
6387 Greene.....	238	141	95		5	
11890 Greensville.....	294	31	72	1	3	
40044 Halifax.....	1260	426	127	15	8	
Hampton city.....	353	13	31	1	1	
17200 Hanover.....	609	87	4	2		
23437 Henrico.....	952	93	105	16	6	
18459 Henry.....	707	216	395	8		
6317 Highland.....	313	221	84		14	
14929 Isle of Wight.....	708	75	101			
3624 James City.....	128	10	15	1	2	
6378 King George.....	256	48	103			
9576 King and Queen.....	246	68	48			
8547 King William.....	305	69	63	1	1	
9752 Lancaster.....	479	82	36	1	6	
23840 Lee.....	1023	624	97	9	10	
21187 Loudoun.....	1236	56	87	4	35	
16578 Louisa.....	578	91	141	6	4	
12780 Lunenburg.....	508	66	50	4		
29494 Lynchburg city.....	1487	111	218	19	5	
10055 Madison.....	402	210	63	1	1	
9715 Manchester City.....						
8922 Mathews.....	523	45	84			
28956 Mecklenburg.....	1019	391	1	1	5	
8852 Middlesex.....	874	32	22			
17288 Montgomery.....	684	349	531	2	27	
26886 Nansemond.....	544	53	65	2	8	
16821 Nelson.....	706	163	95	5	2	
4682 New Kent.....	160	30	46		1	
20205 Newport News city.....	938	100	231	53	3	
67452 Norfolk city.....	3539	195	451	33	10	
52744 Norfolk county.....	1089	422	215		4	
16672 Northampton.....	726	83	76	1		
10772 Northumberland.....	940	102	52			
13462 Nottoway.....	683	72	70	4	7	
13486 Orange.....	619	87	57		2	
14147 Page.....	703	340	138	10	26	
17135 Patrick.....	698	434	350	3	4	
24127 Petersburg city.....	1122	75	44	2	1	
50703 Pittsylvania.....	1558	527	321		1	
33190 Portsmouth city.....	1529	64	321	16	1	
6069 Powhatan.....	230	109	51	11	3	
14296 Prince Edward.....	584	72	46		1	
7848 Prince George.....	204	42	48	1		
11526 Princess Anne.....	422	40	63			

Population.	Wilson	Taft	Roosevelt	Debs	Chas.
12026 Prince William.....	814	82	93	5	6
17246 Pulaski.....	781	196	484	13	3
4202 Radford city.....	185	36	95	8	4
8044 Rappahannock.....	356	94	9	11	2
12733 Richmond city.....	5632	405	483	7	10
7415 Richmond county.....	342	110	40		
34874 Roanoke city.....	1913	258	502	39	16
19623 Roanoke county.....	696	108	191	9	15
21171 Rockbridge.....	949	433	212	13	7
34903 Rockingham.....	1761	937	421	25	47
25474 Russell.....	1238	588	623	6	4
32814 Scott.....	1311	557	1075	12	6
2042 Shenandoah.....	1386	706	493	7	12
20236 Smyth.....	1279	609	573	6	3
25302 Southampton.....	861	95	49		
9635 Spottsylvania.....	390	58	158		11
8070 Stafford.....	347	141	183	2	
10604 Staunton city.....	632	65	287		
Suffolk city.....	480	71	63	2	17
9715 Surrey.....	3	0	37	6	5
13604 Sussex.....	435	59	63		14
24946 Tazewell.....	979	586	871	19	7
8359 Warren.....	121	122	39	2	1
6041 Warwick.....	573	17	30		
32830 Washington.....	1721	590	996	4	14
9313 Westmoreland.....	341	69	43	2	
2714 Williamsburg city.....	113	11	14		1
5864 Winchester city.....	447	141	63	3	22
34162 Wise.....	1279	651	573	34	1
20372 Wythe.....	110	633	650	5	1
7757 York.....	211	34	26	3	3
Total.....	90362	23288	21777	820	703
Plurality.....	67044				
Percent.....	65.95	17.00	15.89	.59	.51
Total vote.....	136976				

For president in 1912 Reimer, Soc.-Lab., received 50 votes.

FOR REPRESENTATIVES IN CONGRESS, 1912.

- The counties of Accomac, Caroline, Essex, Gloucester, King and Queen, Lancaster, Mathews, Middlesex, Northampton, Northumberland, Richmond, Spottsylvania, Westmoreland and city of Fredericksburg.
W. A. Jones, Dem.....10,361
T. E. Coleman, Soc.....753
- The counties of Charles City, Elizabeth City, Isle of Wight, James City, Nansemond, Norfolk, Princess Anne, Southampton, Surrey, Warwick, York and the cities of Newport News, Norfolk, Portsmouth and Williamsburg.
E. E. Holland, Dem.....10,061
N. T. Green, Prog.....1,121
- The counties of Chesterfield, Goochland, Hanover, Henrico, King William, New Kent and the cities of Richmond and Manchester.
Andrew J. Montague, Dem.....10,541
Charles A. Haight, Soc.....154
- The counties of Amelia, Brunswick, Dinwiddie, Greensville, Lunenburg, Mecklenburg, Nottoway, Powhatan, Prince Edward, Prince George, Sussex and the city of Petersburg.
Walter A. Watson, Dem.....7,847
Fred Herzog, Soc.....269
- The counties of Carroll, Floyd, Franklin, Grayson, Henry, Patrick, Pittsylvania and the city of Danville.
E. W. Saunders, Dem.....9,479
A. B. Hamner, Rep.....5,449
- The counties of Bedford, Campbell, Charlotte, Halifax, Montgomery, Roanoke and the cities of Lynchburg, Radford and Roanoke.
Carter Glass, Dem.....8,194
James S. Browning, Prog.....1,589
- The counties of Albemarle, Clark, Frederick, Greene, Madison, Page, Rappahannock, Rockingham, Shenandoah, Warren and the cities of Charlottesville and Winchester.
James Hay, Dem.....10,015
George N. Earman, Rep.....3,539
E. C. Garrison, Soc.....446
- The counties of Alexandria, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Orange, Prince William, Stafford and the city of Alexandria.
C. C. Carlin, Dem.....9,083
F. T. Evans, Soc.....628
- The counties of Bland, Buchanan, Craig, Dickenson, Giles, Lee, Pulaski, Russell, Scott, Smyth,

Tazewell, Washington, Wise, Wythe and the city of Bristol.	
R. A. Ayers, Dem.	13,857
C. B. Slomp, Rep.	1,868
Walter Graham, Prog.	1,004
10. The counties of Alleghany, Amherst, Appomattox, Augusta, Bath, Botetourt, Buckingham, Cumberland, Fluvanna, Highland, Nelson, Rockbridge and the cities of Buena Vista and Staunton.	
H. D. Flood, Dem.	9,615
E. J. McCulloch, Prog.	2,458
Nathan Parkins, Soc.	842

LEGISLATURE.	Senate.	House.	J. B.
Democrats	35	90	125
Republicans	5	10	15

STATE OFFICERS. (All democrats.)

Governor—William H. Mann.
Lieutenant-Governor—J. T. Ellyson.
Attorney-General—Samuel W. Williams.
Secretary—B. O. James.
Treasurer—A. W. Harman, Jr.

WASHINGTON (Population in 1910, 1,141,990).

Population 1910.	COUNTIES.	Rep.	Dem.	Prog.	Soc.
	(39)	Taft.	Wilson.	Roosevelt.	Debs.
10920 Adams.....	350	551	748	154	
5831 Asotin.....	574	549	512	133	
7937 Benton.....	726	1234	1370	356	
35390 Chehalis.....	5712	2479	2901	1682	
15104 Chelan.....	1083	1330	1886	621	
6755 Clallam.....	720	463	680	605	
26115 Clarke.....	1837	2551	2077	966	
7042 Columbia.....	686	965	812	172	
12561 Cowlitz.....	1348	949	900	495	
9227 Douglas.....	641	1352	795	318	
4800 Ferry.....	286	639	502	269	
5153 Franklin.....	282	607	525	303	
4199 Garfield.....	338	426	650	86	
8838 Grant.....	458	769	914	414	
4704 Island.....	332	305	504	947	
8337 Jefferson.....	636	638	740	282	
29468 King.....	15561	20082	26902	6843	
17647 Kitsap.....	1224	969	2321	1429	
10861 Kittitas.....	1157	1407	1902	515	
19190 Klickitat.....	1037	1028	795	351	
32127 Lewis.....	3185	2482	2049	1638	
17559 Lincoln.....	691	1829	1865	289	
25239 Mason.....	481	531	464	337	
12887 Okanogan.....	501	1451	1088	824	
12532 Pacific.....	1370	971	1250	382	
Pond d'Oreille (new).....	274	701	637	288	
120812 Pierce.....	6339	6904	12506	4075	
3403 San Juan.....	341	310	346	—	
29241 Skagit.....	2420	2528	1950	1065	
2887 Skamania.....	247	250	221	137	
52329 Snohomish.....	3041	3005	7884	3005	
13904 Spokane.....	4213	1041	16837	2556	
25297 Stevens.....	808	1979	1970	988	
17581 Thurston.....	1530	1455	1470	1163	
3285 Wahkiakum.....	286	185	288	75	
31931 Walla Walla.....	1923	2505	2727	946	
49311 Whatcom.....	4187	2776	4582	2913	
53280 Whitman.....	1886	3001	2230	528	
41709 Yakima.....	3371	3242	4282	1147	
Total.....	71262	87674	11977	35655	
Plurality.....				24303	
Per cent.....	22.66	27.49	35.10	12.40	
Total vote.....			318255		

For president in 1912 Chafin, Pro., received 7,467 votes.

FOR REPRESENTATIVES IN CONGRESS, 1912.

J. A. Falconer, Prog.	92,276
J. W. Bryan, Prog.	58,940
J. E. Frost, Rep.	51,510
Henry B. Dewey, Rep.	55,386
E. O'Connor, Dem.	72,089
Henry M. White, Dem.	70,033

1. Counties of King, Island, Kitsap, Snohomish and Whatcom.	
William E. Humphrey, Rep.	35,138
Charles G. Heifner, Dem.	28,290
Daniel Landon, Prog.	34,101
2. Counties of Chehalis, Clarke, Cowlitz, Jefferson, Klickitat, Lewis, Mason, Pacific, Pierce, Thurston and Wahkiakum.	
Albert Johnson, Rep.	22,815
J. A. Munday, Dem.	15,633
Stanton Warburton, Prog.	21,970

3. Counties of Asotin, Benton, Chelan, Columbia, Franklin, Garfield, Kittitas, Okanogan, Pend d'Oreille, Stevens, Walla Walla, Whitman and Yakima.	
William L. LaFollette, Rep.	19,466
Roscoe Drumheller, Dem.	15,499
F. M. Goodwin, Prog.	12,609

LEGISLATURE.	Senate.	House.	J. B.
Republicans	27	48	75
Democrats	7	18	25
Progressives	7	30	37

STATE OFFICERS.

Governor—Ernest Lister, Dem.
Lieutenant-Governor—Louis F. Hart, Rep.
Secretary of State—I. M. Howell, Rep.
State Treasurer—Edward Meath, Rep.
Auditor—C. W. Clausen, Rep.
Attorney-General—W. V. Tanner, Rep.

WEST VIRGINIA (Population in 1910, 1,222,119).

Population 1910.	COUNTIES.	Dem.	Prog.	Rep.	Soc. Pro.
	(55)	Wilson.	Roosevelt.	Taft.	Debs.
15588 Barbours.....	1564	1423	609	100	78
12939 Berkeley.....	2708	1203	1349	135	123
10331 Boone.....	1119	624	416	314	12
23923 Braxton.....	2811	1814	580	39	56
11098 Brooke.....	850	444	972	244	60
46385 Cabell.....	4793	3193	1798	480	10
11258 Calhoun.....	1949	474	573	12	9
10238 Clay.....	982	766	352	55	45
12672 Doddridge.....	866	1189	622	44	37
15303 Fayette.....	3757	3126	2897	1428	154
11379 Gilmer.....	1495	515	499	22	24
7838 Grant.....	356	1024	559	13	27
24833 Greenbrier.....	2707	1734	622	186	38
11694 Hampshire.....	1777	296	405	4	24
10465 Hancock.....	634	557	662	122	122
9163 Hardy.....	1209	314	344	7	15
43381 Harrison.....	4378	3436	1754	1077	360
19367 Jackson.....	1937	1355	1199	49	27
15689 Jefferson.....	2525	152	963	55	82
91457 Kanawha.....	6938	6546	1780	3071	198
18281 Lincoln.....	1929	1159	1619	146	138
24911 Lewis.....	1876	1619	631	56	26
14476 Logan.....	1812	601	519	245	11
42794 Marion.....	4555	2443	1625	826	339
32398 Marshall.....	2405	1832	1610	521	280
19129 Mason.....	1812	1686	1024	247	28
38571 Mercer.....	3497	2465	1507	158	66
16474 Mineral.....	1367	1464	448	164	30
19431 Mingo.....	1382	844	1569	72	12
24334 Monongalia.....	1673	1761	1216	580	148
18055 Monroe.....	1570	740	798	17	17
7848 Morgan.....	550	518	612	72	34
47856 McDowell.....	2497	2425	4341	64	30
17699 Nicholas.....	2018	1451	564	29	105
57572 Ohio.....	5771	2646	3666	1579	248
3949 Pendleton.....	1062	435	475	17	22
8074 Pleasant.....	797	324	405	22	22
14740 Pocahontas.....	1428	1084	589	94	114
26341 Preston.....	1485	2427	1461	212	153
18587 Putnam.....	1536	1401	581	326	20
25633 Raleigh.....	2343	2851	897	434	51
20028 Randolph.....	2563	1415	756	371	83
17875 Ritchie.....	1270	1262	998	91	149
21543 Roane.....	1270	1070	708	52	65
18420 Summers.....	2111	1248	731	88	32
16554 Taylor.....	1445	1313	791	175	81
18675 Tucker.....	1221	1265	548	253	81
16211 Tyler.....	1198	1125	704	169	94
16629 Upshur.....	893	1695	834	61	139
24081 Wayne.....	2634	796	1465	85	39
3630 Webster.....	1330	524	307	23	26
28843 Welch.....	2710	729	1090	163	97
9047 Wood.....	453	781	714	23	19
33001 Wirt.....	3784	1514	2509	428	101
10392 Wyoming.....	881	620	569	8	10
Total.....	113046	78977	56867	15396	4594
Plurality.....		34069			
Per cent.....	42.09	29.41	21.10	5.71	1.63
Total vote.....		268560			

For president in 1908 Taft, Rep., received 137,869 votes; Bryan, Dem., 111,418; Chafin, Pro., 5,139; Debs, Soc., 3,679.

FOR REPRESENTATIVES IN CONGRESS, 1912.

At Large—Howard Sutherland, Rep.	132,723
Ben H. Hiner, Dem.	114,573
Peters, Soc.	15,291

1. Counties of Hancock, Brooke, Ohio, Marshall, Wetzel, Marion, Harrison and Lewis.
 - John W. Davis, Dem. 24,777
 - George A. Laughlin, Rep. 24,613
 - Holt, Soc. 4,230
2. Counties of Barbour, Berkeley, Grant, Hampshire, Hardy, Jefferson, Mineral, Monongalia, Morgan, Pendleton, Preston, Randolph, Taylor, Tucker.
 - William G. Brown, Dem. 23,469
 - William G. Conley, Rep. 23,455
 - Smith, Soc. 1,374
3. Counties of Clay, Fayette, Greenbrier, Kanawha, Monroe, Nicholas, Pocahontas, Summers, Upshur, Webster.
 - Adam C. Littlepage, Dem. 24,573
 - Samuel V. Avis, Rep. 26,041
 - Rogers, Soc. 5,163
4. Counties of Braxton, Calhoun, Doddridge, Gilmer, Jackson, Pleasants, Ritchie, Roane, Tyler, Wirt, Wood.
 - John M. Hamilton, Dem. 19,346
 - H. H. Moss, Jr., Rep. 20,446

5. Counties of Boone, Cabell, Lincoln, Logan, Mason, Mercer, Mingo, McDowell, Putnam, Raleigh, Wayne, Wyoming.
 - James A. Hughes, Rep. 33,128
 - James F. Beavers, Dem. 27,697
 - Gillespie, Soc. 2,468

LEGISLATURE.		Senate House, J. B.	
Republicans	15	53	68
Democrats	15	33	48

STATE OFFICERS. (All republicans.)

Governor—Henry D. Hatfield.
 Secretary—Stuart F. Reed.
 Auditor—John S. Darst.
 Treasurer—E. Leslie Long.
 Attorney-General—Abraham A. Lilly.
 Superintendent Schools—M. P. Shawkey.

WISCONSIN (Population in 1910, 2,833,860).

Population in 1910.	PRESIDENT 1912.					GOVERNOR 1912.					PRESIDENT 1908.				
	Dem.	Pro.	Rep.	Soc.	S.L.	Dem.	Pro.	Rep.	Soc.	S.L.	Dem.	Pro.	Rep.	Soc.	S.L.
Adams.....	462	52	689	66	22	204..	326	34	991	53	1167	436	56	213	1
Ashtland.....	1451	109	967	315	4	677..	1235	107	1797	243	11..	2259	1582	110	32
Barron.....	1065	253	1414	265	5	968..	920	257	2390	226	24..	3247	1236	243	128
Bayfield.....	696	68	514	306	7	671..	539	79	1239	275	23..	1957	569	72	174
Brown.....	3577	124	2248	569	13	1335..	3444	146	3936	510	25..	4947	3353	129	516
Buffalo.....	1646	58	40	1239	45	3	1504	44	1325	23	4..	1937	1627	64	20
Burnett.....	305	50	403	172	7	570..	214	54	983	158	33..	1181	296	93	65
Calumet.....	1396	17	931	85	7	454..	1333	25	1317	65	8..	1576	1711	30	85
Chippewa.....	2028	113	1736	102	6	1132..	2232	99	2471	83	12..	3526	2203	148	90
Clark.....	1528	109	2035	145	—	648..	1433	114	2650	115	28..	3491	1576	152	92
Clinton.....	2473	148	2463	121	—	585..	2385	132	3045	98	11..	4072	2363	198	140
Crawford.....	1515	64	1407	69	1	323..	1634	64	1571	49	4..	2041	1586	72	63
Dane.....	9017	391	5244	208	7	1237..	7102	398	8353	232	41..	9411	7818	489	256
Dodge.....	5246	119	2539	118	7	705..	5656	129	3637	38	4..	4015	5883	162	63
Dorchester.....	769	135	1167	77	3	690..	1156	125	1358	67	8..	2463	778	53	37
Douglas.....	1181	117	730	752	69	2285..	1584	148	2450	935	62..	3509	1715	257	653
Dunn.....	833	94	1403	285	7	1174..	621	91	2571	205	22..	3297	914	102	119
Eau Claire.....	1728	116	2012	239	5	895..	1497	108	2947	228	17..	3890	1859	173	158
Florence.....	181	9	262	15	1	182..	146	11	386	12	1..	541	102	19	5
Fond du Lac.....	4538	174	3014	349	4	1236..	4824	314	3855	289	9..	5872	5194	244	290
Forest.....	1972	122	518	30	1	633..	200	53	639	45	5..	1023	324	51	46
Grant.....	3615	221	3638	191	1	697..	3498	214	3898	93	11..	4389	3288	88	83
Green.....	1716	201	1601	85	7	516..	1707	172	2044	85	20..	2617	1856	209	122
Green Lake.....	1407	74	1269	39	—	195..	1526	76	1299	39	1..	2094	1608	63	32
Iowa.....	2103	224	1838	32	1	438..	2009	160	2343	32	1..	2886	2077	238	12
Iron.....	347	34	473	72	3	254..	450	31	628	65	25..	1134	314	43	42
Jackson.....	606	86	1598	78	4	477..	560	81	1890	68	7..	2603	631	65	40
Jefferson.....	4381	122	1926	100	3	490..	4516	150	2075	101	8..	3207	4492	161	70
Juneau.....	1235	59	1222	135	—	495..	1719	62	1675	165	14..	2454	1691	77	37
Kenosha.....	2216	104	1671	492	9	1619..	2722	175	3702	492	38..	3409	2006	239	601
Kewaunee.....	1636	19	1115	22	7	263..	1635	26	1415	19	—	1590	1731	37	63
Lafayette.....	4263	148	2272	337	14	999..	3828	153	3688	346	17..	4382	4054	189	112
Lafayette.....	1852	77	1847	28	3	756..	1971	62	2414	19	4..	2832	2100	105	24
Langlade.....	1387	36	710	91	2	810..	1446	45	1341	54	4..	1921	1340	64	33
Lincoln.....	1760	45	712	212	2	627..	1421	29	1661	188	12..	2908	1813	63	99
Manitowoc.....	3436	44	2389	890	2	919..	3818	62	2561	808	8..	4126	3562	61	947
Marathon.....	4043	131	3053	587	24	1374..	4374	176	3895	505	32..	5258	4768	193	276
Marquette.....	1235	98	1618	276	10	125..	1764	99	2819	210	12..	3454	1567	282	154
Marquette.....	923	42	881	22	2	855..	925	44	1161	15	4..	1555	798	44	17
Milwaukee.....	27628	536	17477	19243	79	5389..	31746	991	17771	21301	1785..	28625	26000	1278	1746
Monroe.....	2084	150	1841	125	—	628..	1869	185	2441	117	22..	3804	2155	136	91
Oconto.....	1523	54	1988	139	—	554..	1710	46	2273	120	12..	3020	1453	75	114
Oneida.....	717	20	773	175	1	431..	700	22	1107	169	10..	1536	688	28	354
Ozaukee.....	4139	153	2384	132	10	1401..	3831	157	4076	179	59..	5079	4286	209	118
Ozaukee.....	1823	24	749	76	7	241..	3074	22	714	55	6..	1216	1866	27	60
Peppin.....	410	24	538	27	2	329..	433	27	748	21	—	1010	447	36	5
Pierce.....	985	103	986	102	5	1204..	694	100	2236	81	58..	2388	978	150	66
Polk.....	830	99	848	270	10	1075..	465	106	2095	296	41..	2788	816	146	121
Portage.....	2300	85	1362	101	2	890..	2652	89	2396	99	10..	3289	2362	112	50
Price.....	662	75	708	290	3	662..	682	67	1225	273	35..	1738	609	70	236
Racine.....	3909	286	2606	612	6	1410..	3918	328	3725	550	120..	5490	3688	429	794
Richland.....	1493	345	1623	127	3	367..	1444	331	1930	107	15..	2464	1689	289	51
Rock.....	3032	313	4276	261	11	2002..	4283	391	4717	227	74..	7839	5227	391	265
Rusk.....	522	54	575	204	3	544..	437	50	976	181	13..	1431	532	45	3
St. Croix.....	1806	99	1728	188	4	823..	1730	121	2442	152	7..	3228	1773	96	83
Sauk.....	2464	302	2171	67	3	720..	2348	290	2774	58	11..	3854	2571	294	35
Sawyer.....	432	22	296	15	1	144..	354	15	485	10	1..	815	299	18	19
Shawano.....	1690	112	1535	99	13	1103..	1386	114	2753	107	14..	3349	1750	102	40
Sheboygan.....	3908	109	2662	1084	11	1628..	4227	138	4197	1047	16..	5948	4405	245	752
Shoshone.....	321	35	773	271	8	379..	757	21	1195	246	6..	1627	924	42	52
Trempealeau.....	1358	152	1763	50	3	795..	1286	63	2474	39	5..	3733	1085	115	32
Verona.....	1253	184	2624	74	4	433..	1310	17	2830	70	13..	4411	1561	188	39
Vilas.....	327	9	304	74	4	212..	383	12	416	61	9..	794	278	18	33
Walworth.....	2125	305	2096	78	7	1237..	2287	335	2855	88	21..	4151	1960	487	73
Washington.....	398	43	409	148	—	488..	476	40	821	196	5..	1114	396	35	69
Washington.....	2425	26	1799	150	—	302..	2735	20	1803	138	—	2588	2625	41	77

Population	Wilson	Chafin	Taft	Debs	Reimer	Roosev't	Karel	Hill	M'Gov'n	Thompa	n'Curtis	Taft	Bryan	Chafin	Debs	Gillham
37,100 Waukesha.....	3594	261	2714	196	1	507..	3521	235	3235	183	13..	4738	3206	346	197	3
52,782 Waupaca.....	1585	178	224	151	10	177..	1339	139	3741	141	72..	4781	1483	239	143	2
1836 Waushara.....	72	75	1343	92	6	741..	583	93	2142	75	31..	2821	507	114	82	14
52,116 Winnebago.....	4631	146	1922	473	21	4068..	4398	202	5490	498	166..	6797	5511	412	288	3
30,683 Wood.....	2523	139	1742	367	38	525..	2340	122	2422	340	16..	3013	2498	132	274	—
Total.....	16428	8586	130695	39481	522	62460..	167316	9438	179390	34468	3253..	247747	169632	11572	28170	314
Plurality.....	3533								12044			8115				
Per cent.....	41.06	2.15	32.67	8.37	13	15.62..	42.48	2.40	45.54	8.75	.83..	54.32	36.66	2.55	6.20	.07
Total vote.....			393972						393830					494421		

FOR REPRESENTATIVES IN CONGRESS, 1912.

1. Counties of Kenosha, Racine, Rock, Walworth and Waukesha.	
Henry A. Cooper, Rep.....	18,914
Calvin Stewart, Dem.....	13,816
Marcus S. Kellogg, Pro.....	1,333
Joseph Orth, Soc. Dem.....	1,523

2. Counties of Columbia, Dodge, Jefferson, Ozaukee, Sheboygan and Washington.	
Michael E. Burke, Dem.....	20,665
Will E. Mack, Pro.....	538
Henry J. Grell, Rep.....	14,693
Edward D. Deuss, Soc. Dem.....	1,512

3. Counties of Crawford, Dane, Grant, Green, Iowa, Lafayette and Richland.	
John M. Nelson, Rep.....	22,388
Albert H. Long, Dem.....	18,219
Charles H. Berryman, Pro.....	1,219
William E. Middleton, Soc. Dem.....	496

4. The 3d, 4th, 5th, 8th, 11th, 12th, 14th, 16th, 17th, 23d and 24th wards of the city of Milwaukee; towns of Wauwatosa, Greenfield, Franklin, Oak Creek and Lake; village of West Milwaukee and cities of West Allis, South Milwaukee and Cudahy, all in Milwaukee county.	
William J. Cary, Dem-Rep.....	14,906
William R. Nethercut, Pro.....	541
John M. Befeel, Rep.....	6,946
W. R. Gaylord, Soc. Dem.....	10,840

5. The 1st, 2d, 6th, 7th, 9th, 10th, 13th, 15th, 18th, 19th, 20th, 21st, 22d and 25th wards of the city of Milwaukee; towns of Granville and Milwaukee and villages of North Milwaukee, East Milwaukee and Whitefish Bay, all in Milwaukee county.	
William H. Stafford, Dem-Rep.....	15,933
Augustin C. Forster, Pro.....	406
James F. Trotman, Rep.....	8,251
Victor L. Berger, Soc. Dem.....	14,025

6. Counties of Calumet, Fond du Lac, Green Lake, Manitowish, Marquette and Winnebago.	
Michael K. Relly, Dem.....	16,742
Frank L. Smith, Pro.....	505
James H. Davidson, Rep.....	15,505
Martin Georgeson, Soc. Dem.....	1,659

7. Counties of Adams, Clark, Jackson, Juneau, La Crosse, Sauk and Vernon.	
William N. Coffland, Dem.....	10,795
B. S. Hawley, Pro.....	901
John Jacob, Esch, Rep.....	20,060
C. A. Noetzleman, Soc. Dem.....	826

8. Counties of Marathon, Portage, Shawano, Waupaca, Waushara and Wood.	
Arthur J. Plovman, Dem.....	12,265
Adolph R. Buckman, Pro.....	687
Edward F. Browne, Rep.....	17,094
Curtis A. Boorman, Soc. Dem.....	1,256

9. Counties of Brown, Door, Florence, Forest, Kewaunee, Langlad, Marinette, Oconto and Outagamie.	
Thomas F. Konop, Dem.....	16,843
Jason L. Sizer, Pro.....	531
Elmer A. Morse, Rep.....	16,129
John Oliver, Soc. Dem.....	1,138

10. Counties of Barron, Buffalo, Chippewa, Dunn, Eau Claire, Pepin, Pierce, St. Croix and Trempealeau.	
James A. Frear, Rep.....	19,915
Charles Donohue, Dem.....	8,794

Beverly White, Pro.....	868
Albert Slaughter, Soc. Dem.....	1,031
11. Counties of Ashland, Bayfield, Burnett, Douglas, Iron, Lincoln, Oneida, Polk, Price, Rush, Sawyer, Taylor, Vilas and Washington.	
Henry A. Johnson, Dem.....	7,998
David W. Emerson, Pro.....	726
Irvine L. Lenroot, Rep.....	17,756
Ellis B. Harris, Soc. Dem.....	3,017

LEGISLATURE.

	Senate.	House.	J. B.
Republicans.....	26	60	86
Democrats.....	6	34	40
Social Democrats.....	1	6	7

STATE OFFICERS. (All republicans.)

Governor—Francis E. McGovern.	
Lieutenant-Governor—Thomas Morris.	
Secretary of State—John S. Donald.	
Treasurer—Henry Johnson.	
Attorney-General—Walter C. Owen.	
Insurance Commissioner—Herman L. Ekern.	
Superintendent of Schools—Charles P. Cary.	

WYOMING (Population in 1910, 145,965).

Population (21) in 1910.	PRESIDENT 1912				
	Rep.	Dem.	Prog.	Soc.	Pro.
11574 Albany.....	882	1044	531	177	59
8886 Big Horn.....	794	691	594	136	26
Campbell.....	186	361	163	19	11
11282 Carbon.....	1106	957	489	258	15
6294 Converse.....	540	436	349	40	14
6432 Crook.....	505	726	461	166	14
11822 Fremont.....	811	993	511	131	9
Goshen.....	232	318	235	23	30
Hot Springs.....	273	343	298	80	12
3453 Johnson.....	522	524	327	21	2
26127 Laramie.....	1371	1923	335	131	44
Lincoln.....	1430	1028	580	334	6
4766 Natrona.....	640	447	262	52	5
Niobrara.....	500	282	142	30	59
4909 Park.....	534	672	470	88	26
Platte.....	500	785	353	87	40
16324 Sheridan.....	862	1649	1305	398	34
11575 Sweetwater.....	888	916	390	279	10
16982 Uinta.....	717	555	463	207	1
Washakie.....	258	221	168	23	5
4960 Weston.....	449	450	306	80	11
Total.....	14560	15310	9232	2760	434
Plurality.....	750				
Per cent.....	34.42	36.20	21.83	6.52	1.03
Total vote.....			42296		

For president in 1908 Taft, Rep., received 20,846 votes; Bryan, Dem., 14,918, and Debs, Soc., 1,715.

FOR REPRESENTATIVES IN CONGRESS, 1912.

Frank W. Mondell, Rep.....	19,130
Thomas P. Fahey, Dem.....	14,720
C. E. Winter, Prog.....	4,828
Antony Carlson, Soc.....	2,230
L. Laughlin, Pro.....	296

LEGISLATURE.

	Senate.	House.	J. B.
Republicans.....	15	31	46
Democrats.....	12	26	38

STATE OFFICERS.

Governor—J. M. Carey, Prog. Rep.	
Secretary—F. L. Houx, Dem.	
Auditor—R. B. Forsythe, Rep.	
Treasurer—J. L. Baird, Rep.	
Supt. Public Instruction—Miss Rose A. Bird, Dem.	
Attorney-General—D. A. Preston, Dem.	

CHICAGO AND COOK COUNTY.

VOTE FOR PRESIDENT OF THE UNITED STATES BY PRECINCTS.

Election Nov. 5, 1912.

Nominees: William H. Taft, republican; Woodrow Wilson, democrat; Eugene W. Chaffin, prohibition; Eugene V. Debs, socialist; Arthur E. Reimer, socialist-labor; Theodore Roosevelt, progressive. The vote for Chaffin and Reimer is given by wards.

Taft Wilson Debs Reiser				Taft Wilson Debs Reiser				Taft Wilson Debs Reiser				Taft Wilson Debs Reiser							
1.....	55	133	30	108	24.....	75	34	6	116	6.....	38	114	37	49	18.....	34	104	1	190
2.....	64	85	4	106	35.....	60	7	—	63	7.....	38	64	40	73	19.....	87	158	4	241
3.....	22	70	10	45	36.....	51	10	3	97	8.....	51	121	63	62	20.....	65	97	8	191
4.....	23	161	30	33	37.....	78	20	2	169	9.....	21	146	41	45	21.....	59	118	2	148
5.....	13	119	9	34	38.....	121	131	17	193	10.....	46	113	32	75	22.....	50	71	22	133
6.....	34	149	26	50	39.....	95	39	5	137	11.....	42	92	28	39	23.....	64	158	23	239
7.....	44	122	16	53	40.....	74	51	14	164	12.....	21	90	45	48	24.....	86	123	4	207
8.....	64	104	4	33	41.....	56	63	7	186	13.....	45	92	37	73	25.....	69	116	4	203
9.....	49	91	11	79	42.....	74	67	5	186	14.....	55	103	47	76	26.....	69	102	8	203
10.....	28	131	23	48	43.....	75	84	7	166	15.....	35	120	52	62	27.....	59	103	7	184
11.....	42	80	7	36	44.....	69	97	7	164	16.....	51	126	56	74	28.....	62	93	9	118
12.....	52	122	22	72	45.....	65	76	7	142	17.....	33	120	37	40	29.....	122	112	12	256
13.....	67	92	4	48	46.....	48	87	16	129	18.....	37	117	41	31	30.....	66	74	5	136
14.....	35	87	3	62	47.....	42	103	21	101	19.....	59	135	42	67	31.....	72	73	7	119
15.....	84	80	19	56	48.....	44	94	13	122	20.....	56	49	25	86	32.....	68	57	10	114
16.....	42	90	20	66	49.....	48	92	29	150	21.....	54	77	25	53	33.....	59	86	6	153
17.....	59	118	9	117	50.....	54	114	42	136	22.....	44	135	45	76	34.....	43	90	3	110
18.....	55	97	13	102	51.....	43	76	21	91	23.....	62	144	40	43	35.....	55	73	17	94
19.....	35	94	9	55	52.....	45	65	10	136	24.....	54	146	39	54	36.....	67	103	12	144
20.....	46	102	16	41	Total.3102 3428 663 6602				25.....	55	131	39	50	37.....	33	83	8	131	
21.....	46	106	16	50	III.				26.....	54	99	38	34	38.....	58	133	22	168	
22.....	51	125	9	44	1.....	69	82	14	176	27.....	46	130	35	33	39.....	55	157	13	261
23.....	39	115	1	3	2.....	53	72	6	107	28.....	46	111	48	58	40.....	91	108	4	202
24.....	34	132	8	27	3.....	38	69	4	129	29.....	51	82	87	74	41.....	77	84	19	134
25.....	41	78	20	34	4.....	38	93	4	162	30.....	52	83	35	66	42.....	62	113	9	153
26.....	38	99	6	68	5.....	52	77	7	124	31.....	96	83	41	86	43.....	62	117	7	151
27.....	38	93	37	47	6.....	37	82	26	119	Total.1462 3203 1288 1798				44.....	61	158	12	162	
28.....	52	121	42	71	7.....	40	67	11	101	V.				45.....	58	130	11	210	
29.....	93	91	35	67	8.....	39	130	6	102	1.....	71	190	50	48	46.....	43	143	14	173
30.....	39	71	20	109	9.....	31	71	16	105	2.....	33	158	20	15	Total.3081 4767 387 7614				
31.....	90	39	14	69	10.....	33	70	5	109	3.....	37	169	18	22	VII.				
32.....	63	22	5	91	11.....	73	95	15	136	4.....	56	151	23	12	1.....	99	221	10	366
33.....	51	77	17	94	12.....	63	128	3	99	5.....	56	156	34	24	2.....	63	151	15	332
34.....	29	140	19	66	13.....	51	97	5	144	6.....	46	134	25	50	3.....	65	153	14	171
35.....	58	70	1	119	14.....	55	106	3	155	7.....	44	111	58	65	4.....	48	92	11	170
36.....	34	26	1	59	15.....	90	125	14	176	8.....	40	109	29	30	5.....	59	130	7	284
37.....	36	123	14	99	16.....	53	97	15	104	9.....	46	87	16	43	6.....	43	83	13	158
38.....	55	128	19	128	17.....	42	126	12	113	10.....	57	87	49	86	7.....	38	67	4	142
39.....	34	97	30	98	18.....	42	126	13	51	11.....	30	80	76	104	8.....	31	73	8	192
40.....	36	118	21	81	19.....	61	112	10	95	12.....	35	59	51	183	9.....	34	88	13	144
41.....	30	144	25	85	20.....	73	139	12	129	13.....	34	80	43	131	10.....	40	106	24	158
42.....	61	115	29	114	21.....	71	121	17	120	14.....	60	127	39	94	11.....	41	82	7	173
43.....	25	88	37	83	22.....	71	104	6	176	15.....	49	151	40	48	12.....	46	90	8	195
Total.1986 4345 705 2950				23.....	73	93	11	181	16.....	54	148	29	18	13.....	32	73	37	120	
II.				24.....	38	105	8	125	17.....	34	124	61	74	14.....	49	86	10	174	
1.....	51	109	37	118	25.....	78	98	9	171	18.....	58	122	35	142	15.....	33	80	22	111
2.....	63	96	11	118	26.....	62	82	6	139	19.....	49	103	80	120	16.....	27	83	5	171
3.....	86	56	4	192	27.....	51	103	20	158	20.....	75	130	71	96	17.....	51	45	12	184
4.....	51	21	5	90	28.....	48	109	21	132	21.....	79	118	58	63	18.....	55	78	9	187
5.....	50	17	1	101	29.....	55	94	4	167	22.....	54	111	60	105	19.....	48	77	9	156
6.....	75	43	3	117	30.....	81	116	3	230	23.....	58	71	50	62	20.....	67	118	4	207
7.....	74	13	—	147	31.....	81	116	3	230	24.....	39	82	98	93	21.....	55	120	12	217
8.....	48	50	32	106	32.....	78	101	9	183	25.....	16	42	61	120	22.....	50	88	13	140
9.....	64	20	2	93	33.....	75	92	2	142	26.....	46	142	75	76	23.....	60	166	15	174
10.....	59	52	5	114	34.....	48	78	19	117	27.....	83	80	21	39	24.....	47	108	17	150
11.....	45	110	11	156	35.....	45	92	3	126	28.....	64	170	26	42	25.....	31	118	12	87
12.....	60	103	30	88	36.....	38	93	26	145	29.....	53	157	41	9	26.....	61	148	29	133
13.....	51	117	18	129	37.....	60	105	4	154	30.....	45	170	30	29	27.....	51	110	23	103
14.....	61	65	10	140	38.....	69	85	4	142	Total.1501 3619 1367 2043				28.....	52	120	24	135	
15.....	47	89	16	125	39.....	47	101	13	165	1.....	103	99	2	191	29.....	38	80	21	126
16.....	53	100	18	137	40.....	42	90	8	127	2.....	75	87	1	148	30.....	48	102	30	139
17.....	49	48	11	123	41.....	66	86	6	203	3.....	68	71	—	128	31.....	47	88	37	126
18.....	43	50	16	89	42.....	70	120	27	171	4.....	75	66	1	149	32.....	41	86	21	105
19.....	35	69	11	117	43.....	55	112	10	145	5.....	59	74	1	138	33.....	77	129	49	192
20.....	66	51	9	87	44.....	45	95	7	81	6.....	144	97	6	136	34.....	43	102	28	205
21.....	51	65	12	90	45.....	52	55	4	107	7.....	47	138	11	125	35.....	40	95	30	161
22.....	45	81	16	137	46.....	44	172	21	31	8.....	58	107	8	163	36.....	55	125	34	194
23.....	85	112	5	133	47.....	24	119	26	27	9.....	55	98	13	164	37.....	61	120	49	150
24.....	43	83	11	142	48.....	44	119	26	27	10.....	52	88	7	156	38.....	49	98	17	129
25.....	53	63	13	124	49.....	50	83	12	143	11.....	93	103	2	157	39.....	30	107	23	136
26.....	61	33	2	161	Total.2688 4841 514 6481				12.....	55	87	5	147	40.....	35	94	38	155	
27.....	79	31	9	187	IV.				13.....	74	111	16	159	41.....	15	63	29	114	
28.....	56	31	1	108	1.....	70	88	47	99	14.....	49	117	8	156	42.....	28	107	45	115
29.....	60	45	15	96	2.....	29	106	30	31	15.....	73	90	9	180	43.....	33	93	46	165
30.....	62	78	39	87	3.....	36	37	46	8	16.....	47	129	11	161	44.....	29	63	32	181
31.....	44	82	18	67	4.....	44	62	33	72	17.....	82	107	3	178	45.....	25	51	33	152
32.....	80	75	24	94	5.....	31	87	37	101	Total.2115 4670 967 7696				46.....	40	113	20	217	

VIII.				TaftWilsonDebsR'sercit				TaftWilsonDebsR'sercit				XV.				TaftWilsonDebsR'sercit				
1.....	52	109	23	251	15.....	75	86	56	24	8.....	43	96	32	120	1.....	54	64	57	121	
2.....	34	84	20	173	16.....	61	77	48	39	9.....	51	102	21	110	2.....	44	43	52	118	
3.....	33	61	25	146	17.....	145	96	39	33	10.....	51	136	26	85	3.....	77	69	66	103	
4.....	45	53	73	162	18.....	91	84	60	31	11.....	51	117	24	119	4.....	50	49	73	70	
5.....	23	80	59	223	19.....	62	105	56	45	12.....	42	91	34	131	5.....	60	116	41	107	
6.....	29	59	38	94	20.....	81	110	54	49	13.....	41	88	13	123	6.....	54	80	80	79	
7.....	80	122	44	51	21.....	49	71	46	71	14.....	47	65	17	126	7.....	30	44	57	79	
8.....	103	120	27	31	22.....	61	84	82	44	15.....	71	97	19	143	8.....	37	70	78	71	
9.....	63	71	17	33	23.....	86	87	37	37	16.....	63	123	18	123	9.....	55	60	70	86	
10.....	90	183	41	56	24.....	80	101	40	33	17.....	96	91	95	8	107	10.....	34	33	72	76
11.....	32	49	34	76	25.....	62	87	37	48	18.....	91	210	18	222	11.....	62	58	77	98	
12.....	37	91	41	57	26.....	64	101	86	53	19.....	115	211	17	239	12.....	43	47	74	125	
				Total.1707 1966 1262 1226																
XI.				TaftWilsonDebsR'sercit				TaftWilsonDebsR'sercit				TaftWilsonDebsR'sercit				TaftWilsonDebsR'sercit				
1.....	54	99	46	96	1.....	54	99	46	96	20.....	21	85	134	18	127	1.....	58	49	59	105
2.....	81	73	59	56	2.....	42	108	36	33	21.....	52	119	23	33	15	48	75	79	156	
3.....	42	123	36	33	3.....	63	129	38	52	22.....	58	132	33	34	16	61	82	82	106	
4.....	63	109	38	52	4.....	32	84	35	33	23.....	41	80	14	84	19.....	60	74	77	83	
5.....	32	84	35	33	5.....	33	102	20	10	24.....	45	89	46	91	20.....	49	83	124	83	
6.....	43	102	20	10	6.....	43	107	48	16	25.....	35	69	40	81	22.....	50	86	71	138	
7.....	48	107	48	16	7.....	48	107	48	16	26.....	43	87	38	109	23.....	79	110	58	181	
8.....	49	60	42	72	8.....	49	60	42	72	27.....	67	67	40	73	24.....	65	98	80	274	
9.....	108	50	22	37	9.....	108	50	22	37	28.....	58	76	55	88	25.....	80	60	47	123	
10.....	92	91	17	36	10.....	92	91	17	36	29.....	61	142	53	59	26.....	34	52	53	99	
11.....	46	48	10	9	11.....	46	48	10	9	30.....	64	136	54	64	27.....	33	74	68	108	
12.....	57	100	34	51	12.....	57	100	34	51	31.....	40	109	53	82	28.....	48	63	57	99	
13.....	58	103	42	50	13.....	58	103	42	50	32.....	76	156	34	91	29.....	47	44	66	111	
14.....	51	121	32	36	14.....	51	121	32	36	33.....	59	181	32	92	30.....	47	49	63	92	
15.....	67	82	46	68	15.....	67	82	46	68	34.....	61	137	26	68	31.....	43	51	46	87	
16.....	85	119	41	44	16.....	85	119	41	44	35.....	66	104	42	74	32.....	63	57	108	105	
17.....	27	83	66	82	17.....	27	83	66	82	36.....	80	122	47	81	33.....	34	64	60	108	
18.....	69	69	51	38	18.....	69	69	51	38	37.....	57	172	36	114	34.....	49	85	47	81	
19.....	43	87	63	63	19.....	43	87	63	63	38.....	65	191	38	136	35.....	37	65	57	178	
20.....	45	59	43	24	20.....	45	59	43	24	39.....	89	213	15	203	36.....	40	47	70	123	
21.....	44	56	57	68	21.....	44	56	57	68	40.....	95	152	23	149	37.....	33	58	78	113	
22.....	52	67	38	54	22.....	52	67	38	54	41.....	89	240	14	103	38.....	29	37	89	191	
23.....	96	202	28	82	23.....	96	202	28	82	42.....	96	202	28	82	39.....	47	64	86	143	
				Total.1739 2634 1624 3311																
IX.				TaftWilsonDebsR'sercit				TaftWilsonDebsR'sercit				TaftWilsonDebsR'sercit				TaftWilsonDebsR'sercit				
1.....	20	102	37	112	1.....	20	102	37	112	1.....	20	102	37	112	1.....	20	102	37	112	
2.....	35	77	77	173	2.....	35	77	77	173	2.....	35	77	77	173	2.....	35	77	77	173	

Total. 1739 2634 1624 3311

Total. 2791 5576 1413 4950

Total. 1847 2646 2706 4589

Total. 999 2341 1605 4915

Total. 1946 2131 1058 1355

Total. 1852 3576 1790 3992

Taft Wilson Debs R'severst				Taft Wilson Debs R'severst				Taft Wilson Debs R'severst				Taft Wilson Debs R'severst							
13.....	61	30	26	57	13.....	52	47	8	86	43.....	25	98	28	41	40.....	44	96	45	141
14.....	44	48	40	44	14.....	60	68	26	38	44.....	26	134	31	64	41.....	47	67	41	86
15.....	59	31	28	50	15.....	58	132	30	38	45.....	24	103	24	61	42.....	57	86	44	111
16.....	38	44	21	38	16.....	87	195	52	49	46.....	47	106	38	72	43.....	41	72	25	128
17.....	47	30	32	36	17.....	58	98	30	64	47.....	28	93	46	57	44.....	29	111	13	107
18.....	36	45	37	67	18.....	56	101	16	31	48.....	27	193	42	63	45.....	24	117	34	83
19.....	60	47	37	66	19.....	46	110	40	24	49.....	72	48	35	54	46.....	42	107	33	128
20.....	68	28	38	59	20.....	56	104	43	8						47.....	31	82	44	87
21.....	35	78	31	52	21.....	68	118	27	28	Total.2211 4736 1320 4149				Total.2059 3899 1510 6616					
22.....	54	65	44	48	22.....	62	93	44	73	XXII.				XXIV.					
23.....	72	45	33	67	23.....	110	48	36	94	1.....	45	62	40	41	1.....	42	100	69	59
24.....	82	53	17	58	24.....	43	88	54	47	2.....	40	95	50	62	2.....	43	93	54	72
25.....	63	68	15	94	25.....	67	89	55	62	3.....	20	71	59	49	3.....	37	167	61	70
26.....	67	42	22	56	26.....	53	93	41	80	4.....	32	46	56	62	4.....	30	140	55	47
27.....	43	52	25	33	27.....	63	82	32	87	5.....	22	84	63	60	5.....	29	90	61	71
28.....					28.....	114	49	53	72	6.....	26	71	46	69	6.....	35	125	75	110
Total.1577 1453 814 1536				Total.1664 2364 815 1506				Total.2211 4736 1320 4149				Total.2059 3899 1510 6616							
XVIII.				XX.				XXII.				XXIV.							
1.....	40	47	12	19	1.....	62	64	21	20	1.....	45	62	40	41	1.....	42	100	69	59
2.....	46	59	23	36	2.....	86	50	30	13	2.....	40	95	50	62	2.....	43	93	54	72
3.....	42	89	38	63	3.....	89	69	32	39	3.....	20	71	59	49	3.....	37	167	61	70
4.....	70	26	53	10	4.....	39	107	30	22	4.....	32	46	56	62	4.....	30	140	55	47
5.....	39	100	13	50	5.....	100	70	26	39	5.....	22	84	63	60	5.....	29	90	61	71
6.....	54	95	64	86	6.....	77	71	34	27	6.....	21	51	61	58	6.....	35	125	75	110
7.....	43	94	48	52	7.....	87	84	28	15	7.....	26	71	46	69	7.....	51	167	90	151
8.....	28	61	44	72	8.....	40	31	4	18	8.....	22	78	66	80	8.....	52	92	111	95
9.....	39	83	45	61	9.....	59	90	36	33	9.....	38	103	64	88	9.....	48	69	126	126
10.....	35	82	58	51	10.....	68	95	24	38	10.....	37	90	99	64	10.....	33	89	97	74
11.....	44	139	50	28	11.....	65	91	37	45	11.....	41	90	53	59	11.....	44	102	82	84
12.....	27	71	30	39	12.....	69	69	74	38	12.....	33	99	30	49	12.....	34	138	58	102
13.....	22	160	29	32	13.....	58	83	51	73	13.....	35	108	40	58	13.....	43	76	56	88
14.....	32	74	15	26	14.....	56	112	40	47	14.....	31	37	35	39	14.....	43	80	50	119
15.....	17	125	32	58	15.....	83	100	35	43	15.....	39	90	59	39	15.....	48	137	51	70
16.....	18	106	32	31	16.....	46	88	31	41	16.....	19	52	68	59	16.....	39	112	25	74
17.....	41	113	23	57	17.....	60	92	30	36	17.....	27	75	69	40	17.....	60	114	49	77
18.....	28	137	41	32	18.....	89	96	48	10	18.....	43	69	53	53	18.....	78	75	26	53
19.....	39	102	33	16	19.....	95	44	46	29	19.....	34	113	29	56	19.....	39	76	65	73
20.....	20	111	48	23	20.....	54	87	30	40	20.....	25	58	60	49	20.....	37	120	28	34
21.....	42	87	46	45	21.....	52	50	17	78	21.....	17	62	52	50	21.....	51	104	20	95
22.....	34	111	57	55	22.....	53	50	18	37	22.....	31	73	49	68	22.....	42	162	26	87
23.....	22	132	21	29	Total.1517 1693 722 781				Total.1181 2537 1765 2248				Total.1440 3500 2178 3264						
24.....	35	150	50	61	1.....	65	101	23	115	1.....	76	112	11	195	1.....	28	78	41	160
25.....	24	73	57	67	2.....	54	109	28	143	2.....	75	112	18	202	2.....	50	101	11	173
26.....	33	92	46	73	3.....	52	91	35	18	3.....	57	84	29	172	3.....	41	84	25	165
27.....	47	78	53	65	4.....	57	123	21	143	4.....	44	103	39	167	4.....	32	76	25	182
28.....	72	100	59	117	5.....	34	66	20	54	5.....	47	80	22	147	5.....	53	82	13	158
29.....	44	123	32	181	6.....	36	85	36	64	6.....	53	102	42	138	6.....	36	91	32	123
30.....	58	121	45	119	7.....	48	97	31	74	7.....	51	91	38	151	7.....	49	102	19	146
31.....	35	94	37	71	8.....	47	130	46	60	8.....	43	99	33	160	8.....	56	109	14	170
32.....	53	88	51	91	9.....	54	106	49	89	9.....	54	92	49	122	9.....	61	84	6	147
33.....	37	107	41	108	10.....	44	72	18	79	10.....	24	92	29	145	10.....	67	104	3	168
34.....	39	93	36	34	11.....	67	105	15	126	11.....	30	63	39	109	11.....	48	122	19	173
35.....	49	86	32	95	12.....	51	87	12	101	12.....	26	77	33	143	12.....	77	89	3	210
36.....	65	91	30	69	13.....	70	79	1	107	13.....	35	61	24	169	13.....	53	108	18	189
37.....	35	93	25	77	14.....	51	95	18	127	14.....	77	122	81	287	14.....	12	19	—	36
38.....	35	92	26	104	15.....	38	91	13	109	15.....	44	85	35	157	15.....	43	84	4	134
39.....	63	79	33	114	16.....	38	83	31	93	16.....	49	62	4	92	16.....	83	162	1	263
40.....	44	83	26	128	17.....	44	86	18	89	17.....	53	91	20	186	17.....	64	122	7	205
41.....	53	77	40	86	18.....	66	93	23	114	18.....	70	76	5	159	18.....	59	113	3	190
42.....	50	75	30	93	19.....	93	90	2	85	19.....	53	91	28	138	19.....	77	101	5	211
43.....	71	96	33	157	20.....	52	107	10	93	20.....	39	65	35	173	20.....	72	116	3	327
44.....	63	83	20	102	21.....	66	108	22	53	21.....	22	55	48	197	21.....	87	107	6	237
45.....	54	93	46	100	22.....	47	42	22	93	22.....	31	56	50	126	22.....	60	100	21	244
46.....	57	102	41	114	23.....	45	101	30	82	23.....	38	42	58	156	23.....	60	128	11	226
47.....	56	95	35	91	24.....	35	87	42	103	24.....	24	49	53	136	24.....	88	122	4	258
48.....	89	49	38	83	25.....	38	68	32	63	25.....	54	63	22	144	25.....	85	101	—	220
49.....	96	71	35	68	26.....	34	94	31	70	26.....	55	90	13	211	26.....	47	89	11	225
50.....	82	52	42	58	27.....	43	102	29	58	27.....	25	41	34	145	27.....	61	121	5	249
51.....	115	70	50	60	28.....	30	31	42	60	28.....	19	43	50	135	28.....	65	134	22	318
52.....	71	45	50	73	29.....	29	130	30	56	29.....	22	64	14	115	29.....	42	83	29	140
53.....	62	66	20	92	30.....	27	85	27	58	30.....	47	99	28	136	30.....	86	155	13	313
Total.2460 4896 1998 3828				31.....				32.....				33.....				34.....			
XIX.				32.....				33.....				34.....				35.....			
1.....	44	38	9	29	32.....	35	87	42	103	32.....	54	63	22	144	32.....	115	112	4	262
2.....	46	116	25	20	33.....	38	68	32	63	33.....	55	90	13	211	33.....	121	182	9	334
3.....	51	93	35	69	34.....	43	102	29	58	34.....	30	25	39	43	34.....	61	131	5	249
4.....	114	64	17	81	35.....	28	85	35	74	35.....	34	74	31	112	35.....	87	121	1	101
5.....	80	41	5	47	36.....	30	31	42	60	36.....	19	43	50	135	36.....	85	134	22	318
6.....	53	59	15	79	37.....	29	130	30	56	37.....	22	64	14	115	37.....	42	83	29	140
7.....	52	63	9	72	38.....	27	85	27	58	38.....	47	99	28	136	38.....	86	155	13	313
8.....	48	63	9	70	39.....	49	138	40	124	39.....	33	109	28	123	39.....	115	112	4	262
9.....	18	86	22	1															

	Taft	Wilson	Debs	R's	Secret
39.....	69	121	24	182	
40.....	44	66	8	144	
41.....	103	128	1	264	
42.....	51	98	3	158	
43.....	30	79	11	129	

Total. 2700 4607 479 8938

XXVI.					
1.....	71	71	75	68	
2.....	32	72	90	107	
3.....	39	94	50	155	
4.....	37	114	55	136	
5.....	46	96	34	148	
6.....	19	89	35	149	
7.....	36	85	56	134	
8.....	37	106	38	186	
9.....	50	89	47	154	
10.....	33	72	26	154	
11.....	45	77	38	148	
12.....	29	77	34	140	
13.....	42	102	60	193	
14.....	79	188	92	192	
15.....	95	142	32	205	
16.....	55	121	63	155	
17.....	45	83	36	203	
18.....	60	93	12	228	
19.....	51	95	14	202	
20.....	50	84	10	178	
21.....	45	130	40	294	
22.....	35	72	39	112	
23.....	53	127	32	240	
24.....	31	106	16	222	
25.....	59	111	15	197	
26.....	58	111	14	177	
27.....	41	106	7	187	
28.....	57	112	28	247	
29.....	34	56	50	197	
30.....	64	145	49	250	
31.....	32	114	69	195	
32.....	36	81	32	194	
33.....	55	75	35	197	
34.....	70	138	36	177	
35.....	35	130	27	149	
36.....	32	113	9	91	
37.....	45	107	24	118	
38.....	40	110	72	118	
39.....	67	131	84	184	

Total. 1908 4105 1571 7288

XXVII.					
1.....	64	120	30	263	
2.....	22	42	16	100	
3.....	20	62	30	190	
4.....	44	108	48	216	
5.....	52	88	98	189	
6.....	41	78	87	154	
7.....	40	92	131	167	
8.....	37	86	26	243	
9.....	28	70	84	146	
10.....	45	97	31	108	
11.....	44	96	104	110	
12.....	47	89	78	207	
13.....	34	63	67	121	
14.....	47	106	104	175	
15.....	58	110	81	270	
16.....	56	69	119	187	
17.....	36	85	116	163	
18.....	31	79	20	109	
19.....	54	103	3	256	
20.....	51	67	125	178	
21.....	51	144	41	282	
22.....	55	68	100	145	
23.....	63	61	96	138	
24.....	43	111	114	132	
25.....	36	71	101	153	
26.....	46	77	111	227	
27.....	38	105	97	142	
28.....	39	106	96	134	
29.....	47	76	94	110	
30.....	21	34	58	77	
31.....	45	88	65	175	
32.....	43	64	104	120	
33.....	83	83	81	130	
34.....	58	74	61	111	
35.....	57	119	93	117	

	Taft	Wilson	Debs	R's	Secret
36.....	92	89	114	145	
37.....	47	85	66	170	

Total. 1738 3165 2899 5967

XXVIII.					
1.....	49	81	56	68	
2.....	52	92	60	123	
3.....	30	46	79	73	
4.....	30	75	101	77	
5.....	42	65	86	116	
6.....	36	55	66	116	
7.....	21	51	68	141	
8.....	36	54	55	165	
9.....	24	60	73	103	
10.....	37	64	105	132	
11.....	22	59	89	102	
12.....	30	56	67	82	
13.....	39	47	63	62	
14.....	42	115	58	62	
15.....	75	72	68	103	
16.....	51	72	65	108	
17.....	137	76	65	88	
18.....	96	74	40	55	
19.....	69	58	22	41	
20.....	149	81	18	13	
21.....	109	71	89	68	
22.....	96	104	63	53	
23.....	59	79	75	151	
24.....	59	59	96	160	
25.....	73	77	75	113	
26.....	40	57	70	79	
27.....	37	57	76	106	
28.....	35	82	45	121	
29.....	47	61	47	124	
30.....	45	79	47	126	
31.....	38	79	31	165	
32.....	42	69	46	142	
33.....	67	78	44	136	
34.....	49	75	56	123	
35.....	44	70	84	122	
36.....	33	59	74	87	
37.....	13	43	72	41	
38.....	26	88	76	95	

Total. 1959 2630 2471 3853

XXIX.					
1.....	45	61	8	40	
2.....	40	92	43	54	
3.....	37	103	36	48	
4.....	82	55	22	74	
5.....	67	71	36	58	
6.....	92	54	22	52	
7.....	95	66	49	20	
8.....	64	82	97	52	
9.....	105	98	61	80	
10.....	77	126	112	83	
11.....	65	97	51	42	
12.....	49	106	42	73	
13.....	41	105	31	53	
14.....	56	168	47	67	
15.....	56	119	40	74	
16.....	54	127	70	90	
17.....	45	93	72	90	
18.....	44	139	70	54	
19.....	59	124	114	62	
20.....	56	101	84	87	
21.....	43	52	57	93	
22.....	66	108	88	193	
23.....	59	90	44	180	
24.....	44	103	75	134	
25.....	141	186	125	161	
26.....	43	80	79	153	
27.....	55	102	72	149	
28.....	51	107	67	127	
29.....	45	97	78	69	
30.....	38	147	58	104	

Total. 1814 3059 1846 2648

XXX.					
1.....	59	65	34	140	
2.....	53	88	66	89	
3.....	71	62	34	107	
4.....	60	88	32	46	
5.....	56	118	52	104	
6.....	68	152	23	18	
7.....	36	124	29	18	

	Taft	Wilson	Debs	R's	Secret
8.....	41	159	24	36	
9.....	60	159	24	33	
10.....	69	143	27	48	
11.....	65	137	15	24	
12.....	49	156	34	37	
13.....	56	100	37	64	
14.....	53	126	43	69	
15.....	41	124	55	69	
16.....	53	160	42	46	
17.....	62	140	29	29	
18.....	18	116	21	76	
19.....	26	67	33	49	
20.....	31	19	32	159	
21.....	78	31	3	135	
22.....	103	65	7	139	
23.....	81	18	7	175	
24.....	83	28	5	124	
25.....	38	76	21	91	
26.....	29	89	46	100	
27.....	40	60	25	102	
28.....	38	289	44	47	
29.....	50	82	24	54	
30.....	56	109	20	42	
31.....	43	156	26	83	
32.....	44	169	17	64	
33.....	31	115	24	49	
34.....	37	125	43	51	
35.....	52	94	37	67	
36.....	48	109	31	70	
37.....	43	192	15	73	

Total. 1921 4177 1068 2627

XXXI.					
1.....	44	113	20	102	
2.....	55	104	27	98	
3.....	29	93	9	74	
4.....	55	144	33	112	
5.....	55	111	42	125	
6.....	58	118	28	74	
7.....	42	110	21	106	
8.....	43	83	16	135	
9.....	41	95	24	138	
10.....	44	71	11	143	
11.....	39	63	20	111	
12.....	51	60	9	153	
13.....	45	114	22	153	
14.....	44	109	24	128	
15.....	35	67	35	155	
16.....	51	76	31	94	
17.....	29	100	25	71	
18.....	61	137	30	132	
19.....	64	164	17	94	
20.....	72	222	10	147	
21.....	82	131	31	222	
22.....	34	73	43	108	
23.....	41	112	41	142	
24.....	52	44	59	137	
25.....	45	50	46	94	
26.....	40	61	35	114	
27.....	34	39	68	156	
28.....	51	173	28	106	
29.....	58	193	29	136	
30.....	71	166	41	131	
31.....	65	56	52	198	
32.....	76	58	44	140	
33.....	31	96	47	124	
34.....	42	111	53	144	
35.....	47	96	59	167	
36.....	47	90	66	125	
37.....	44	49	36	113	
38.....	52	121	80	149	
39.....	52	92	47	99	
40.....	45	137	43	135	

Total. 1941 4102 1402 5091

Total. 1941 4102 1402 5091					
XXXII.					
1.....	50	91	21	114	
2.....	64	77	3	169	
3.....	43	74	8	170	
4.....	28	76	12	203	
5.....	47	80	15	202	
6.....	31	42	30	108	
7.....	38	86	38	126	
8.....	36	76	23	151	
9.....	41	105	38	174	
10.....	61	114	59	191	

XXXIV. Taft Wilson Debs/R/sevelt				Taft Wilson Debs/R/sevelt				Taft Wilson Debs/R/sevelt				Ward		Chafin		Reimer	
1.....	85	103	73	90	33.....	64	75	144	167	28.....	68	152	37	134	6.....	99	41
2.....	87	84	65	78	34.....	74	130	171	112	29.....	60	77	29	105	7.....	134	50
3.....	80	91	67	75						30.....	65	159	46	105	8.....	29	39
4.....	59	81	48	86						31.....	44	128	43	125	9.....	38	42
5.....	82	128	36	83						32.....	83	173	23	114	10.....	33	51
6.....	98	131	58	110						33.....	55	116	23	138	11.....	41	63
7.....	98	153	60	143						34.....	68	150	35	139	12.....	36	60
8.....	97	87	100	121						35.....	62	142	43	123	13.....	58	41
9.....	137	106	79	137						36.....	49	110	38	138	14.....	53	54
10.....	90	127	31	139						37.....	85	175	25	151	15.....	37	77
11.....	72	54	38	38						38.....	85	108	22	164	16.....	37	44
12.....	99	92	32	76						39.....	52	180	53	75	17.....	23	32
13.....	116	71	34	72						40.....	38	125	83	89	18.....	162	122
14.....	104	69	50	108											19.....	25	27
15.....	58	96	31	107											20.....	25	27
16.....	65	97	40	99											21.....	160	112
17.....	96	131	47	133											22.....	32	59
18.....	76	128	15	125											23.....	66	37
19.....	73	173	46	109											24.....	40	86
20.....	60	144	23	119											25.....	94	44
21.....	82	132	42	107											26.....	26	58
22.....	63	143	98	87											27.....	77	99
23.....	89	173	53	177											28.....	50	69
24.....	80	281	53	113											29.....	42	84
25.....	46	83	103	109											30.....	49	51
26.....	62	113	85	156											31.....	130	89
27.....	60	150	83	60											32.....	174	93
28.....	60	92	56	87											33.....	87	74
29.....	70	116	39	158											34.....	49	61
30.....	87	142	108	118											35.....	43	95
31.....	98	108	132	105													
32.....	72	148	104	127													

XXXV. Taft Wilson Debs/R/sevelt				Taft Wilson Debs/R/sevelt				Taft Wilson Debs/R/sevelt				Ward		Chafin		Reimer	
1.....	37	49	43	132	2.....	37	51	73	132	3.....	41	61	101	201	4.....	101	201
2.....	37	51	73	132	3.....	31	65	44	124	35.....	62	142	43	123	36.....	49	110
3.....	31	65	44	124	36.....	33	67	93	142	36.....	49	110	38	138	37.....	85	175
4.....	39	70	124	124	37.....	39	62	89	104	38.....	85	108	22	164	39.....	52	180
5.....	39	62	89	104	38.....	35	65	100	128	40.....	38	125	83	89	41.....	38	125
6.....	39	62	89	104	39.....	36	78	89	159								
7.....	39	62	89	104	40.....	36	78	89	159								
8.....	39	62	89	104													
9.....	39	62	89	104													
10.....	39	62	89	104													
11.....	39	62	89	104													
12.....	39	62	89	104													
13.....	39	62	89	104													
14.....	39	62	89	104													
15.....	39	62	89	104													
16.....	39	62	89	104													
17.....	39	62	89	104													
18.....	39	62	89	104													
19.....	39	62	89	104													
20.....	39	62	89	104													
21.....	39	62	89	104													
22.....	39	62	89	104													
23.....	39	62	89	104													
24.....	39	62	89	104													
25.....	39	62	89	104													
26.....	39	62	89	104													
27.....	39	62	89	104													
28.....	39	62	89	104													
29.....	39	62	89	104													
30.....	39	62	89	104													
31.....	39	62	89	104													
32.....	39	62	89	104													

Taft Wilson Debs/R/sevelt			
Barrington	43	47	15
Berwyn	224	275	272
Bloom	503	845	313
Bremen	94	97	16
Calumet	314	604	94
Elk Grove.....	74	36	—
Evanson(pct.) ..	10	50	2
Hanover	52	47	12
Lemont	215	260	5
Leyden	113	136	61
Lyons	372	527	122
Maine	247	333	49
New Trier.....	502	822	82

GOVERNOR.

Nominees: Charles S. Deneen, republican; Edward F. Dunne, democrat; Edwin R. Worrell, prohibition; John C. Kennedy, socialist; John M. Francis, social-democrat; Frank H. Funk, progressive.

Ward Deneen Dunne Kennedy Funk Worrell			
1.....	2373	4757	674
2.....	4169	4544	603
3.....	4365	5383	473
4.....	1309	4678	1125
5.....	1391	4889	1194
6.....	5569	4678	305
7.....	4344	5021	860
8.....	2053	3481	1498
9.....	1820	2838	1578
10.....	1382	2889	1161
11.....	1556	3615	1213
12.....	1875	4392	1700
13.....	3247	7405	1226
14.....	2339	4751	1615
15.....	2706	3756	2607
16.....	1781	3297	975
17.....	1432	2872	738
18.....	2940	6004	1842
19.....	1456	3323	750
20.....	1189	2468	688
21.....	2870	5533	1195
22.....	1236	2440	1629
23.....	3827	7444	1435
24.....	1873	4540	2010
25.....	5158	5288	456
26.....	3507	5040	1552
27.....	3003	4490	2874

Taft Wilson Debs/R/sevelt			
Niles	227	174	23
Northfield	97	136	46
Norwood Park ..	57	43	22
Oak Park	840	1183	229
Orland	73	28	3
Palatine	73	137	3
Palos	81	61	6
Proviso	724	1390	632
Ridge	45	80	12
Riverdale	908	1218	139
Riverside	71	151	24
Schaumburg	23	53	—
Stickney	19	32	3

Ward Deneen Dunne Kennedy Funk Worrell			
28.....	2488	3799	2436
29.....	2205	4196	1616
30.....	2165	5186	916
31.....	3449	5264	1200
32.....	4698	5107	1237
33.....	4019	4221	2357
34.....	3117	5499	2108
35.....	2766	6363	2545
City. 95677 157051 48432 95991 2865			
Cicero 600 791 544 — 775 20			
Towns 12301 10646 2544 16591 308			
TL..108578 168488 51520 113357 3193			
Francis received a total of 2,305 votes.			

STATE'S ATTORNEY.

Ward Rinsaker Hoynes Cunnea Haight Hill			
1.....	2192	4414	1449
2.....	4293	3869	1309
3.....	4707	5086	1216
4.....	1433	2594	3129
5.....	1288	2920	3251
6.....	5795	4923	832
7.....	4652	4442	1920
8.....	2414	2556	2599
9.....	2043	2278	2223
10.....	1404	1793	2378
11.....	1545	2412	2628
12.....	1648	3344	3147
13.....	3849	4610	3947
14.....	2776	2695	3774

Taft Wilson Debs/R/sevelt			
Thornton	630	1030	438
Wheeling	70	211	12
Worth	294	517	81

Total

6992 10493 2700 21669

SUMMARY.

City. Towns. Total.			
Taft, Rep.....	67,859	6,992	74,851
Wilson, Dem.....	120,209	10,493	130,702
Debs, Soc.....	49,959	2,700	52,659
Roos' vet, Prog.....	144,392	21,669	166,061
Chafin, Pro.....	2,403	334	2,737
Reimer, S.-L.....	2,171	129	2,300

Ward Rinsaker			
15.....	2408	2459	4750
16.....	1901	2064	2072
17.....	1493	1042	1649
18.....	3007	3953	4201
19.....	1455	2299	1767
20.....	1164	1655	1563
21.....	3401	4326	2348
22.....	1393	2221	2842
23.....	4462	3568	2838
24.....	2002	2939	3716
25.....	6805	4547	1115
26.....	3851	3773	3026
27.....	2931	2879	5162
28.....	2346	2319	4495
29.....	1980	2516	3545
30.....	2032	3383	3024
31.....	2958	3649	3350
32.....	4641	3908	3041
33.....	3952	2767	4787
34.....	2807	3749	4707
35.....	2777	4118	5147
City. 99621 122247 102801 77919			
Cicero 652 457 912 698			
Towns 12908 9715 3904 14877			
TL..113181 122419 107647 93495			

PRESIDENT COUNTY BOARD.

Ward McCormick Barten Koop Stehman			
1.....	2884	4566	713
2.....	5697	3690	645

Ward	McCormick	Bartzen	Koop	Stehman
3.....	7017	4801	489	57
4.....	1617	4099	1116	59
5.....	1759	4514	1284	40
6.....	8876	4024	385	108
7.....	7531	4433	980	140
8.....	3077	2977	1640	44
9.....	3010	2756	1849	81
10.....	1872	2364	114	45
11.....	1927	3369	1284	52
12.....	2335	3996	1655	40
13.....	5425	6195	1328	47
14.....	3798	3924	1771	52
15.....	3739	3120	2712	50
16.....	2144	2848	1061	33
17.....	1844	1882	782	47
18.....	4164	5316	1910	141
19.....	1678	3101	759	37
20.....	1428	2225	663	34
21.....	4672	4841	1250	163
22.....	1683	3039	1662	68
23.....	6259	4203	1551	69
24.....	2660	4108	2186	39
25.....	9394	4457	509	111
26.....	9582	4587	1238	193
27.....	4713	4041	2962	85
28.....	3648	3293	2524	78
29.....	2510	3527	1737	68
30.....	2745	4565	950	64
31.....	4222	4539	1394	149
32.....	6719	4543	1413	184
33.....	6596	3471	2666	113
34.....	4086	4852	2198	63
35.....	4343	5186	2769	60
City	142024	137457	51566	2817
Cicero	921	650	562	14
Towns	19410	10021	2722	32
Total	162355	148128	54920	3159

RECORDER.

Nominees: John C. Cannon, republican; Joseph F. Conery, democrat; W. R. Van Sant, prohibition; Bernard McMahon, socialist; Walter Willis, progressive.

Ward	Cannon	Conery	McMahon	Willis	Van Sant
1.....	2316	4228	776	2012	81
2.....	4057	3403	671	4351	100
3.....	4322	4967	564	4157	64
4.....	1548	3522	1235	1273	48
5.....	1422	4027	1405	1375	41
6.....	5337	4442	433	4327	103
7.....	3960	4694	1085	5093	136
8.....	1943	2753	1665	2932	36
9.....	1655	2476	1725	3647	65
10.....	1638	2068	1208	890	30
11.....	1693	1876	1356	1272	47
12.....	1801	3632	1750	1532	39
13.....	3491	6161	1451	3255	62
14.....	2124	4396	1881	2849	55
15.....	2324	2994	2743	3050	43
16.....	2071	2422	1114	1048	29
17.....	1549	1685	819	1158	25
18.....	3009	4933	2025	2457	160
19.....	1603	2574	781	1074	38
20.....	1476	1810	691	582	21
21.....	3153	4657	1344	2809	167
22.....	1419	2611	1798	1734	33
23.....	3974	3951	1579	4034	70
24.....	2175	3427	2322	2162	38
25.....	5772	4638	544	5282	130
26.....	4404	3695	1670	4039	164
27.....	2659	3492	3095	3696	96
28.....	2425	3014	2605	3235	59
29.....	2013	3275	1784	1888	59
30.....	2107	4267	1091	1803	49
31.....	2765	4375	1443	3254	129
32.....	4061	4368	1565	4355	252
33.....	3552	3482	2711	5036	125
34.....	2972	4407	2365	2403	58
35.....	2620	5120	2831	3290	58
City	95407	128752	56125	97877	2710
Cicero	656	557	583	921	20
Towns	11721	10061	2823	17308	371
T'l.	107784	139370	59531	116106	3101

CORONER.

Nominees: Peter M. Hoffman, republican; Dennis J. Egan, democrat; John R. Boynton, prohibition; J. W. Zeh, socialist; E. F. Napieralski, progressive.

Ward	Hoffman	Egan	Zeh	Napieralski	Boyn'n
1.....	2649	4208	728	1833	77
2.....	4711	3255	640	4061	101
3.....	5571	4502	533	3571	64
4.....	1664	3709	1154	1204	46
5.....	1622	4057	1346	1259	46
6.....	6896	3552	404	3733	144
7.....	5394	4224	1026	2525	41
8.....	2820	2635	1636	2252	41
9.....	2293	2342	1644	3200	54
10.....	1736	2196	1160	959	32
11.....	1978	2645	1261	1506	40
12.....	2056	3424	1700	1670	38
13.....	4264	5901	1382	2810	69
14.....	2928	3709	1818	2662	56
15.....	3204	2546	2693	2802	61
16.....	2170	2228	1075	1255	30
17.....	1725	1484	812	1279	22
18.....	3662	4762	1968	2181	148
19.....	1810	2596	766	997	37
20.....	1537	2162	605	478	25
21.....	4024	4243	1230	2648	168
22.....	1808	2484	1762	1570	34
23.....	5395	3412	1520	3531	75
24.....	2697	3289	2229	1974	38
25.....	7365	3911	1522	4518	110
26.....	5079	3480	1659	3576	167
27.....	4063	2947	2973	3502	94
28.....	3249	2538	2534	2792	54
29.....	2385	3123	1826	1810	65
30.....	2412	4291	1024	1696	46
31.....	3536	4229	1398	2864	140
32.....	4471	4068	1409	4095	185
33.....	5273	2886	2642	4193	118
34.....	3730	4151	2308	2351	55
35.....	3724	4840	2743	2783	62

City	120961	120363	52184	87870	2631
Cicero	722	529	561	932	18
Towns	16654	8424	2613	13765	394
T'l.	138277	123316	55358	102567	3043

SUPERIOR COURT CLERK.

Nominees: Charles W. Vail, republican; Richard J. McGrath, democrat; J. G. Olson, prohibition; Louis Engdahl, socialist; Lawrence Nelson, progressive.

Ward	Vail	McGrath	Engdahl	Nelson	Olson
1.....	2357	4125	570	2052	87
2.....	4337	3180	644	4342	110
3.....	4548	4629	551	4250	61
4.....	1550	3406	1209	1258	52
5.....	1393	4009	1369	1381	46
6.....	5400	3930	411	4762	120
7.....	4039	4385	1046	5280	165
8.....	2197	2769	1649	2615	42
9.....	1969	2413	1685	3527	64
10.....	1672	2113	1192	921	32
11.....	1705	2845	1343	1277	47
12.....	1837	3536	1748	1603	48
13.....	3590	5941	1414	3330	68
14.....	2485	3803	1809	2894	56
15.....	2450	2813	2717	3085	55
16.....	2028	2372	1090	1086	27
17.....	1489	2089	765	1059	26
18.....	3113	4837	1268	2432	162
19.....	1687	2473	780	1073	36
20.....	1348	1947	678	564	24
21.....	3055	4561	1315	2899	179
22.....	1376	2686	1755	1692	40
23.....	3966	3705	1538	4245	78
24.....	1993	3478	2291	2249	49
25.....	5337	4204	544	5800	161
26.....	3530	3852	1700	4467	207
27.....	2731	3256	3098	4174	107
28.....	2617	2749	2599	2890	68
29.....	2415	3112	1873	1808	79
30.....	2153	4201	1020	1749	48
31.....	2948	4242	1393	3217	154

Ward	Vail	McGrath	Engdahl	Nelson	Olson
32.....	4963	4082	1392	4629	215
33.....	3690	3130	2698	5250	137
34.....	3128	4235	2410	2446	66
35.....	2661	4946	2301	3375	69

City	97760	124055	53211	99652	2985
Cicero	654	548	574	923	22
Towns	11977	9356	2705	16850	428
Tot'l.	110391	133959	56490	117425	3435

CIRCUIT COURT CLERK.

Nominees: Joseph E. Bidwill, Jr., republican; John W. Rainey, democrat; A. E. Coleman, prohibition; Joseph F. Uhlenbrock, socialist; William W. Carnes, progressive.

Ward	Bidwill	Rainey	Uhlenbrock	Carnes	Coleman
1.....	2411	4206	749	2000	85
2.....	4381	3349	654	4240	100
3.....	4689	4878	550	3997	61
4.....	1561	3756	1186	1189	47
5.....	1235	4777	1228	1251	40
6.....	5877	4151	383	4261	108
7.....	4162	4634	1045	4986	141
8.....	2060	2940	1665	2649	38
9.....	1744	2452	1727	3608	63
10.....	2399	1837	1179	769	33
11.....	2344	2610	1269	1142	44
12.....	2065	3534	1298	1523	39
13.....	4418	5485	1595	3095	59
14.....	2531	3302	1896	2839	47
15.....	2525	3831	2742	3014	44
16.....	2035	2423	1114	1013	31
17.....	1617	1595	782	1168	26
18.....	3463	4689	1998	2355	169
19.....	1909	2368	757	1040	36
20.....	1712	1713	648	530	23
21.....	3220	4599	1311	2785	166
22.....	1444	2674	1783	1695	38
23.....	4249	3899	1541	3981	70
24.....	2007	3522	2331	2277	40
25.....	6495	4103	554	6120	130
26.....	3683	3934	1719	4175	200
27.....	2913	3281	3068	3984	98
28.....	2678	2827	2613	2816	56
29.....	2172	3284	1877	1837	56
30.....	2179	4398	1021	1740	48
31.....	2920	4457	1441	3064	146
32.....	4271	4322	1449	4746	193
33.....	4011	3207	2693	4925	175
34.....	3730	4036	2835	2292	63
35.....	3403	4705	2801	3165	56

City	104507	125390	53326	95268	2714
Cicero	679	550	572	901	18
Towns	12845	9542	2672	16331	370
Tot'l.	117671	135486	56570	112500	3102

CHIEF JUSTICE MUNICIPAL COURT.

Nominees: Harry Olson, republican; Spencer Ward, democrat; Orpheus A. Harding, prohibition; Henry E. Murphy, socialist.

Ward	Olson	Ward	Murphy	Harding
1.....	2778	4068	745	73
2.....	5170	3162	645	97
3.....	6330	4571	542	61
4.....	1688	3369	1160	50
5.....	1742	3922	1355	41
6.....	5172	3720	433	87
7.....	6808	4228	974	125
8.....	3021	2694	1641	35
9.....	2936	2355	1677	46
10.....	1778	1991	1164	33
11.....	1904	2519	1328	45
12.....	2169	3447	1696	34
13.....	4804	5623	1379	56
14.....	3357	3579	1772	50
15.....	2635	2654	1043	38
16.....	2120	2321	1048	38
17.....	1713	1562	780	22
18.....	3961	4540	2010	14

Ward	Olson	Ward	Murphy	Harding
19.....	1690	2480	767	34
20.....	1489	1800	632	24
21.....	4190	4218	1324	154
22.....	1757	2599	1762	38
23.....	5904	3606	1576	71
24.....	2615	3493	2267	50
25.....	8944	4080	520	111
26.....	5536	3922	1685	165
27.....	4180	3727	3013	80
28.....	3559	2660	2535	54
29.....	2441	3184	1280	50
30.....	2485	4169	1039	43
31.....	3999	4121	1327	158
32.....	6230	4139	1438	200
33.....	6242	3005	2684	104
34.....	3726	4189	2269	52
35.....	4158	4714	2754	57

Total 133055 119080 52415 2532

MUNICIPAL COURT CLERK.

Nominees: Leland S. Rapp, republican; Frank P. Danisch, democrat; John E. Larson, prohibition; Harvey P. Moyer, socialist; Wilkie C. Lumb, progressive.

Ward	Rapp	Danisch	Moyer	Lumb	Larson
1.....	2580	4036	719	1954	73
2.....	4504	3166	649	4145	100
3.....	4974	4628	527	3777	72
4.....	1559	3623	1115	1090	48
5.....	1526	3992	1326	1319	45
6.....	5926	4017	422	4127	96
7.....	4537	4374	994	4532	153
8.....	2311	2951	1609	2359	55
9.....	1859	2502	1684	3411	72
10.....	1595	2359	1104	768	66
11.....	1576	3152	1288	1071	60
12.....	1660	4333	1638	1278	40
13.....	5211	5022	1337	2643	61
14.....	3419	3381	1755	2561	50
15.....	2677	2982	2638	2728	53
16.....	1683	3241	999	787	32
17.....	1446	2073	761	1359	28
18.....	5366	3811	1793	1347	136
19.....	1392	2411	754	943	36
20.....	3420	4407	1322	2601	200
21.....	1548	2650	1746	1598	42
22.....	4577	3746	1523	3687	89
23.....	2082	3603	2243	2060	47
24.....	6338	4267	528	4703	134
25.....	3858	3999	1675	3789	201
26.....	2982	3768	3037	3707	104
27.....	2413	3417	2465	2506	76
28.....	2042	3524	1766	1666	56
29.....	2239	4178	1039	1687	46
30.....	2960	4246	1386	2991	147
31.....	4647	4154	1438	4491	141
32.....	4415	3206	3698	4506	150
33.....	3093	4754	2252	2025	60
35.....	3550	4648	2771	2942	73

T'l. 107951 126903 51623 87803 2943

MUNICIPAL COURT BAILIFF.

Nominees: Joseph P. Kinsella, republican; Anton J. Cernak, democrat; Arthur J. Tryon, prohibition; William Van Bodegraven, socialist; Charles N. Loucks, progressive.

Ward	Kinsella	Cernak	Bodegraven	Loucks	Tryon
1.....	2342	4257	716	1973	79
2.....	4402	3372	628	4112	100
3.....	4842	4751	524	3810	70
4.....	1553	3622	1092	1099	47
5.....	1646	4087	1327	1264	41
6.....	5849	4237	381	4035	108
7.....	4494	4392	967	4630	137

Ward	Kinsella	Cernak	Bodegraven	Loucks	Tryon
8.....	2199	2936	1632	2493	36
9.....	1816	2551	1675	3431	52
10.....	1349	2833	1075	707	41
11.....	1601	3441	1272	1058	60
12.....	1415	5310	1469	984	46
13.....	4188	5785	1340	2837	64
14.....	2901	3648	1753	2714	53
15.....	2895	3116	2638	2628	53
16.....	2424	2681	956	792	29
17.....	1527	2955	736	969	35
18.....	3460	4812	1957	2116	157
19.....	1558	2867	738	951	36
20.....	1338	2161	665	503	20
21.....	3668	4321	1299	2527	162
22.....	1567	2780	1272	1568	40
23.....	4449	3969	1528	3648	67
24.....	2181	3705	2228	2028	47
25.....	6257	4302	534	4796	124
26.....	3684	4209	1614	3995	175
27.....	2908	3701	2993	3781	93
28.....	2965	3104	2450	2487	56
29.....	2091	3737	1729	1636	55
30.....	2380	4244	1009	1643	48
31.....	2975	4368	1402	2972	139
32.....	4539	4286	1494	432	199
33.....	4426	3297	2606	4494	108
34.....	2664	5806	2123	1911	58
35.....	3244	4989	2722	2905	61

Total 103807 133712 50909 87960 2666

MUNICIPAL COURT JUDGES.

Ward	Judge	Ward	Judge	Ward	Judge
1.....	Arnold Heap, Rep.....	117,565	2.....	Edwin K. Walker, Rep.....	112,753
3.....	William W. Maxwell, Rep.....	113,684	4.....	Freeman K. Blake, Rep.....	117,001
5.....	Isidore H. Hines, Rep.....	109,409	6.....	Edward A. Dickel, Rep.....	121,338
7.....	William N. Gennell, Rep.....	116,963	8.....	William N. Cottrell, Rep.....	109,747
9.....	David M. Brothers, Rep.....	102,744	10.....	John K. Prindiville, Dem.....	139,115
11.....	Harry M. Fisher, Dem.....	125,497	12.....	John A. Mahoney, Dem.....	121,560
13.....	John Courtney, Dem.....	120,215	14.....	Edward T. Wade, Dem.....	120,640
15.....	Joseph P. Rafferty, Dem.....	119,505	16.....	Joseph S. La Buy, Dem.....	121,920
17.....	Stephen A. Malato, Dem.....	118,522	18.....	John J. Sullivan, Dem.....	121,858
19.....	Joseph E. Harvey, Pro.....	2,685	20.....	Samuel H. Brooke, Pro.....	2,521
21.....	Marcus H. Duff, Soc.....	52,864	22.....	Wilbur C. Benton, Soc.....	52,692
23.....	Mary E. Miller, Soc.....	52,691	24.....	Samuel Block, Soc.....	52,809
25.....	John C. McCoy, Soc.....	52,550	26.....	E. Val Putnam, Soc.....	52,631
27.....	Louis J. Deison, Soc.....	52,647	28.....	Charles H. Schroeder, Soc.....	52,782
29.....	Peter Sissman, Soc.....	52,660	30.....	John A. Watson, Pro.....	86,434
31.....	Jonathan G. Latimer, Pro.....	86,786	32.....	George B. Byron, Pro.....	86,623
33.....	Nils Olson, Pro.....	56,077	34.....	James J. Sheridan, Pro.....	86,226
35.....	TWO YEAR TERM.				
1.....	Benjamin B. Morris, Rep.....	101,723	2.....	Frank H. Graham, Dem.....	124,603
3.....	W. E. McDermott, Soc.....	52,907	4.....	Ralph D. Stevenson, Pro.....	91,011
5.....	FOUR YEAR TERM.				
1.....	William Beebe, Rep.....	97,782	2.....	David Sullivan, Dem.....	122,873
3.....	Robert H. Howe, Soc.....	52,602	4.....	Walter F. Heinemann, Pro.....	94,445
5.....	SIX YEAR TERM.				
1.....	Samuel H. Trude, Rep.....	106,948	2.....	Hugh J. Kearns, Dem.....	120,532
3.....	J. M. E. Caley, Pro.....	2,177	4.....		

BOARD OF ASSESSORS.

Two to be elected.

Michael K. Sheridan, Dem.....124,280 9,325 133,605
David M. Pfaltzer, Dem.....128,504 9,677 138,181

Walter E. Schmidt, Rep.....103,737 12,627 116,364
Charles Krutchkoff, Rep.....98,822 12,330 111,152

Charles W. Phillips, Soc..... 52,753
Julius Goldzier, Prog..... 90,048

COUNTY COMMISSIONERS.

CITY.

Ten to be elected.

Alex. A. McCormick, Rep.....	137,480
Will C. Moody, Rep.....	101,187
E. L. Roberts, Rep.....	100,179
Carl R. Chindblom, Rep.....	99,977
William H. Blencoe, Rep.....	98,650
William F. Armknecht, Rep.....	97,284
Joseph Beifeld, Rep.....	100,517
Samuel E. Thomson, Rep.....	96,906
Edward F. Komovsky, Rep.....	92,139
Louis Sheldon, Rep.....	94,052
Peter Barten, Dem.....	135,889
Daniel Moriarty, Dem.....	123,212
John E. Maloney, Dem.....	126,016
Frank Ragen, Dem.....	126,081
Jos. M. Fitzgerald, Dem.....	125,295
Bartley Burg, Dem.....	124,904
Daniel J. Harris, Dem.....	124,330
Stanley Kufewski, Dem.....	127,270
Charles Glennon, Dem.....	123,559
Albert Nowak, Dem.....	128,292
Claus E. Ostergren, Pro.....	2,801
Charles S. Wanquist, Pro.....	2,731
E. W. Erickson, Pro.....	2,603
Harry G. Rowe, Pro.....	2,673
John M. Reed, Pro.....	2,669
John H. Stehman, Pro.....	2,658
Albert A. Bacon, Pro.....	2,641
David D. Adamson, Pro.....	2,590
J. G. Scovren, Pro.....	2,594
J. P. Ellacott, Pro.....	51,311
George Koop, Soc.....	51,307
Daniel N. Donahue, Soc.....	52,164
Joseph Novak, Soc.....	51,841
Charles Kissling, Soc.....	51,815
Fred Ebeling, Soc.....	51,647
A. L. Liesemer, Soc.....	51,564
L. Goldenstein, Soc.....	51,379
John Fedosky, Soc.....	51,755
Nels Anderson, Soc.....	51,425
James H. Doen, Soc.....	50,429
John M. Kelleher, Pro.....	87,018
J. P. Mertik, Pro.....	90,660
Charles F. Thoms, Pro.....	89,906
George A. Yuille, Pro.....	88,663
Thomas Pearson, Pro.....	87,975
Charles H. Serum, Pro.....	86,401
Joseph Damiani, Pro.....	87,871
James Jasper, Pro.....	86,806
Charles Chubbuck, Pro.....	

COUNTRY.

Five to be elected.

Harry H. Peabody, Dem.....	9,774
J. T. Murphy, Dem.....	9,821
Henry Quade, Dem.....	9,537
Horace M. McGuffee, Dem.....	9,626
A. Baumgartner, Dem.....	9,398
William Busse, Rep.....	14,598
James A. Noble, Rep.....	14,535
Alfred Van Steenberg, Rep.....	14,488
Joseph Carolan, Rep.....	14,276
William C. Hartray, Rep.....	14,093
H. J. Lagerschutt, Pro.....	369
Frank Eisenberger, Pro.....	376
C. O. Boring, Pro.....	361
George Hoover, Pro.....	373
A. Kelsey, Pro.....	352
P. L. Anderson, Soc.....	3,223
George Chant, Soc.....	3,233
Clarence Mowry, Soc.....	3,233
Jacob Bruning, Soc.....	3,258
Hamilton D. Gwin, Soc.....	3,238
Avery Conley, Soc.....	16,307
Harley B. Mitchell, Soc.....	16,352
Ellsworth M. Board, Soc.....	15,752
A. M. Anderson, Soc.....	15,658
John J. Gard, Soc.....	15,408

*Elected.

	†City.	Towns.	Total.
F. B. Brooke, Pro.....	2,618	390	3,008
Robertson Cook, Pro.....	2,698	401	3,099
William Cherney, Soc.....	53,895	2,726	56,621
Fred H. Kral, Soc.....	53,738	2,714	56,452
William A. Burmeister, Prog.....	95,961	16,274	112,235
Charles A. Raglio, Prog.....	93,409	15,812	109,221
†Including Cicero.			

BOARD OF REVIEW.

One to be elected.

	†City.	Towns.	Total.
Frederick W. Blocki, Dem.....	139,520	10,397	149,917
Matthew Mills, Rep.....	111,081	16,148	127,229
Arthur J. Rich, Pro.....	2,681	435	3,296
Benjamin N. Olin, Soc.....	53,952	2,782	56,734
†Including Cicero.			

COUNTY SURVEYOR.

	†City.	Towns.	Total.
George C. Waterman, Dem.....	126,722	9,618	136,390
Walter A. Olsen, Rep.....	99,810	12,587	112,397
O. F. Sorber, Pro.....	2,546	349	2,895
Benjamin Efting, Soc.....	53,743	2,707	56,450
Harry I. Orwig, Prog.....	93,703	15,608	109,311
†Including Cicero.			

SANITARY DISTRICT TRUSTEES.

Three to be elected.

	†City.	Towns.	Total.
James M. Dalley, * Dem.....	127,517	5,201	132,718
Fred D. Breit, * Dem.....	124,723	5,197	129,920
Charles E. Reading, * Dem.....	99,810	5,251	129,224
Thomas J. Healy, Rep.....	100,142	7,609	107,211
Adolph Bergman, Rep.....	98,605	6,961	105,566
Edward I. Williams, Rep.....	97,953	6,938	104,541
E. J. W. Rust, Pro.....	2,652	193	2,845
W. B. Rose, Pro.....	2,623	196	2,819
D. Paul, Pro.....	2,625	188	2,713
Joseph P. Buckley, Soc.....	53,356	1,365	54,721
Gustav Ebeling, Soc.....	52,979	1,368	54,347
G. T. Fraenkel, Soc.....	52,912	1,353	54,280
George E. Fernald, Prog.....	95,456	9,280	105,276
Fred C. Bendle, Prog.....	94,769	9,466	104,235
J. W. Guest, Prog.....	94,291	9,444	103,735
†Including Cicero.			

VOTE ON PROPOSITIONS.

For the issuing of bonds to the amount of \$1,750,000 by the city of Chicago for the purpose of paying its share of the cost of widening 12th street from South Michigan avenue to South Ashland avenue.

Yes.....	162,264	No.....	136,928
For the issuing of bonds to the amount of \$500,000 by Cook county for building a new detention hos-			

pital and the purchase of land in connection with the county poorhouse.

	†City.	Towns.	Total.
Yes.....	160,354	15,577	175,931
No.....	132,254	13,157	145,411

For the issuing of bonds to the amount of \$500,000 by Cook county for completing county courthouse.

	†City.	Towns.	Total.
Yes.....	114,850	11,783	126,633
No.....	163,033	14,509	177,542

For issuing bonds to the amount of \$1,000,000 by Cook county for the erection of new buildings for the sick and the poor at Oak Forest.

	†City.	Towns.	Total.
Yes.....	164,252	14,012	178,264
No.....	119,818	12,246	132,064

†Including Cicero.

VOTE ON PUBLIC POLICY QUESTIONS.

Shall the next general assembly (in order that the people may be relieved of a system of taxation which places a comparatively heavier burden upon the poor man than upon his wealthy neighbor, which is unjust to all who fall under the full force of its operation, and which places a premium upon dishonesty) submit to the voters of the state of Illinois, at the next following state election, an amendment to the state constitution providing for the classification of property for purposes of taxation, with taxes uniform as to each class within the jurisdiction levying the same?

	†City.	Towns.	Total.
Yes.....	151,396	20,218	201,614
No.....	82,928	6,644	89,572

Shall the next general assembly revise the primary election act to abolish the scandals and disorder now incident to the filing of petitions, to increase the secrecy of the ballot and the political freedom of the voter, to simplify the system and reduce the expense of elections and to encourage a greater popular participation in primary elections to the end that nominations may represent more truly the judgment of majorities?

	†City.	Towns.	Total.
Yes.....	181,904	21,035	202,939
No.....	76,289	5,999	82,288

Shall the next general assembly create a legislative commission to investigate the most practicable means of shortening our cumbersome election ballot and report to the 49th general assembly its recommendations?

	†City.	Towns.	Total.
Yes.....	178,397	21,419	199,816
No.....	78,184	5,906	83,890

†Including Cicero.

VOTE FOR ALDERMEN.

April 2, 1912.

Ward.

1. Joseph Seamans, Rep.....	1,413
John J. Coughlin, Dem.....	5,827
Simon W. King, Pro.....	49
Rice Wasbrough, Soc.....	352
2. Hugh Norris, Rep.....	5,356
Raymond T. O'Keefe, Dem.....	1,603
George W. Doolittle, Pro.....	613
A. C. Harms, Soc.....	328
P. P. Jones, Ind.....	476
3. Joel F. Longenecker, Rep.....	5,092
St. Mayer, Dem.....	5,149
Leroy Veazey, Pro.....	63
W. J. Standley, Soc.....	198
4. Herman E. Schultz, Rep.....	1,522
John A. Richert, Dem.....	4,647
Elias S. Lloyd, Pro.....	35
James McNulty, Soc.....	231
5. Hector A. Brouillet, Rep.....	2,067
Charles Martin, Dem.....	4,338
Franklin J. Reed, Pro.....	39
Peter Cunningham, Soc.....	315
6. Willis O. Nance, Rep.....	4,624
David H. Padden, Dem.....	2,936
Alfred R. Heath, Pro.....	47
O. E. Broberg, Soc.....	244
7. John H. Helwig, Rep.....	4,963

Ward.

James F. Bishop, Dem.....	4,260
G. A. Hancock, Pro.....	109
Clarence W. Shaw, Soc.....	473
8. Ernest M. Cross, Rep.....	4,335
Ross A. Woodhull, Dem.....	3,543
Charles G. Osterberg, Pro.....	47
John M. Walsh, Soc.....	568
9. Gustav Bloom, Rep.....	2,226
Eugene Block, Dem.....	4,174
Herman C. Diehl, Soc.....	1,058
10. Francis Joseph Bilek, Rep.....	1,632
Frank J. Vavrick, Dem.....	2,708
Jacob Schwartz, Soc.....	477
11. William Berg, Rep.....	2,059
Frank W. Bewersdorf, Dem.....	3,508
William F. Lewin, Soc.....	464
12. Anton J. Cernak, Dem.....	4,515
A. J. Jewett, Pro.....	115
Charles Toepfer, Soc.....	1,052
13. James E. Evans, Rep.....	2,818
Frank McDonald, Dem.....	5,342
Walter E. Chesnutt, Pro.....	56
Vincent Dudick, Soc.....	291
14. James R. Buckley, Ind.....	3,291
Charles J. Lucas, Rep.....	3,982
J. Edward Clancy, Dem.....	4,578

Ward.

Joseph G. Miller, Pro.....	43
Charles Larney, Soc.....	452
15. Albert W. Beifuss, Rep.....	3,944
Fred T. Bierndt, Dem.....	3,468
C. M. Madsen, Soc.....	928
16. John Rybinski, Rep.....	809
John Czekala, Dem.....	2,867
E. Horth, Pro.....	19
M. Sahud, Soc.....	196
Edmond K. Jarecki, Ind.....	2,735
17. Stephen P. Revere, Rep.....	1,753
Stanley S. Walkowiak, Dem.....	2,953
John Nelson, Pro.....	92
N. F. Holm, Soc.....	248
18. William J. Healy, Rep.....	7,952
C. C. Anderson, Dem.....	2,143
James H. Dolson, Soc.....	672
19. James B. Bowler, Dem.....	3,539
20. James P. Griffin, Rep.....	1,830
Hugo L. Pitte, Dem.....	2,651
21. James F. Burns, Rep.....	4,305
William F. Schofield, Dem.....	1,191
Charles Goodman, Pro.....	128
Forrest S. Green, Soc.....	548
22. (For the two year term).....	
Charles C. Williams, Rep.....	2,025

Ward.

John H. Bauler, Dem.....	4,019
Andrew Ladin, Soc.....	571
(For the one year term)—	
John L. Scholl, Rep.....	2,016
Victor J. Schaeffer, Dem.....	3,888
Timothy J. Covey, Soc.....	539
23. John Kjellander, Rep.....	
Harry H. Lampert, Dem.....	5,086
D. G. Hayes, Pro.....	107
E. Val Putnam, Soc.....	538
24. Richard Bartlett, Rep.....	
John Haderlein, Dem.....	5,331
J. W. Latimer, Pro.....	62
J. F. Uhlenbrock, Soc.....	937
25. Charles M. Thomson, Rep.....	
Bloss P. Lord, Dem.....	2,824
William R. Van Sant, Pro.....	144
Charles W. Green, Soc.....	307

Ward.

26. George Pretzel, Rep.....	5,979
Peter Reinberg, Dem.....	4,936
Frederick Hunshe, Pro.....	52
Charles J. Crouse, Soc.....	583
27. Edward A. Washburne, Rep.....	
Frank J. Wilson, Dem.....	4,077
Henderson J. Crocker, Pro.....	68
Edgar N. Phillips, Soc.....	1,526
28. William J. Severin, Rep.....	
Charles Twigg, Dem.....	4,728
John Larson, Pro.....	69
Harry B. Fish, Soc.....	821
29. Frank Golombiewski, Rep.....	
John McDermott, Dem.....	4,956
Edward A. Dierkes, Soc.....	499
30. Bert W. Kelly, Rep.....	
Joseph A. Swift, Dem.....	4,663
E. T. Stewart, Pro.....	53
Christian J. Petersen, Soc.....	239

Ward.

31. Victor E. Ringquist, Rep.....	4,148
Henry P. Bergen, Dem.....	5,482
E. C. Glad, Pro.....	85
William Stelk, Soc.....	391
32. James Rea, Rep.....	
Melville G. Holding, Dem.....	5,599
Enoch L. Griffith, Pro.....	152
John W. Deal, Soc.....	368
33. George H. Bradshaw, Rep.....	
Edward McDonnell, Dem.....	5,141
John Harper, Pro.....	193
James P. Larsen, Soc.....	930
34. Anton Vanek, Rep.....	
John Toman, Dem.....	4,652
Frederick W. Slack, Pro.....	47
Frank S. Stuchal, Soc.....	633
35. Charles K. Todd, Rep.....	
James Donahue, Dem.....	5,953
Albert H. Humphrey, Pro.....	86
Fred Ebeling, Soc.....	886

VOTE ON PROPOSITIONS.

April 2, 1912.

HARBOR CONSTRUCTION.

Shall bonds for the city of Chicago for the purpose of acquiring the necessary sites and constructing protection breakwaters, docks and piers in the city of Chicago in the sum of \$5,000,000 be issued by the city council?

Yes, 142,373. No, 99,734.

BATHING BEACHES.

Shall bonds of the city of Chicago for the purpose of acquiring and improving bathing beaches in and for the city of Chicago in the sum of \$250,000 be issued by the city council?

Yes, 119,371. No, 116,674.

HEALTH DEPARTMENT BUILDINGS.

Shall bonds of the city of Chicago for the purpose of acquiring the necessary sites and constructing a contagious disease hospital and other

buildings for the health department of the city of Chicago in the sum of \$380,000 be issued by the city council?

Yes, 132,959. No, 102,306.

POLICE DEPARTMENT BUILDINGS.

Shall bonds of the city of Chicago for the purpose of acquiring the necessary sites and constructing buildings for the police department of the city of Chicago in the sum of \$2,245,000 be issued by the city council?

Yes, 99,733. No, 126,219.

FIRE DEPARTMENT BUILDINGS.

Shall bonds of the city of Chicago for the purpose of acquiring the necessary sites and constructing buildings for the fire department of the city of Chicago in the sum of \$1,814,000 be issued by the city council?

Yes, 108,589. No, 113,516.

CHICAGO ELECTION CALENDAR FOR 1913

Issued by board of election commissioners.

Tuesday, Feb. 25—Primary election for the nomination of the following officers: In Cook county—One judge of the Superior court of Cook county. In the city of Chicago—One city clerk, one city treasurer, one alderman from each of thirty-five wards and two aldermen to fill vacancies in the 9th and 12th wards. The following political parties are entitled to participate in the primary of Feb. 25, 1913: Republican, democratic, socialist and progressive.

Jan. 25—Last day to file petitions with secretary of state for judge of Superior court of Cook county.

Jan. 31—Last day to withdraw name as a candidate for judge of Superior court of Cook county. Withdrawal must be filed with secretary of state.

Jan. 27—First day to file primary petitions with the city clerk for the offices of city clerk, city treasurer and alderman.

Feb. 10—Last day to file primary petitions with city clerk for the offices of city clerk, city treasurer and alderman.

Feb. 13—Last day to withdraw name as candidate for city clerk, city treasurer and alderman. Withdrawal must be filed with city clerk.

March 1—Last day to file independent petitions with the county clerk for the office of judge of the Superior court of Cook county.

March 19—Last day to withdraw name as independent candidate for judge of the Superior court. Withdrawal must be filed with the county clerk.

March 7—Last day to file independent petitions with the city clerk for the offices of city clerk, city treasurer and alderman.

March 19—Last day to withdraw name as independent candidate for the offices of city clerk, city treasurer and alderman. Withdrawals must be filed with the city clerk.

REGISTRATION.

Feb. 5—Registration for the primary of Feb. 25 by filing in the office of the board of election com-

missioners a primary registration affidavit. This registration is good for the primary only and applies only to those persons not already registered in the precinct where they reside, but who will, on or before the date of the primary, be entitled to a vote at such primary.

March 11—Intermediate registration for all voters whose names are not on the registers of their precincts, including those who registered by affidavit for the primary of Feb. 25.

March 15—Revision of the registry. The board of registry will be in session at each precinct polling place from 6 p. m. until 10 p. m. No one can register at that time, but voters whose names are already on the registers and who have moved from one address to another in the same precinct must apply to the board of registry to have their address corrected upon the registers. This may also be done on registration day, March 11, and unless the voter has his address so corrected he cannot vote. Voters who move in the same precinct after March 15, and before election, may vote by applying at their precinct polling places on election day and filling out the usual removal affidavit, which affidavit must be supported by that of two householders.

March 18 and 19—Filing applications to be registered and to be restored following March registration and revision.

March 24 and 25—Filing applications to erase names from registry following March registration.

March 25, 26 and 27—Board of election commissioners sit to hear applications to be registered, to be restored and to erase.

March 27—Last day to post specimen ballots and instruction cards for the April election.

March 28 and 29—County court sits to hear application to have names placed on the registry.

April 1—City, town and county election.

May 1—Last day of closed period on registers.

ILLINOIS PRIMARY ELECTION—APRIL 9, 1912.

SUMMARY OF GENERAL VOTE.

PRESIDENT UNITED STATES.

Candidate.	Total Instate.	Outside Cook Co.	In Cook county.	Count cast.
William H. Taft, Rep.....	127,481	78,577	48,904	5
Theodore Roosevelt, Rep.....	266,817	152,301	84,716	97
M. LaFollette, Rep.....	43,692	29,175	15,517	0
Roosevelt's plurality.....	139,436	.....	.....	.....
Champ Clark, Dem.....	138,438	104,171	114,312	96
Woodrow Wilson, Dem.....	75,527	42,524	33,003	6
Clark's plurality.....	142,956	.....	.....	.....

UNITED STATES SENATOR.

Hugh S. Magill, Rep.....	78,344	51,669	26,675	6
Shelby M. Cullom, Rep.....	129,375	88,520	40,855	32
L. Y. Sherman, Rep.....	178,063	115,813	62,250	64
W. Grant Webster, Rep.....	24,567	15,609	8,958	0
Sherman's plurality.....	48,688	.....	.....	.....
James H. Lewis, Dem.....	228,872	113,248	115,624	All
Alonzo E. Wilson, Pro.....	3,786	3,380	406	All

GOVERNOR.

Charles S. Deneen, Rep.....	152,997	89,475	63,522	54
Len Small, Rep.....	88,529	61,610	27,219	22
J. E. W. Wayman, Rep.....	61,173	29,741	31,437	3
Charles F. Hurburg, Rep.....	29,922	22,842	7,150	5
John J. Brown, Rep.....	31,995	28,685	3,310	13
Walter C. Jones, Rep.....	22,491	12,032	10,459	0
J. McCan Davis, Rep.....	6,855	6,426	429	0
Richard Yates, Rep.....	45,325	39,455	5,870	5
Deneen's plurality.....	64,168	.....	.....	.....
Ben F. Caldwell, Dem.....	71,972	62,712	9,260	45
Samuel Alschuler, Dem.....	87,127	45,625	41,502	43
George E. Dickson, Dem.....	9,034	7,196	1,838	0
Edward F. Dunne, Dem.....	131,212	24,959	106,253	14
Dunne's plurality.....	44,085	.....	.....	.....
E. R. Worrell, Pro.....	5,568	3,140	428	All
John C. Kennedy, Soc.....	8,333	5,384	2,949	101

LIEUTENANT-GOVERNOR.

John G. Oglesby, Rep.....	275,625	189,009	86,617	99
Kinnie A. Ostweg, Rep.....	30,498	20,422	10,076	0
Reuben H. Tiffan, Rep.....	74,198	43,607	30,591	3
Oglesby's plurality.....	201,428	.....	.....	.....
Barratt O'Hara, Dem.....	56,518	28,134	28,384	31
Charles C. Craig, Dem.....	48,034	30,297	17,767	*45
William E. Golden, Dem.....	24,644	14,392	10,252	2
Gustavus J. Tatge, Dem.....	36,371	4,598	31,773	0
Adlai T. Ewing, Dem.....	16,792	9,729	7,063	*1
J. L. Pickering, Sr., Dem.....	24,427	20,778	3,649	17
F. D. Comerford, Dem.....	54,321	18,174	36,147	5
O'Hara's plurality.....	2,197	.....	.....	.....
J. H. Hoofstetter, Pro.....	3,547	3,120	427	All
F. T. Maxwell, Soc.....	8,026	5,103	2,926	All

SECRETARY OF STATE.

James A. Rose, Rep.....	288,130	188,189	99,941	All
Chester W. Church, Rep.....	95,147	66,416	28,731	0
Rose's plurality.....	192,983	.....	.....	.....
X. F. Beidler, Dem.....	79,003	37,078	41,925	*16
Andrew Olson, Dem.....	65,243	31,239	34,004	9
Harry Woods, Dem.....	104,404	54,766	49,638	*76
Woods' plurality.....	25,401	.....	.....	.....
Henry Wakeman, Pro.....	3,533	3,107	426	All
Fred Freeman, Soc.....	8,056	5,130	2,926	All

AUDITOR.

J. S. McCullough, Rep.....	221,719	148,060	73,659	98
John K. Ball, Rep.....	57,523	37,009	20,814	3
George A. Smith, Rep.....	83,357	56,415	26,942	1
McCullough's plurality.....	138,362	.....	.....	.....
George Saitan, Dem.....	58,003	29,587	20,116	2
James J. Brady, Dem.....	111,234	53,330	57,904	*84
W. D. Steward, Dem.....	74,951	36,204	38,747	*15
Brady's plurality.....	36,283	.....	.....	.....
John H. Schup, Pro.....	3,494	3,068	426	All
F. O. Anderson, Soc.....	7,965	5,059	2,906	All

TREASURER.

Andrew Russell, Rep.....	200,776	135,737	65,089	74
L. L. Emmerson, Rep.....	111,001	77,183	33,818	27
W. E. Rothermel, Rep.....	22,355	12,543	9,812	0
H. R. Helmsberger, Rep.....	42,560	24,275	18,285	1
Russell's plurality.....	89,775	.....	.....	.....
C. V. McCreath, Dem.....	48,495	28,255	20,280	11
William Ryan, Jr., Dem.....	58,003	40,838	45,458	45
H. V. McGurran, Dem.....	26,149	8,935	17,214	0
W. D. Wadsworth, Dem.....	84,313	42,780	41,533	46
Ryan's plurality.....	2,033	.....	.....	.....

ATTORNEY-GENERAL.

William H. Stead, Rep.....	240,453	157,244	83,209	100
Frank R. Reid, Rep.....	85,212	69,408	25,804	2

Candidate.	Total Instate.	Outside Cook Co.	In Cook county.	Count cast.
John B. Weaver, Rep.....	43,965	35,116	13,849	0
Stead's plurality.....	155,241	.....	.....	.....
Patrick J. Lucey, Dem.....	35,192	43,212	51,980	*45
Albert E. Isley, Dem.....	75,917	40,757	35,160	32
William A. Bowles, Dem.....	69,102	36,085	33,017	*23
Lucey's plurality.....	19,275	.....	.....	.....
Charles Temple, Pro.....	3,487	3,060	427	All
D. J. Bental, Soc.....	7,906	5,047	2,859	All

CONGRESSMEN AT LARGE.

(Two to be nominated.)

B. M. Chipfield, Rep.....	145,649	94,857	50,792	79
Harry L. Hear, Rep.....	53,098	33,042	20,056	2
E. D. Telford, Rep.....	41,982	21,760	20,222	4
F. C. DeLang, Rep.....	19,900	11,127	8,773	0
Frank H. Childs, Rep.....	33,685	20,482	13,203	0
William E. Mason, Rep.....	158,916	98,980	59,936	97
W. Grant Webster, Rep.....	48,720	31,587	17,182	1
David A. Stevens, Rep.....	39,368	28,846	10,522	0
Oliver J. Page, Rep.....	78,009	52,408	25,601	21
Wm. E. Williams, Dem.....	65,187	42,345	22,842	81
L. B. Stringer, Dem.....	107,639	64,252	43,387	100
Henry Hogan, Dem.....	47,571	17,578	29,993	4
James P. Brennan, Dem.....	42,083	13,768	28,315	3
Wm. J. McGuire, Dem.....	37,249	16,416	20,833	9
A. J. W. Appell, Dem.....	32,768	6,365	26,403	0
Ernest Langtry, Dem.....	26,889	3,569	23,320	0
L. J. Walters, Dem.....	22,447	9,752	12,695	0
Elmer A. Perry, Dem.....	40,976	27,171	13,805	7
Walter H. Harris, Pro.....	3,375	2,963	412	All
James H. Shaw, Pro.....	3,087	2,685	402	All
Walter Huggins, Soc.....	7,780	4,911	2,869	All
D. L. Thomas, Soc.....	7,266	4,474	2,792	All

*Vote in Macon county. †Vote in Putnam county. ‡Vote in Calhoun and Massac counties.

PRIMARY VOTE FOR PRESIDENT—BY COUNTIES.

—Republican.— —Democratic.—

County.	Taft.	Roosevelt.	LaFollette.	Clark.	Wilson.
Adams	1,198	2,167	259	4,175	728
Alexander	545	772	101	612	204
Bond	468	790	135	444	97
Boone	649	1,033	531	101	42
Brown	118	335	16	935	280
Bureau	975	2,727	590	945	346
Calhoun	56	78	8	527	101
Carroll	803	1,550	532	171	137
Cass	210	548	66	1,064	751
Champaign.....	1,593	3,788	885	1,529	626
Christian	729	1,339	133	1,876	1,023
Clark	975	1,316	113	1,307	423
Clay	715	942	161	1,053	259
Clinton	344	514	83	1,229	373
Coles	849	2,638	209	1,265	657
Cook (see below).					
Crawford	539	1,378	154	1,076	566
Cumberland.....	341	711	71	798	180
DeKalb	1,180	2,782	674	355	215
DeWitt	380	1,465	96	689	205
Douglas	475	1,403	86	479	207
DuPage	1,298	2,844	561	390	166
Edgar	1,280	1,010	99	893	917
Edward	1,153	1,153	82	245	13
Effingham	355	719	151	1,911	654
Fayette	581	1,410	148	1,511	249
Ford	420	1,411	169	222	135
Franklin	606	1,235	176	1,293	388
Fulton	723	2,219	394	981	593
Gallatin	378	896	50	1,137	346
Greene	468	702	64	1,291	463
Grundy	707	2,292	329	389	172
Hamilton	343	960	85	1,564	237
Hancock	543	1,292	186	1,188	233
Hardin	136	333	20	345	55
Henderson	323	673	97	718	13
Henry	953	2,849	502	332	202
Iroquois	851	432	297	748	332
Jackson	1,203	1,138	167	993	830
Jasper	396	635	51	920	628
Jefferson	557	1,383	.....	1,297	416
Jersey	410	307	40	1,099	381
Jo Daviess.....	313	1,233	461	491	866

Republican.					Democratic.		Republican.					Democratic.	
County.	Taft.	Roosevelt.	LaFollette.	Clark.	Wilson.	County.	Taft.	Roosevelt.	LaFollette.	Clark.	Wilson.		
Johnson	333	1,172	113	221	32	Randolph ...	517	872	177	1,257	392		
Kane	2,569	7,462	1,300	1,484	497	Richland ...	315	699	61	861	236		
Kankakee ...	1,970	3,363	534	685	209	Rock Island. 1,410	5,522	1,356	881	274	274		
Kendall	338	1,022	117	193	70	Saline	781	2,259	264	836	246		
Knox	1,005	3,484	484	689	351	Sangamon ...	1,857	5,608	728	3,830	2,285		
Lake	1,790	4,099	968	689	197	Schuyler	193	496	33	700	276		
LaSalle	2,112	4,630	909	4,919	1,227	Scott	179	341	27	843	244		
Lawrence ...	620	659	113	792	271	Shelby	668	1,125	121	1,309	924		
Lee	472	2,103	339	606	358	Stark	229	824	153	147	127		
Livingston ...	1,395	2,641	239	783	568	St. Clair	3,090	2,825	463	2,295	730		
Logan	495	1,633	190	861	1,254	Stephenson ...	735	2,000	619	1,102	645		
Macon	1,396	4,152	543	1,350	503	Tazewell	350	1,415	178	624	1,184		
Macoupin ...	979	1,884	261	3,151	1,026	Union	508	514	58	1,638	477		
Madison	2,341	2,916	731	2,426	532	Vermilion ...	2,554	4,045	803	1,512	360		
Marion	600	1,668	182	2,206	256	Wabash	190	476	44	810	318		
Marshall ...	268	748	65	395	286	Warren	378	1,901	215	490	216		
Mason	210	550	136	825	475	Washington ...	681	1,219	166	400	159		
Massac	442	1,244	116	92	22	Wayne	575	1,547	91	1,082	136		
McDonough ...	654	2,047	259	1,118	358	White	548	1,109	110	1,819	485		
McHenry ...	1,660	2,658	712	481	185	Whiteside ...	689	2,909	413	1,618	312		
McLean	2,288	4,233	616	1,893	1,130	Will	1,927	6,722	998	1,734	712		
Menard	259	662	63	568	465	Williamson ...	1,084	2,080	.....	1,031	203		
Mercer	460	1,831	238	387	226	Winnebago ...	1,399	5,888	1,503	315	346		
Monroe	238	213	10	625	141	Woodford ...	295	960	90	704	391		
Montgomery ...	973	986	216	2,415	739								
Morgan	579	1,647	205	1,305	895	Down state 78,577	182,201	29,175	104,171	42,524			
Moultrie ...	213	673	51	642	652	Cook	48,904	84,716	13,517	114,312	33,003		
Ogle	850	2,369	510	383	322	Total	127,481	266,917	42,692	218,483	75,527		
Peoria	1,258	5,767	1,274	1,194	2,017	Plurality ...		139,436		142,966			
Perry	595	784	110	569	139	Per cent.	29.17	61.06	9.76	74.31	25.69		
Platt	378	775	118	410	240	Eugene Chaffin, Pro., received 40 votes and Eugene							
Pike	449	898	102	2,329	348	V. Debs, Soc., received 334 votes.							
Pope	315	945	80	187	17	Counties carried by Roosevelt, 97; by Taft, 5; by							
Pulaski	506	688	64	144	31	LaFollette, 6; by Clark, 96; by Wilson, 6.							
Putnam	127	337	59	78	26								

PRIMARY VOTE FOR GOVERNOR BY COUNTIES.

County.	Republican.											Democratic.											Pro Soc.	
	Plurality	Deneen	Small	Wayman	Hurbsch	Brown	James	Davis	Yate			Plurality	Caldwell	Alschuler	Dickson	Dunne	Worcester	Belknap						
Adams	W	195	885	648	1080	75	207	91	62	501		A	388	1620	2008	180	935	35	55					
Alexander	D	65	590	525	112	12	106	10	5	109		A	64	216	280	28	194	5	24					
Bond	B	321	185	416	21	3	737	28	1	36		O	248	344	96	50	20	49	34					
Boone	S	162	822	984	403	160	107	103	7	239		A	13	8	75	32	62	3	24					
Brown	S	10	96	121	35	7	22	16	54	111		O	102	520	418	62	132	7	3					
Bureau	D	676	1337	544	190	513	125	552	196	661		D	74	220	396	69	470	58	111					
Calhoun	D	36	63	23	2	1	11	1	0	27		A	52	163	215	70	56	9	1					
Carroll	S	95	763	881	162	38	88	139	10	786		A	146	37	206	10	60	26	10					
Cass	D	124	290	138	22	37	53	39	41	166		A	173	705	833	58	202	7	6					
Champaign ..	B	207	1556	772	373	146	1742	297	104	695		A	236	602	838	107	530	66	11					
Christian	D	417	893	304	74	18	476	57	11	299		C	2632	2748	99	46	116	62	76					
Clark	S	344	563	907	100	12	502	39	27	145		O	614	931	317	96	202	42	3					
Clay	S	127	485	612	50	10	409	48	10	117		O	690	864	174	97	38	15	25					
Clinton	S	58	179	315	54	3	112	49	8	257		A	377	428	805	122	152	14	35					
Coles	D	335	1060	635	275	29	725	76	225	37		O	557	938	379	95	376	20	49					
Cook (see below)																								
Crawford	B	335	298	475	119	15	810	53	25	254		O	579	955	376	128	96	31	12					
Cumberland ..	B	187	137	235	59	10	422	18	63	131		O	44	351	307	81	152	3	10					
DeKalb	D	374	1439	521	655	1065	215	172	83	321		A	210	18	368	12	153	44	35					
DeWitt	S	9	367	376	190	85	308	176	87	313		A	106	405	299	55	137	12	16					
Douglas	B	174	551	219	71	16	725	60	63	153		O	370	453	65	32	83	29	16					
DuPage	D	1267	2191	924	872	116	145	219	35	247		A	28	53	258	30	230	79	12					
Edgar	D	416	1173	757	36	7	153	63	47	138		C	221	845	208	60	624	32	17					
Edwards	D	210	674	464	62	2	88	33	12	317		C	73	169	96	9	4	23	1					
Emingham	B	280	245	276	42	2	556	25	10	56		O	292	1022	730	192	406	19	5					
Fayette	B	1428	132	200	40	5	1628	14	9	114		C	740	1113	373	138	62	30	7					
Ford	D	281	609	328	135	311	260	75	33	186		A	62	88	155	7	83	22	3					
Franklin	S	401	281	798	191	21	183	36	59	397		C	448	931	483	104	78	17	128					
Fulton	D	86	794	590	127	518	122	122	380	708		A	310	466	766	89	164	71	249					
Gallatin	D	164	348	184	98	11	119	18	12	62		O	173	581	263	131	408	7	15					
Greene	D	141	445	129	96	40	169	25	21	304		O	379	944	565	66	138	16	22					
Grundy	D	18	1034	1016	202	87	174	374	60	141		D	148	71	128	24	276	9	26					
Hamilton	D	67	487	420	108	17	91	16	97	111		O	29	628	699	121	158	9	34					
Hancock	D	857	1120	175	263	158	60	66	104	175		A	10	605	615	78	211	32	26					
Hardin	D	116	209	184	65	2	37	17	5	93		A	25	184	159	46	29	11	7					
Henderson	D	212	423	124	144	211	60	21	8	73		A	98	10	186	46	38	26	3					
Henry	H	997	909	511	197	1906	120	237	29	399		A	107	157	343	52	236	44	63					
Irroquois	S	205	1061	1266	549	152	233	169	28	93		A	211	254	465	32	222	48	11					
Jackson	D	769	1311	542	213	12	178	61	67	202		C	137	654	517	60	101	27	78					
Jasper	B	462	172	98	76	7	634	14	2	51		O	133	637	227	120	504	26	6					
Jefferson	D	10	443	383	433	25	387	78	9	228		A	472	394	866	107	267	15	28					
Jersey	D	145	326	122	51	2	54	5	12	181		A	167	494	661	103	114	9	1					
Jo Davies	Y	124	513	242	136	143	139	81	41	637		O	55	294	239	43	221	33	13					
Johnson	Y	21	173	497	253	5	146	25	24	518		O	91	146	55	29	21	8	11					
Kane	D	1322	3479	1144	2157	1565	406	695	152	1513		A	1706	68	1941	19	356	67	134					
Kankakee	S	2933	1545	4478	159	46	69	83	19	48		A	153	89	509	12	235	24	19					
Kendall	D	44	351	222	120	259	39	79	15	307		A	213	13	232	4	19	13	7					

County.	Republican.										Democratic.										Pro. Soc.	
	Plurality	Demon	Small	Wayman	Hurbarth	Brown	Jones	Davis	Yates		Plurality	Caldwell	Alschuler	Dickson	Dunne	Worrell	Ken					
Knox.....	H 2889	473	501	147	3390	35	45	10	306	D	60	115	378	47	438	50	114					
Lake.....	D 879	2369	1309	1490	234	146	207	62	1062	D	170	55	273	25	443	31	102					
LaSalle.....	D 992	2476	1484	1232	217	359	601	421	665	A	12	281	1835	86	1823	60	120					
Lawrence.....	S 242	164	563	65	7	321	44	19	215	C	287	621	324	99	36	56	4					
Lee.....	D 199	845	646	173	62	242	536	132	218	D	83	24	71	391	38	474	32	18				
Livingston.....	D 594	1560	966	517	310	236	71	47	308	D	224	246	408	44	632	65	9					
Logan.....	D 160	671	845	511	73	198	62	43	396	C	1157	1532	191	34	375	17	21					
Macoupin.....	B 1204	1248	752	788	43	2452	156	94	788	C	1442	1589	147	64	125	57	71					
Macoupin.....	D 240	901	661	353	23	588	90	48	493	C	3144	3465	321	143	316	40	147					
Madison.....	D 796	2456	1660	280	68	647	154	43	828	C	716	1656	901	201	271	37	346					
Marion.....	W 448	234	503	951	17	393	116	15	211	C	603	1346	743	146	98	41	162					
Marshall.....	D 229	450	101	104	221	40	41	11	59	A	151	121	323	21	172	11	3					
Mason.....	D 87	326	101	33	31	46	61	24	239	C	41	551	510	81	102	34	6					
Massac.....	S 28	510	538	339	14	99	49	48	216	A	8	39	47	12	14	6	2					
McDonough.....	W 126	742	234	886	399	116	65	24	495	A	243	425	668	112	149	75	38					
McHenry.....	S 444	1690	2134	696	251	95	176	49	356	D	73	54	279	15	352	14	2					
McLean.....	D 643	2148	886	1049	576	629	135	216	1505	A	335	858	1193	142	730	116	85					
Menard.....	D 129	343	214	43	80	32	24	35	159	C	872	926	54	17	19	18	3					
Mercer.....	D 222	581	575	178	803	143	48	28	90	A	174	104	312	38	138	33	26					
Monroe.....	D 110	212	102	29	7	27	3	27	13	A	95	231	326	31	98	1	1					
Montgomery.....	B 104	464	521	45	17	625	60	69	211	C	2288	2559	271	107	189	57	91					
Morgan.....	Y 776	433	293	140	28	108	130	95	1209	C	695	1283	588	73	286	13	46					
Moultrie.....	B 71	200	152	64	4	271	32	75	114	C	11	604	169	77	493	19	7					
Ogle.....	D 335	1297	962	228	213	106	167	19	685	D	83	205	179	11	288	56	14					
Peoria.....	D 548	3673	499	358	259	95	212	105	3125	D	81	562	1169	78	1250	20	231					
Perry.....	S 462	323	785	246	7	66	12	28	70	C	162	404	242	17	51	23	78					
Platt.....	B 319	252	230	90	21	571	54	75	219	C	363	452	89	51	39	13	11					
Pike.....	D 166	540	374	166	13	132	26	32	142	C	534	1286	752	174	250	42	33					
Pope.....	S 329	221	561	78	5	133	41	11	233	A	26	66	92	20	10	3	.....					
Pulaski.....	D 510	756	246	25	7	110	14	15	207	A	71	33	104	25	18	9	18					
Putnam.....	D 186	255	50	69	21	18	34	9	24	A	24	25	49	4	20	18	3					
Randolph.....	D 222	581	422	73	18	272	30	58	139	C	35	454	314	26	97	23	67					
Richland.....	S 267	264	471	49	7	103	27	6	125	C	33	455	422	105	52	23	26					
Rock Island.....	D 1495	2951	1368	677	1456	258	494	241	798	A	275	237	535	55	260	15	392					
Saline.....	S 141	700	881	253	30	272	99	245	740	A	246	334	580	66	44	26	135					
Sangamon.....	Y 642	2647	1209	161	70	516	177	238	3289	C	5423	5720	220	50	297	70	204					
Schuyler.....	D 3	188	172	44	48	30	17	47	185	A	325	226	551	53	72	33	2					
Scott.....	D 54	169	115	50	5	41	7	61	112	C	93	540	447	36	154	13	5					
Shelby.....	B 101	332	566	100	18	667	43	52	90	C	968	1320	301	151	352	53	28					
Stark.....	H 82	332	52	37	414	41	41	14	223	D	13	50	86	15	99	9	4					
St. Clair.....	D 2218	3317	1099	453	47	290	420	82	613	A	203	807	1091	144	888	23	300					
Stephenson.....	Y 318	753	561	438	58	127	158	25	1071	C	39	713	674	64	293	37	37					
Tazewell.....	D 198	750	155	74	52	163	83	94	552	C	48	774	726	61	184	27	59					
Union.....	D 367	676	309	18	2	27	10	20	203	C	906	1356	450	71	70	11	2					
Vermilion.....	S 1159	1793	2852	1157	129	806	314	98	695	C	477	900	410	114	423	148	58					
Wabash.....	S 12	37	308	97	3	43	12	63	186	C	218	571	353	155	70	3	6					
Warren.....	H 200	557	317	120	757	88	267	34	243	A	259	87	407	45	148	43	6					
Washington.....	D 250	812	562	303	15	187	75	10	45	A	38	208	246	45	51	8	25					
Wayne.....	S 14	479	610	596	5	287	48	50	153	A	62	480	542	123	34	30	10					
White.....	S 25	463	488	92	14	169	49	120	324	C	284	969	685	168	145	33	54					
Whiteside.....	D 816	1597	781	333	166	158	537	81	298	D	129	64	275	54	404	79	17					
Will.....	D 1132	2768	1263	1636	1135	361	588	232	727	D	514	665	624	73	1179	16	67					
Williamson.....	S 301	887	1188	294	20	488	89	59	453	A	443	342	785	40	32	31	143					
Winnebago.....	D 948	3949	1063	303	3001	57	224	35	252	D	27	39	292	17	319	45	289					
Woodford.....	D 328	550	195	108	66	68	82	28	222	A	183	288	471	39	219	17	7					
Down state.....	D 27865	89475	61610	29741	22842	28685	12032	6426	39455	C	17087	62712	45625	7196	24959	3140	5384					
Cook.....	D 32085	63522	27219	31437	7150	3310	10459	429	5870	D	64751	9260	41502	1838	106253	428	2949					
Total.....	D 64168	152997	88829	61178	29992	31995	22491	6855	45325	D	44085	71972	87127	9034	131212	3568	8332					

COOK COUNTY PRIMARY ELECTION, APRIL 9, 1912.

The vote given herewith includes only that for republican and democratic candidates for the principal county offices, for the Municipal court and for congressmen in the Chicago districts. The vote for candidates for national and state offices will be found under "Illinois Primary Election."

VOTE FOR DEMOCRATIC CANDIDATES.

STATE'S ATTORNEY.

Chicago, Country, Total.

James J. Kelly.....	35,402	1,907	37,309
James J. Devine.....	26,254	821	27,075
Macay LeBoeuf.....	46,524	1,615	48,139
Jacob C. LeBoeuf.....	22,101	829	22,930

RECORDER OF DEEDS.

Joseph F. Connery.....	54,233	2,110	56,343
William P. J. Halley.....	8,649	491	9,140
Charles H. Kellerman.....	40,807	1,577	42,384
Leopold Nethan.....	6,491	248	6,739
Matthew Weydert.....	5,934	296	6,230

CLERK OF CIRCUIT COURT.

John W. Rainey.....	68,768	2,925	71,693
Harry E. Collicutt.....	9,425	501	9,926
Charles C. Case, Jr.....	33,602	1,138	34,740

CLERK OF SUPERIOR COURT.

Chicago, Country, Total.

William F. Corby.....	24,547	1,411	25,958
Maurice T. Cuillerton.....	22,586	608	23,194
Charles Wurster.....	12,391	544	12,935
John L. Sheridan.....	17,414	749	18,163
Richard J. McGrath.....	27,384	905	28,289
Barney B. Drabanski.....	10,866	416	11,282

CORONER.

Dennis J. Egan.....	45,576	1,996	47,572
George W. Heck.....	16,738	730	17,518
James C. Gavin.....	33,397	823	34,220
Fred A. Van Arsdale.....	8,996	493	9,489
Richard H. Kelly.....	13,566	635	14,191

MEMBER BOARD OF REVIEW.

Fred W. Blocki.....	37,512	1,193	39,415
John T. Donaboe.....	16,713	571	17,284
Charles J. Vopicka.....	38,025	964	38,989
Edward McIlernan.....	2,729	79	2,808
Stephen Lawson.....	3,925	295	4,220
William H. Kelly.....	7,804	338	8,142
T. P. Quinn.....	4,746	226	4,972
Joseph W. Richards.....	3,964	203	4,167
L. D. Wallace, Jr.....	6,341	290	6,631

MEMBER BOARD OF ASSESSORS.

Chicago. Country. Total.

Michael H. Sheridan.....	39,344	1,643	40,987
Joseph Meyer.....	29,129	1,766	30,895
John G. Wallace.....	16,890	813	17,703
Patrick J. Hickey.....	20,981	579	21,560
Frank J. O'Byrne.....	13,504	495	13,999
Maxwell Edgar.....	5,857	373	6,230
Martin Emerich.....	14,805	513	15,318
Robert E. McKinley.....	26,685	803	27,488
David M. Pfaelzer.....	36,030	1,242	37,272
M. N. Mohr.....	8,226	477	8,703

COUNTY SURVEYOR.

William F. Feeney.....	36,507	1,688	38,195
Emmet Kennedy.....	27,415	946	28,411
George C. Waterman.....	41,224	1,707	42,931
E. P. Mont Blanc.....	7,115	251	7,366

PRESIDENT COUNTY BOARD.

Daniel Moriarty.....	36,233	1,440	37,673
Peter Bartzan.....	86,453	3,836	90,289
Charles Hoppe.....	9,387	270	9,657

CHIEF JUSTICE MUNICIPAL COURT.

Spencer Ward.....	39,524		
Henry J. Toner.....	20,330		
George F. Mulligan.....	26,591		
Hiram T. Gilbert.....	16,324		
Morgan L. Davis.....	11,203		

CLERK MUNICIPAL COURT.

Frank P. Danisch.....	38,783		
Lawrence J. Coffey.....	27,239		
John F. Joyce.....	10,390		
John F. O'Brien.....	12,952		
Matt J. Wall.....	7,315		
Edward Penshorn.....	3,228		
John J. Gaynor.....	7,343		
William J. Carter.....	3,378		
John A. Ulrich.....	7,090		
Denis F. McCarthy.....	4,578		
Jeremiah T. Walsh.....	8,527		

BAILIFF MUNICIPAL COURT.

Anton J. Cermak.....	47,327		
John M. Collins.....	11,446		
Joseph Grelm.....	13,905		
James M. Slattery.....	19,632		
J. Frank Murphy.....	4,381		
John P. Gibbons.....	28,363		
Joseph L. Kelly.....	6,194		

JUDGES MUNICIPAL COURT.

Harry M. Fisher.....	56,737		
John K. Prindville.....	61,117		
Stephen A. Malato.....	35,432		
John Courtney.....	43,581		
Joseph S. LaBuy.....	40,792		
Edward T. Wade.....	42,896		
John A. Mahoney.....	50,983		
Joseph A. Rafferty.....	40,545		
Edwin J. Raber.....	33,356		
Henry P. Helzer.....	15,323		
James J. O'Toole.....	33,369		
James C. O'Brien.....	29,907		
John Hugh Lally.....	17,241		
Patrick B. Flanagan.....	25,026		
Lucius J. M. Malmn.....	8,479		
George V. McIntyre.....	17,707		
John J. Sullivan.....	33,925		
Francis K. Busch.....	24,680		
Thomas J. O'Hare.....	24,229		
Henry M. Shabad.....	13,933		
William D. Munhall.....	12,459		
Bernard J. Brown.....	17,317		
Benjamin W. Anderson.....	9,944		
Albert H. Putney.....	10,113		
James E. McGrath.....	20,895		
James H. Poague.....	12,369		
Adolph H. Easter.....	9,426		
Albion Cate.....	5,594		
Frank H. Lennards.....	6,341		
Ambrose A. Worsley.....	7,876		
John A. Harries.....	7,474		
Timothy F. Mullen.....	12,715		
Frank B. Murray.....	12,802		
Martin Walsh.....	19,781		
Frank H. Novak.....	21,211		
Julius Jaffe.....	8,630		
Carole Giglotti.....	3,959		
Robert E. Lee.....	13,026		
John Heron.....	7,816		
Vincent C. Mooney.....	15,587		

For Judges Municipal court under ordinance of city of Chicago.

Two-Year Term.

Morton A. Mergentheimer.....	43,732
Frank H. Graham.....	69,475

Four-Year Term.

David Sullivan.....	65,354
Roy O. Gilbert.....	28,426
Albert H. Tyrrell.....	19,614

Six-Year Term.

Edward J. Queeny.....	54,975
Hugh J. Kearns.....	57,196

CONGRESSMEN.

Dist.

1. Andrew Donovan.....	3,015
William J. Hennessey.....	2,167
George B. Pike.....	1,045
Gustave H. Wischman.....	941
Joseph Frank.....	503
Cabres W. Espey.....	561
2. John C. Vaughan.....	13,106
3. David W. Taylor.....	2,254
George E. Gorman.....	3,402
John F. Delaney.....	826
George A. Schilling.....	2,330
William P. Clancy.....	2,311
Paul A. Draz.....	849
Fred J. Crowley.....	2,904
Peter J. O'Reilly.....	661
4. James T. McDermott.....	7,092
Michael McInerney.....	5,405
William E. Furlong.....	2,096
John B. Brenza.....	950
5. Adolph J. Sabath.....	7,496
Edward J. Forst.....	3,873
Jacob J. Grossberg.....	567
6. James McAndrews.....	6,073
John J. Bryant.....	2,930
George Delvigne.....	1,198
Odin R. Ramin.....	2,014
Edmund J. Stack.....	4,649
Robert C. Sherrard.....	2,091
7. Daniel V. Harkin.....	6,427
Frank Buchanan.....	11,092
B. J. Cigrand.....	1,836
8. John J. Geraghty.....	622
Thomas Gallagher.....	5,944
Z. H. Kadow.....	1,121
John Powers.....	4,441
9. Lynden Evans.....	4,561
Oscar F. Nelson.....	3,381
Joseph S. Martin.....	1,902
10. John E. Waters.....	4,292
Irving Washington.....	3,058
Frank L. Fowler.....	4,909

VOTE FOR REPUBLICAN CANDIDATES.

STATE'S ATTORNEY.

	Chicago.	Country.	Total.
Lewis Rinaker.....	43,259	8,744	49,003
Samuel A. Ettelson.....	17,429	1,308	18,737
Joseph R. Burreas.....	5,415	909	6,324
Benedict J. Short.....	20,006	2,737	22,743
Charles E. Erbsteln.....	4,285	856	5,141
Edwin A. Olson.....	23,460	2,797	26,257
Rolla R. Longenecker.....	3,478	602	4,080
S. W. Haremski.....	2,503	183	2,686
Donald R. Reichberg.....	4,993	732	5,725

RECORDER OF DEEDS.

John C. Cannon.....	57,587	11,183	68,770
Charles J. Forsberg.....	31,508	3,353	34,861
John Cannon.....	5,420	1,011	6,431
John Koelling.....	10,773	1,568	12,341
William Rafferty.....	4,259	684	4,943

CLERK OF CIRCUIT COURT.

Joseph E. Bidwill, Jr.....	68,366	9,728	78,094
John T. O'Connell.....	35,422	6,742	42,164
M. J. Kobilska.....	7,735	888	8,623

CLERK OF SUPERIOR COURT.

Charles W. Vane.....	55,345	10,077	66,022
William H. Reid.....	32,551	4,496	37,147
Clinton P. Lampman.....	16,151	2,400	18,551

CORONER.

Peter M. Hoffman.....	80,065	14,583	94,648
Noble M. Eberhart.....	24,986	2,943	27,929
S. Elsenstaedt.....	7,102	575	7,677

MEMBER BOARD OF REVIEW.

	Chicago.	Country.	Total.
Matthew Mills.....	48,248	8,600	56,848
William Hale Thompson.....	46,760	5,282	52,042
Oliver W. Watson.....	14,715	3,252	17,967
John J. Houllhan.....	3,256	591	3,847

MEMBER BOARD OF ASSESSORS.

Charles Krutckoff.....	53,873	9,324	63,197
Walter E. Schmidt.....	59,628	9,970	69,598
August W. Miller.....	42,128	6,294	48,422
Joseph P. Lupe.....	15,111	1,644	16,755
Edmond Czakowski.....	8,185	658	8,843
John Sman.....	10,145	1,338	11,483
Daniel W. Smith.....	18,026	3,143	21,169

COUNTY SURVEYOR.

Walter A. Olson.....	70,844	10,999	81,843
Benjamin H. Subr.....	11,456	1,809	13,265
Edgar A. Rossiter.....	25,895	4,116	29,951

PRESIDENT COUNTY BOARD.

Alexander A. McCormick.....	73,492	13,055	86,547
Charles Bostrom.....	35,442	4,007	39,449

CHIEF JUSTICE MUNICIPAL COURT.

Harry Olson.....	87,052		
H. M. Goldsmith.....	21,304		

CLERK MUNICIPAL COURT.

Leland S. Rapp.....	60,298		
William J. Umbach.....	30,477		
Charles Ringer.....	20,100		

BAILIFF MUNICIPAL COURT.

Joseph P. Kinsella.....	49,197		
Thomas M. Hunter.....	45,942		
Alexander Fyfe.....	13,358		

JUDGES MUNICIPAL COURT.

Arnold Heap.....	73,086		
Isidor H. Himes.....	65,246		
Edward A. Dicker.....	64,979		
Freeman K. Blake.....	67,641		
William W. Maxwell.....	69,962		
William N. Gerdumill.....	63,099		
Edwin K. Walker.....	73,636		
William N. Cottrell.....	56,554		
David M. Brothers.....	55,403		
Francis C. Day.....	31,251		
Richard P. Garrett.....	13,581		
Charles S. Frank.....	22,881		
Morton G. Smith.....	28,138		
Frank H. Jonizeski.....	17,904		
David T. Alexander.....	24,068		
Frank W. Hoyt.....	25,202		
Elmer W. Adkinson.....	19,752		
Otto L. Kolar.....	18,843		
Edward J. Herulicka.....	14,148		
Sumner C. Palmer.....	15,954		
Louis Ziv.....	8,299		

Mark D. Goodman.....	12,841
Fred W. Kraft.....	11,838
Robert F. Kolb.....	12,464
Lloyd M. Brown.....	16,374
Edgar J. Cook.....	13,447

FOR JUDGES MUNICIPAL COURT UNDER ORDINANCE OF CITY OF CHICAGO.

Two-Year Term.

Anton T. Zeman.....	21,634
Harry A. Tiffany.....	24,901
Benjamin B. Morris.....	34,300
Harry Hamill.....	24,576

Four-Year Term.

William Beebe.....	45,786
James Edgar Brown.....	36,661
James W. Breen.....	21,849

Six-Year Term.

Bernard P. Barasa.....	26,343
Samuel H. Trude.....	61,365
Henry Roth.....	17,546

CONGRESSMEN.

1. Martin B. Madden.....	8,322
2. James R. Mann.....	15,406
3. William H. Walker.....	4,354
4. P. J. McShane.....	2,959
5. William W. Wilson.....	10,514
6. Edwin J. Noble.....	2,217
7. Charles K. Tomkiewicz.....	1,204
8. Stephen J. Napieralski.....	2,204
9. Jacob Gartenstein.....	2,227
10. John M. Sienkiewicz.....	976
11. Louis H. Clusman.....	6,259
12. Carl T. Murray.....	6,371
13. Arthur W. Fulton.....	1,129
14. John C. Cosgrove.....	4,712
15. James M. Kittleman.....	576
16. Adelbert McPherson.....	2,024
17. Thomas Cerny.....	3,758
18. Thomas G. Webster.....	7,525
19. Niels Juul.....	6,107
20. Henry Utpatel.....	762
21. Anton M. Hammer.....	1,037
22. Frederic H. Vercoe.....	1,948
23. Ralph L. Peck.....	1,850
24. William G. Herrmann.....	1,662
25. Charles J. Ryberg.....	1,075
26. Max Drygalski.....	5,167
27. Fred A. Britten.....	1,530
28. William C. Monilton.....	4,730
29. Paul Steinbrecher.....	4,935
30. George W. Paullin.....	883
31. Alfred E. Case.....	14,158
32. George Edmund Foss.....	5,573
33. George P. Engelhard.....	

NOTABLE GIFTS AND BEQUESTS.

Carnegie, Andrew, New York, N. Y., to Home for Federation of North American Indians, Washington, D. C.; to Yale Forestry school, \$100,000.
 Crane, Richard T., Chicago (by will), to providing homes for helpless children, \$1,000,000; to Mary Crane nursery, \$100,000; to Visiting Nurses' association, \$25,000; to Lake Geneva Fresh Air home, \$10,000; to pension fund for Crane company employees, \$1,000,000.
 Hall, Mrs. Walter, of Sydney, N. S. W., for the relief of poverty, \$5,000,000.
 Harris, N. W., Chicago, to Field Museum of Natural History, \$250,000 (Dec. 29, 1911).
 Johnson, Orlando S., Scranton, Pa., \$1,000,000, by will, for manual training school in Scranton.
 Kennedy, Mrs. John S., of New York, to Hartford Theological seminary, \$250,000.
 Leland, Francis L., New York, N. Y., to Metropolitan Museum of Art, New York, \$1,000,000.
 McCormick, Cyrus H., Chicago, to Y. M. C. A. "Mills" hotel, Chicago, \$50,000.
 Neustadter, Mrs. Carolina, New York, N. Y., by

will, to home for poor, \$1,000,000; to other charitable purposes, \$1,000,000.
 Noyes, LaVerne W., Chicago, to working girls' hotel, \$50,000.
 Rosenwald, Julius, of Chicago, to University of Chicago, \$250,000; to various charities, \$427,500; to Y. M. C. A. branch for negroes in New York, N. Y., \$25,000.
 Ryan, Thomas F., New York, to new church of St. Jean Baptiste, New York, N. Y., \$1,000,000.
 Sage, Mrs. Russell, New York, N. Y., to Woman's League for Animals, New York, \$19,000; to Vassar college, \$75,000.
 Seipp, William C., Chicago, by will, to Chicago charities, \$55,000.
 Shedd, John G., Chicago, to Y. M. C. A. "Mills" hotel, Chicago, \$50,000; to working girls' hotel, \$50,000.
 Unnamed, to Ripon college, Ripon, Wis., \$145,000.
 Unnamed, to Vassar college.
 Young, William P., of Newark, N. J., for memorial church, \$750,000.

TYPHOON IN THE PHILIPPINES.

The Philippine islands were swept by a typhoon of great violence Oct. 16, 1912, resulting in the death of approximately 1,000 persons and the destruction of property of an estimated value of \$25,000,000. The storm extended over a wide area,

touching Surigao in the south, Tacloban in the north and crossing Leyte, Bohol, Cebu, Negros and Panay. Five small coasting steamers were driven ashore and many sailing vessels were wrecked or beached.

THE BLIND AND THE DEAF (1900).

[Bureau of the census report, 1906.]

STATE OR TERRITORY.	THE BLIND.			THE DEAF.			STATE OR TERRITORY.	THE BLIND.			THE DEAF.		
	Total.	Totally blind.	Partially blind.	Total.	Totally deaf.	Partially deaf.		Total.	Totally blind.	Partially blind.	Total.	Totally deaf.	Partially deaf.
Alabama.....	1,791	1,055	736	1,335	609	724	Nebraska.....	640	361	279	1,220	522	698
Arizona.....	69	45	25	51	25	26	Nevada.....	56	44	12	61	19	42
Arkansas.....	1,587	762	824	1,317	684	633	New Hampshire.....	417	283	134	739	211	528
California.....	1,196	697	499	1,749	691	1,158	New Jersey.....	1,004	612	392	2,285	720	1,565
Colorado.....	206	190	105	472	176	296	New Mexico.....	450	310	140	303	85	218
Connecticut.....	747	452	295	1,514	526	988	New York.....	5,486	3,287	2,199	9,946	3,751	6,195
Delaware.....	142	76	66	255	79	176	North Carolina.....	1,788	992	796	1,642	920	722
Dist. of Columbia.....	202	129	73	507	212	295	North Dakota.....	168	94	74	256	135	121
Florida.....	394	223	171	882	169	213	Ohio.....	4,466	2,452	2,014	6,080	2,431	3,649
Georgia.....	2,054	1,138	836	1,517	846	671	Oklahoma.....	256	157	133	282	164	118
Idaho.....	111	68	43	146	51	95	Oregon.....	249	150	99	410	193	217
Illinois.....	3,767	1,900	1,777	6,053	2,564	3,489	Pennsylvania.....	4,541	2,569	1,972	7,547	3,103	4,444
Indiana.....	2,987	1,511	1,476	3,607	1,638	1,969	Rhode Island.....	285	182	103	553	172	411
Iowa.....	2,014	1,017	997	2,352	1,200	1,152	South Carolina.....	1,102	617	485	952	500	452
Indian Territory.....	261	134	127	228	94	134	South Dakota.....	280	161	119	430	191	239
Kansas.....	1,400	704	606	2,096	925	1,171	Tennessee.....	2,400	1,170	1,230	2,626	984	1,642
Kentucky.....	2,780	1,553	1,427	2,619	1,257	1,362	Texas.....	2,065	1,176	919	2,316	1,152	1,164
Louisiana.....	1,071	689	382	1,211	527	684	Utah.....	207	118	89	343	156	187
Maine.....	724	384	338	1,287	456	831	Vermont.....	456	247	209	732	358	375
Maryland.....	483	500	423	1,079	613	966	Virginia.....	1,589	886	703	1,913	880	1,033
Massachusetts.....	2,217	1,200	957	4,015	1,283	2,732	Washington.....	210	117	93	374	163	210
Michigan.....	1,946	1,049	897	3,402	1,237	2,065	West Virginia.....	925	453	472	1,146	559	587
Minnesota.....	887	526	361	1,738	862	876	Wisconsin.....	1,500	817	683	2,476	1,181	1,295
Mississippi.....	1,250	678	572	990	512	478	Wyoming.....	20	13	7	29	9	20
Missouri.....	3,325	1,678	1,647	3,766	1,776	1,990	Total.....	64,763	35,645	29,118	89,287	37,426	51,861
Montana.....	59	69	30	126	70	56							

Of the blind in 1900 57.2 per cent were males and 42.8 per cent females; 55 per cent were totally

and 45 per cent partially blind. The number of white blind was 56,535 and of the colored blind 8,228.

INSANE, FEEBLE-MINDED AND PAUPERS (1903-1904).

[Bureau of the census report, 1906.]

STATE OR TERRITORY.	INSANE.				Paupers in almshouses, 1904.	STATE OR TERRITORY.	INSANE.				Paupers in almshouses, 1904.
	No. Dec. 31, 1903.	No. per 100,000 population.	Increase+ Decrease- 1890 to 1903.	Feeble-minded in institutions, 1904.			No. Dec. 31, 1903.	No. per 100,000 population.	Increase+ Decrease- 1890 to 1903.	Feeble-minded in institutions, 1904.	
Alabama.....	1,603	82.6	-14.5	1,509	1,509	Nevada.....	200	472.4	+72.5	.....	518
Arizona.....	224	165.5	+58.2	582	582	New Hampshire.....	496	116.9	-138.3	73	1,786
Arkansas.....	697	4.4	-21.6	1,557	1,557	New Jersey.....	4,865	238.4	-19.5	527	3,525
California.....	5,717	361.3	+32.1	638	2,470	New Mexico.....	113	54.2	-11.4	.....	.....
Colorado.....	754	123.9	-49.8	33	1,092	New York.....	26,176	939.0	+41.5	2,594	22,369
Connecticut.....	2,831	392.9	-17.4	262	4,403	North Carolina.....	1,883	94.5	-12.1	.....	2,382
Delaware.....	353	185.2	+50.2	461	461	North Dakota.....	446	122.0	.....	86	347
Dist. of Columbia.....	2,453	828.6	+143.7	378	378	Ohio.....	8,621	199.0	-2.0	1,307	15,263
Florida.....	713	123.4	+35.7	504	504	Oklahoma.....	413	80.5	-69.2	.....	139
Georgia.....	2,839	120.7	-21.9	1,758	1,758	Oregon.....	1,285	286.9	-82.9	.....	802
Idaho.....	255	135.6	-37.2	238	238	Pennsylvania.....	11,521	172.6	-11.3	2,201	18,792
Illinois.....	9,607	185.5	-11.9	1,507	10,811	Rhode Island.....	1,077	235.0	+4.9	.....	1,339
Indiana.....	4,358	165.5	-15.4	1,118	4,920	South Carolina.....	1,156	82.1	-2.9	.....	1,118
Iowa.....	4,385	186.9	-19.7	1,152	2,915	South Dakota.....	585	141.5	+7.2	77	309
Kansas.....	2,460	165.6	+39.9	434	1,335	Tennessee.....	1,713	81.1	-23.3	.....	3,272
Kentucky.....	3,058	135.9	-10.9	244	2,691	Texas.....	3,345	100.1	-25.4	.....	1,814
Louisiana.....	1,585	107.4	+26.0	224	224	Utah.....	344	114.5	-34.7	.....	808
Maine.....	885	125.3	-71.2	1,960	1,960	Vermont.....	887	255.1	-7.5	.....	645
Maryland.....	2,505	202.0	+44.1	176	3,250	Virginia.....	3,137	162.9	-17.5	46	4,074
Massachusetts.....	8,679	288.5	-15.9	995	14,332	Washington.....	1,178	204.6	-24.9	124	726
Michigan.....	5,430	215.6	-37.7	657	5,093	West Virginia.....	1,475	143.9	-1.8	175	1,600
Minnesota.....	4,070	213.1	-43.7	1,071	1,064	Wisconsin.....	5,023	227.9	-19.6	710	2,938
Mississippi.....	1,493	90.8	+5.2	744	744	Wyoming.....	96	93.0	-27.1	.....	.....
Missouri.....	5,103	156.5	-28.9	354	3,588	Total.....	150,151	186.2	+16.2	16,946	163,176
Montana.....	543	194.4	-49.1	1,073	1,073						
Nebraska.....	1,536	143.9	-55.9	386	688						

INSANE IN FOREIGN COUNTRIES.

COUNTRY.	Year	Number	No. per 100,000 population	COUNTRY.	Year	Number	No. per 100,000 population
England and Wales.....	1903	113,964	340.1	Austria.....	1901	14,895	57.0
Scotland.....	1903	16,658	363.7	Hungary.....	1902	2,716	14.1
Ireland.....	1903	22,138	490.9	Netherlands.....	1903	8,958	167.5
Canada.....	1901	12,819	288.6	Switzerland.....	1901	7,434	224.2
France.....	1904	69,190	177.5	Norway.....	1902	1,833	80.5
Germany.....	1903	108,004	191.6	Sweden.....	1903	5,083	97.3
Italy.....	1899	34,802	103.2	Denmark.....	1901	3,438	140.3

CONGRESSIONAL INVESTIGATION OF THE "MONEY TRUST."

Feb. 24, 1912, the national house of representatives passed a resolution authorizing the committee on banking and currency to make a full investigation of the banking and currency conditions of the United States for the purpose of determining what legislation was needed. The committee, of which Arsene P. Pujo of Louisiana is chairman, began work in May by sending to bankers a blank to be filled out requesting the following information:

A. Statement of stocks, bonds and other securities owned.

B. Securities purchased from officers, etc.

C. Loans to financial institutions and to individuals secured in whole or in part by stocks of financial institutions.

D. Syndicate or underwriting operations.

E. Due to and from banks.

F. Miscellaneous resources and liabilities.

G. Officers, directors and stockholders—their stocks and loans.

H. Calls for: Joint occupancy, if another banking institution occupies the same office.

Title of joint occupant.

Is it controlled by or does it control this bank?

State manner and extent of control.

Has it practically the same officers and clerks?

Affiliated financial institutions:

What institutions are affiliated with this bank?

Is stock of affiliated institutions owned by stockholders of this bank?

If as a corporation, to what extent?

If as individuals, to what extent?

Does transfer of one stock convey ownership of the other?

Is stock held in trust for benefit of stockholders of this bank?

How many banks have been merged in your present organization, either directly or indirectly, by the dissolution of other banks and the purchase of their business and assets?

Give the names of these absorbed banks, their capital stocks and the dates they were taken over.

Bankers generally denounced these questions as too personal and inquisitorial, but the committee insisted on their being answered. In the course of the investigation the following witnesses, among others, were examined: A. Barton Hepburn, chairman of the New York clearing house in 1907; Frank A. Vanderlip of the National City bank, New York; R. H. Thomas, president of the New York stock exchange in 1907, at the time of the panic; William M. Cloud, president of the State Bank of Maryland; C. A. Pugsley, president of the New York Bankers' association; W. E. Frew, chairman of the New York Clearing House association in 1912; J. H. Griesel of Griesel & Rogers, New York; Frederick Lewisohn of the New York banking firm of Lewisohn Bros., and J. Pierpont Morgan. The last named appeared before the committee Dec. 18, on which date the report of thirty statistical experts employed by the committee was made public. According to this report eighteen banks and trust companies control, through interlocking directorates of 134 concerns, \$25,325,000,000 of the capital of the country invested in industrial, transportation and general financial enterprises.

The eighteen banks and trust companies named, through firm members and directors numbering 180, hold in the aggregate 385 directorships in forty-one banks and trust companies having total resources of \$3,832,000,000 and total deposits of \$2,834,000,000; fifty directorships in eleven insurance companies, having total assets of \$2,646,000,000; 155 directorships in thirty-one railroad systems having a total capitalization of \$12,193,000,000 and a total mileage of 163,200; six directorships in two express companies and four directorships in one steamship company, with a combined capital of \$245,000,000 and gross income of \$97,000,000; ninety-eight directorships in twenty-eight producing and trading corporations having a total capitalization of \$3,583,000,000 and total gross annual earnings in excess of \$1,145,000,000, and forty-eight directorships in nineteen public utility corporations having a total capitalization of \$2,826,000,000 and total gross annual earnings in excess of \$428,000,000; in all, 746 directorships in 134 corpora-

tions having total resources or capitalization of \$25,325,000,000.

The eighteen banks and trust companies named in the report were:

J. P. Morgan & Co.	New York
First National bank	New York
Guaranty Trust company	New York
Bankers' Trust company	New York
National City bank	New York
Kuhn, Loeb & Co.	New York
National Bank of Commerce	New York
Hanover National bank	New York
Chase National bank	New York
Astor Trust company	New York
New York Trust company	New York
Speyer & Co.	New York
Blair & Co.	New York
Continental and Commercial National bank	Chicago
First National bank	Chicago
Illinois Trust and Savings bank	Chicago
Kidder, Peabody & Co.	Boston and New York
Lee Higginson & Co.	Boston and New York

The report in explaining a chart relating to Morgan & Co., the First National bank, the National City bank, the Guaranty Trust company and the Bankers' Trust company said:

"1. The table shows that J. P. Morgan & Co., the First National bank, the National City bank, the Guaranty Trust company and the Bankers' Trust company together have:

"One hundred and eighteen directors in thirty-four banks and trust companies having total resources of \$2,679,000,000 and total deposits of \$1,983,000,000.

"Thirty directors in ten insurance companies having total assets of \$2,293,000,000.

"One hundred and five directors in thirty-two transportation systems having a total capitalization of \$1,784,000,000 and a total mileage (excluding express companies and steamship lines) of 150,200.

"Sixty-three directors in twenty-four producing and trading corporations having a total capitalization of \$3,339,000,000.

"Twenty-five directors in twelve public utility corporations having a total capitalization of \$2,150,000,000.

"In all 341 directors in 112 corporations having aggregate resources or capitalization of \$22,245,000,000.

"2. That J. P. Morgan & Co., the Guaranty Trust company, the Bankers' Trust company and the First National bank together have:

"Eighty-nine directors in such banks and trust companies.

"Twenty-nine directors in such insurance companies.

"Seventy-eight directors in such transportation systems.

"Forty-nine directors in such producing and trading corporations.

"Sixteen directors in such public utility corporations.

"In all 261 directors.

"3. That J. P. Morgan & Co., the Guaranty Trust company, the Bankers' Trust company together have:

"Seventy-eight directors in such banks and trust companies.

"Twenty-nine directors in such insurance companies.

"Sixty-four directors in such transportation systems.

"Forty-four directors in such producing and trading corporations, and

"Fourteen directors in such public utility corporations.

"In all 229 directors."

SUFFRAGE DEFEATED IN MICHIGAN.

At the election of Nov. 5, 1912, an amendment providing for the right of women to vote was submitted to the voters of Michigan. The official canvass, concluded Dec. 19, disclosed that a majority of 760 votes had been cast against the proposition.

IMPEACHMENT PROCEEDINGS AGAINST JUDGE ARCHBALD.

The following resolution was introduced and adopted in the house of representatives in Washington, D. C., July 11, 1912, by a vote of 223 yeas to 1 nay, 10 answering present and 155 not voting:

Resolved, That Robert W. Archbald, additional Circuit judge of the United States from the third judicial circuit, appointed pursuant to the act of June 18, 1910 (U. S. Stat. L., vol. 36, 540), and having duly qualified and having been duly commissioned and designated on the 31st day of January, 1911, to serve for four years in the Commerce court, be impeached for misbehavior and for high crimes and misdemeanors; and that the evidence heretofore taken by the committee on the judiciary under house resolution 524 sustains findings articles of impeachment which are hereinafter set out; and that said articles be, and they are hereby, adopted by the house of representatives, and that the same shall be exhibited to the senate in the following words and figures, to wit:

Articles of impeachment of the house of representatives of the United States of America in the name of themselves and of all of the people of the United States of America against Robert W. Archbald, additional Circuit judge of the United States from the third judicial circuit, appointed pursuant to the act of June 18, 1910 (U. S. Stat. L., vol. 36, 540), and having duly qualified and having been duly commissioned and designated on the 31st day of January, 1911, to serve for four years in the Commerce court:

ARTICLE I.

That the said Robert W. Archbald, at Scranton, in the state of Pennsylvania, being a United States Circuit Judge, and having been duly designated as one of the judges of the United States Commerce court, and being then and there a judge of the said court, on March 31, 1911, entered into an agreement with one Edward J. Williams whereby the said Robert W. Archbald and the said Edward J. Williams agreed to become partners in the purchase of a certain culm dump, commonly known as the Katydid culm dump, near Moosic, Pa., owned by the Hillside Coal and Iron company, a corporation, and one John M. Robertson, for the purpose of disposing of said property at a profit. That pursuant to said agreement, and in furtherance thereof, the said Robert W. Archbald, on the 31st day of March, 1911, and at divers other times and at different places, did undertake, by correspondence, by personal conferences and otherwise, to induce and influence, and did induce and influence, the officers of the said Hillside Coal and Iron company and of the Erie Railroad company, a corporation, which owned all of the stock of said coal company, to enter into an agreement with the said Robert W. Archbald and the said Edward J. Williams to sell the interest of the said Hillside Coal and Iron company in the Katydid culm dump for a consideration of \$4,500. That during the period covering the several negotiations and transactions leading up to the aforesaid agreement the said Robert W. Archbald was a judge of the United States Commerce court, duly designated and acting as such judge; and at the time aforesaid and during the time the aforesaid negotiations were in progress the said Erie Railroad company was a common carrier engaged in interstate commerce and was a party litigant in certain suits, to wit, the Baltimore & Ohio Railroad company et al. vs. the interstate commerce commission, No. 28, and the Baltimore & Ohio Railroad company et al. vs. the interstate commerce commission, No. 39, then pending in the United States Commerce court; and the said Robert W. Archbald, judge as aforesaid, well knowing these facts, willfully, unlawfully and corruptly took advantage of his official position as such judge to induce and influence the officials of the said Erie Railroad company and the said Hillside Coal and Iron company, a subsidiary corporation thereof, to enter into a contract with him and the said Edward J. Williams, as aforesaid, for profit to themselves, and that the said Robert W. Archbald, then and there, through the influence exerted by reason of his position as such judge, willfully, unlawfully and corruptly did induce the officers of

said Erie Railroad company and of the said Hillside Coal and Iron company to enter into said contract for the consideration aforesaid.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior as such judge and of a high crime and misdemeanor in office.

ARTICLE 2.

That the said Robert W. Archbald, on the 1st day of August, 1911, was a United States Circuit judge, and, having been duly designated as one of the judges of the United States Commerce court, was then and there a judge of said court.

That at the time aforesaid the Marian Coal company, a corporation, was the owner of a certain culm bank at Taylor, Pa., and was then and there engaged in the business of washing and shipping coal; that prior to that time the said Marian Coal company had filed before the interstate commerce commission a complaint against the Delaware, Lackawanna & Western Railroad company and five other railroad companies as defendants, charging said defendants with discrimination in rates and with excessive charges for the transportation of coal shipped by the said Marian Coal company over their respective lines of road; that all of the said defendant companies were common carriers engaged in interstate commerce. That the decision of the said case by the interstate commerce commission at the instance of either party thereto was subject to a review, under the law, by the United States Commerce court; that one Christopher G. Boland and one William P. Boland were then the principal stockholders of the said Marian Coal company and controlled the operation of the same, and they, the said Christopher G. Boland and the said William P. Boland, employed one George M. Watson as an attorney to settle the case then pending as aforesaid in the interstate commerce commission and to sell to the Delaware, Lackawanna & Western Railroad company two-thirds of the stock of the said Marian Coal company, and at the time aforesaid there was pending in the United States Commerce court a certain suit entitled "The Baltimore & Ohio Railroad company et al. vs. the interstate commerce commission, No. 38," to which suit the said Delaware, Lackawanna & Western Railroad company was a party litigant.

That the said Robert W. Archbald, being judge as aforesaid and well knowing these facts, did then and there engage for a consideration to assist the said George M. Watson to settle the aforesaid case then pending before the interstate commerce commission and to sell to the said Delaware, Lackawanna & Western Railroad company the said two-thirds of the stock of the said Marian Coal company, and in pursuance of said engagement the said Robert W. Archbald, on or about the 10th day of August, 1911, and at divers other times and at different places, did undertake, by correspondence, by personal conferences and otherwise, to induce and influence the officers of the Delaware, Lackawanna & Western Railroad company to enter into an agreement with the said George M. Watson for the settlement of the aforesaid case and the sale of said stock of the Marian Coal company, and the said Robert W. Archbald thereby willfully, unlawfully and corruptly did use his influence as such judge in the attempt to settle said case and to sell said stock of the said Marian Coal company to the Delaware, Lackawanna & Western Railroad company.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior as such judge and of a high crime and misdemeanor in office.

ARTICLE 3.

That the said Robert W. Archbald, being a United States Circuit judge and judge of the United States Commerce court, on or about Oct. 1, 1911, did secure from the Lehigh Valley Coal company, a corporation, which coal company was then and there owned by the Lehigh Valley Railroad company, a common carrier engaged in interstate commerce, and which railroad company was at that time a party litigant in certain suits then pending in the United States Commerce court, to

wit, the Baltimore & Ohio Railroad company et al. vs. interstate commerce commission et al., No. 38, and the Lehigh Valley Railroad company vs. interstate commerce commission et al., No. 49, all of which was well known to said Robert W. Archbald, an agreement which permitted said Robert W. Archbald and his associates to lease a culm dump known as Packer No. 3, near Shenandoah, in the state of Pennsylvania, which said culm dump contained a large amount of coal, to wit, 472,670 tons, and which said culm dump the said Robert W. Archbald and his associates agreed to operate and to ship the product of the same exclusively over the lines of the Lehigh Valley Railroad company, and that the said Robert W. Archbald unlawfully and corruptly did use his official position and influence as such judge to secure from the said coal company the said agreement.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior as such judge and of a misdemeanor in such office.

ARTICLE 4.

That the said Robert W. Archbald, while holding the office of United States Circuit judge and being a member of the United States Commerce court, was and is guilty of gross and improper conduct, and was and is guilty of a misdemeanor as said Circuit judge and as a member of said Commerce court in manner and form as follows, to wit: Prior to and on the 4th day of April, 1911, there was pending in said United States Commerce court the suit of Louisville & Nashville Railroad company vs. the interstate commerce commission. Said suit was argued and submitted to said United States Commerce court on the 4th day of April, 1911; that afterward, to wit, on the 22d day of August, 1911, while said suit was still pending in said court, and before the same had been decided, the said Robert W. Archbald, as a member of said United States Commerce court, secretly, wrongfully and unlawfully did write a letter to the attorney for the said Louisville & Nashville Railroad company requesting said attorney to see one of the witnesses who had testified in said suit on behalf of said company and to get his explanation and interpretation of certain testimony that the said witness had given in said suit, and communicate the same to the said Robert W. Archbald, which request was complied with by said attorney; that afterward, to wit, on the 10th day of January, 1912, while said suit was still pending, and before the same had been decided by said court, the said Robert W. Archbald, as judge of said court, secretly, wrongfully and unlawfully again did write to the said attorney that other members of said United States Commerce court had discovered evidence on file in said suit detrimental to the said railroad company and contrary to the statements and contentions made by the said attorney, and the said Robert W. Archbald, judge of the said United States Commerce court as aforesaid, in said letter requested the said attorney to make to him, the said Robert W. Archbald, an explanation and an answer thereto; and he, the said Robert W. Archbald, as a member of said United States Commerce court aforesaid, did then and there request and solicit the said attorney for the said railroad company to make and deliver to the said Robert W. Archbald a further argument in support of the contentions of the said attorney so representing the said railroad company, which request was complied with by said attorney, all of which on the part of said Robert W. Archbald was done secretly, wrongfully and unlawfully, and which was without the knowledge or consent of the said interstate commerce commission or its attorneys.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior in office, and was and is guilty of a misdemeanor.

ARTICLE 5.

That in the year 1904 one Frederick Warnke of Scranton, Pa., purchased a two-thirds interest in a lease on certain coal lands owned by the Philadelphia & Reading Coal and Iron company, located near Lorberry Junction, in said state, and put up a number of improvements thereon and operated

a culm dump located on said property for several years thereafter; that operations were carried on at a loss; that said Frederick Warnke thereupon applied to the Philadelphia & Reading Coal and Iron company for the mining maps of the said land covered by the said lease and was informed that the lease under which he claimed had been forfeited two years before it was assigned to him, and his application for said maps was therefore denied; that said Frederick Warnke then made a proposition to George F. Baer, president of the Philadelphia & Reading Railroad company and president of the Philadelphia & Reading Coal and Iron company, to relinquish any claim that he might have in this property under the said lease, provided that the Philadelphia & Reading Coal and Iron company would give him an operating lease on what was known as the Lincoln culm bank located near Lorberry; that said George F. Baer referred said proposition to one W. J. Richards, vice-president and general manager of the Philadelphia & Reading Coal and Iron company, for consideration and action; that, the general policy of the said coal company being adverse to the lease of any of its culm banks, the said George F. Baer and the said W. J. Richards declined to make the lease, and the said Frederick Warnke was so advised; that the said Frederick Warnke then made several attempts, through his attorneys and friends, to have the said George F. Baer and the said W. J. Richards reconsider their decision in the premises, but without avail; that on or about Nov. 1, 1911, the said Frederick Warnke called upon Robert W. Archbald, who was then and now is a United States Circuit judge, having been duly designated as one of the judges of the United States Commerce court, and asked him, the said Robert W. Archbald, to intercede in his behalf with the said W. J. Richards; that on Nov. 24, 1911, the said Robert W. Archbald, judge as aforesaid, pursuant to said request, did write a letter to the said W. J. Richards requesting an appointment with the said W. J. Richards; that several days thereafter the said Robert W. Archbald called at the office of the said W. J. Richards to intercede for the said Frederick Warnke; that the said W. J. Richards then and there informed the said Robert W. Archbald that the decision which he had given to the said Warnke must be considered as final, and the said Archbald so informed the said Warnke; that the entire capital stock of the Philadelphia & Reading Coal and Iron company is owned by the Reading company, which also owns the entire capital stock of the Philadelphia & Reading Railroad company, which last named company is a common carrier engaged in interstate commerce.

That the said Robert W. Archbald, judge as aforesaid, well knowing all the aforesaid facts, did wrongfully attempt to use his influence as such judge to aid and assist the said Frederick Warnke to secure an operating lease of the said Lincoln culm dump owned by the Philadelphia & Reading Coal and Iron company as aforesaid, which lease the officials of the said Philadelphia & Reading Coal and Iron company had theretofore refused to grant, which said fact was also well known to the said Robert W. Archbald.

That the said Robert W. Archbald, judge as aforesaid, shortly after the conclusion of his attempted negotiations with the officers of the Philadelphia & Reading Railroad company and the Philadelphia & Reading Coal and Iron company aforesaid in behalf of the said Frederick Warnke and on or about the 31st day of March, 1912, willfully, unlawfully and corruptly did accept, as a gift, reward or present, from the said Frederick Warnke, tendered in consideration of favors shown him by said judge in his efforts to secure a settlement and agreement with the said railroad company and the said coal company, and for other favors shown by said judge to the said Frederick Warnke, a certain promissory note for \$500 executed by the firm of Warnke & Co., of which the said Frederick Warnke was a member.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior as a judge and high crimes and misdemeanor in office.

ARTICLE 6.

That the said Robert W. Archbald, being a United States Circuit judge and a judge of the United States Commerce court, on or about the 1st day of December, 1911, did unlawfully, improperly and corruptly attempt to use his influence as such judge with the Lehigh Valley Coal company and the Lehigh Valley Railway company to induce the officers of said companies to purchase a certain interest in a tract of coal land containing 800 acres, which interest at said time belonged to certain persons known as the Everhardt heirs.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior in office, and was and is guilty of a misdemeanor.

ARTICLE 7.

That during the months of October and November, A. D. 1908, there was pending in the United States District court, in the city of Scranton, state of Pennsylvania, over which court Robert W. Archbald was then presiding as the duly appointed judge thereof, a suit or action at law wherein the Old Plymouth Coal company was plaintiff and the Equitable Fire and Marine Insurance company was defendant. That the said coal company was principally owned and entirely controlled by one W. W. Rissinger, which fact was well known to said Robert W. Archbald; that on or about Nov. 1, 1908, and while said suit was pending, the said Robert W. Archbald and the said W. W. Rissinger wrongfully and corruptly agreed together to purchase stock in a gold-mining scheme in Honduras, Central America, for the purpose of speculation and profit; that in order to secure the money with which to purchase said stock the said Rissinger executed his promissory note in the sum of \$2,500, payable to Robert W. Archbald and Sophia J. Hutchison, which said note was indorsed then and there by the said Robert W. Archbald for the purpose of having same discounted for cash; that one of the attorneys for said Rissinger in the trial of said suit was one John T. Lenahan; that on the 23d day of November, 1908, said suit came on for trial before said Robert W. Archbald, judge presiding, and a jury, and after the plaintiff's evidence was presented the defendant insurance company demurred to the sufficiency of said evidence and moved for a nonsuit, and after extended argument by attorneys for both plaintiff and defendant the said Robert W. Archbald ruled against the defendant and in favor of the plaintiff, and thereupon the defendant proceeded to introduce evidence before the conclusion of which the jury was dismissed and a judgment rendered in favor of the plaintiff for \$2,500, to be discharged upon the payment of \$2,129.65 if paid within fifteen days from Nov. 23, 1908, and on the same day judgments were entered in a number of other like suits against different insurance companies, which resulted in the recovery of about \$28,000 by the Old Plymouth Coal company; that before the expiration of said fifteen days the said Rissinger, with the knowledge and consent of said Robert W. Archbald, presented said note to the said John T. Lenahan for discount, which was refused and which was later discounted by a bank and has never been paid.

All of which acts on the part of the said Robert W. Archbald were improper, unbecoming and constituted misbehavior in his said office as judge, and render him guilty of a misdemeanor.

ARTICLE 8.

That during the summer and fall of the year 1909 there was pending in the United States District court for the middle district of Pennsylvania, in the city of Scranton, over which court the said Robert W. Archbald was then and there presiding as the duly appointed judge thereof, a civil action wherein the Marian Coal company was defendant, which action involved a large sum of money, and which defendant coal company was principally owned and controlled by one Christopher G. Boland and one William P. Boland, all of which was well known to said Robert W. Archbald, and while said suit was so pending the said Robert W. Archbald drew a note for \$500, payable to himself, and which note was signed by one John Henry Jones and indorsed by the said Robert W. Archbald, and

then and there during the pendency of said suit as aforesaid the said Robert W. Archbald wrongfully agreed and consented that the said note should be presented to the said Christopher G. Boland and the said William P. Boland, or one of them, for the purpose of having the said note discounted, corruptly intending that his name on said note would coerce and induce the said Christopher G. Boland and the said William P. Boland, or one of them, to discount the same because of the said Robert W. Archbald's position as judge and because the said Bolands were at that time litigants in said court.

Wherefore the said Robert W. Archbald was and is guilty of gross misconduct in his office as judge, and was and is guilty of a misdemeanor in his said office as judge.

ARTICLE 9.

That the said Robert W. Archbald of the city of Scranton and state of Pennsylvania, on or about Nov. 4, 1909, being then and there a United States District judge in and for the middle district of Pennsylvania, in the city of Scranton and state of Pennsylvania, did draw a note in his own proper handwriting, payable to himself, in the sum of \$500, which said note was signed by one John Henry Jones, which said note the said Robert W. Archbald indorsed for the purpose of securing the sum of \$500, and the said Robert W. Archbald, well knowing that his indorsement would not secure money in the usual commercial channels, then and there wrongfully did permit the said John Henry Jones to present said note for discount, at his law office, to one C. H. Von Storch, attorney at law and practitioner in said District court, which said Von Storch, a short time prior thereto, was a party defendant in a suit in the said District court presided over by the said Robert W. Archbald, which said suit was decided in favor of the said Von Storch upon a ruling by the said Robert W. Archbald, and when the said note was presented to the said Von Storch for discount as aforesaid the said Robert W. Archbald wrongfully and improperly used his influence as such judge to induce the said Von Storch to discount same; that the said note was then and there discounted by the said Von Storch, and the same has never been paid, but is still due and owing.

Wherefore the said Robert W. Archbald was and is guilty of gross misconduct in his said office, and was and is guilty of a misdemeanor in his said office as judge.

ARTICLE 10.

That the said Robert W. Archbald, while holding the office of United States District judge in and for the middle district of the state of Pennsylvania, on or about the 1st day of May, 1910, wrongfully and unlawfully did accept and receive a large sum of money, the exact amount of which is unknown, from the house of representatives, from one Henry W. Cannon; that said money so given by the said Henry W. Cannon and so unlawfully and wrongfully received and accepted by the said Robert W. Archbald, judge as aforesaid, was for the purpose of defraying the expenses of a pleasure trip of the said Robert W. Archbald to Europe; that the said Henry W. Cannon, at the time of the giving of said money and the receipt thereof by the said Robert W. Archbald, was a stockholder and officer in various and divers interstate railway corporations, to wit: A director in the Great Northern railway, a director in the Lake Erie & Western Railroad company and a director in the Port Wayne, Cincinnati & Louisville Railroad company; that the said Henry W. Cannon was president and chairman of the board of directors of the Pacific Coast company, a corporation which owned the entire capital stock of the Columbia & Puget Sound Railroad company, the Pacific Coast Railway company, the Pacific Coast Steamship company and various other corporations engaged in the mining of coal and in the development of agricultural and timber land in various parts of the United States; that the acceptance by the said Robert W. Archbald, while holding said office of United States District judge, of said favors from an officer and official of the said corporations, any of which in the

due course of business was liable to be interested in litigation pending in the said court over which he presided as such judge, was improper and had a tendency to and did bring his said office of District judge into disrepute.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior in office, and was and is guilty of a misdemeanor.

ARTICLE 11.

That the said Robert W. Archbald, while holding the office of United States District judge in and for the middle district of the state of Pennsylvania, did, on or about the 1st day of May, 1910, wrongfully and unlawfully accept and receive a sum of money in excess of \$500, which sum of money was contributed and given to the said Robert W. Archbald by various attorneys who were practitioners in the said court presided over by the said Robert W. Archbald; that said money was raised by subscription and solicitation from said attorneys by two of the officers of said court, to wit, Edward R. W. Searle, clerk of said court, and J. B. Woodward, jury commissioner of said court, both the said Edward R. W. Searle and the said J. B. Woodward having been appointed to the said positions by the said Robert W. Archbald, judge aforesaid.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior in office, and was and is guilty of a misdemeanor.

ARTICLE 12.

That on the 9th day of April, 1901, and for a long time prior thereto, one J. B. Woodward was a general attorney for the Lehigh Valley Railroad company, a corporation and common carrier doing a general railroad business; that on said day the said Robert W. Archbald, being then and there a United States District judge in and for the middle district of Pennsylvania, and while acting as such judge, did appoint the said J. B. Woodward as a jury commissioner in and for said judicial district, and the said J. B. Woodward, by virtue of said appointment and with the continued consent and approval of the said Robert W. Archbald, held such office and performed all the duties pertaining thereto during all the time that the said Robert W. Archbald held such office of United States District judge, and that during all of the said time that the said J. B. Woodward continued to act as a general attorney for the said Lehigh Valley Railroad company; all of which was at all times well known to the said Robert W. Archbald.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior in office, and was and is guilty of a misdemeanor.

ARTICLE 13.

That Robert W. Archbald, on the 29th day of March, 1901, was duly appointed United States District judge for the middle district of Pennsylvania and held such office until the 31st day of January, 1911, on which last named date he was duly appointed a United States Circuit judge and designated as a judge of the United States Commerce court.

That during the time in which the said Robert W. Archbald has acted as such United States District judge and judge of the United States Commerce court he, the said Robert W. Archbald, at divers times and places, has sought wrongfully to obtain credit from and through certain persons who were interested in the result of suits then pending and suits that had been pending in the court over which he presided as judge of the District court, and in suits pending in the United States Commerce court, of which the said Robert W. Archbald is a member.

That the said Robert W. Archbald, being United States Circuit judge and being then and there a judge of the United States Commerce court, at Scranton, in the state of Pennsylvania, on the 31st day of March, 1911, and at divers other times and places, did undertake to carry on a general business for speculation and profit in the purchase and sale of culm dumps, coal lands and other coal properties, and for a valuable consideration to compromise litigation pending before the interstate commerce commission, and in the furtherance of his efforts to compromise such litigation and of his speculations in coal properties, willfully, unlawfully and corruptly did use his influence as a judge of the said United States Commerce court to induce the officers of the Erie Railroad company, the Delaware, Lackawanna & Western Railroad company, the Lackawanna & Wyoming Valley Railroad company and other railroad companies engaged in interstate commerce, respectively, to enter into various and divers contracts and agreements in which he was then and there financially interested with divers persons, to wit, Edward J. Williams, John Henry Jones, Thomas H. Jones, George M. Watson and others, without disclosing his said interest therein on the face of the contract, but which interest was well known to the officers and agents of said railroad companies.

That the said Robert W. Archbald did not invest any money or other thing of value in consideration of any interest acquired or sought to be acquired by him in securing or in attempting to secure such contracts or agreements or properties as aforesaid, but used his influence as such judge with the contracting parties thereto and received an interest in said contracts, agreements and properties in consideration of such influence in aiding and assisting in securing same.

That the said several railroad companies were and are engaged in interstate commerce, and at the time of the execution of the several contracts and agreements aforesaid and of entering into negotiations looking to such agreements had divers suits pending in the United States Commerce court, and that the conduct and efforts of the said Robert W. Archbald in endeavoring to secure and in securing such contracts and agreements from said railroad companies were continuous and persistent from the said 31st day of March, 1911, to about the 15th day of April, 1912.

Wherefore the said Robert W. Archbald was and is guilty of misbehavior as such judge and of misdemeanors in office. CHAMP CLARK, Speaker of the House of Representatives.

Attest: SOUTH TRIMBLE, Clerk.

By J. C. SOUTH, Chief Clerk.

The managers on the part of the house, who were Henry D. Clayton of Alabama, Edwin Y. Webb of North Carolina, John C. Floyd of Arkansas, John W. Davis of West Virginia, John A. Sterling of Illinois, Paul Howland of Ohio and George W. Norris of Nebraska, presented the resolution and articles of impeachment to the senate July 15, and the proceedings there were conducted according to the rules provided for such cases. The message of the house was referred to a special committee consisting of Senators Clark of Wyoming, Nelson of Minnesota, Dillingham of Vermont, Bacon of Georgia and Culberson of Texas.

Judge Robert W. Archbald, who was represented by A. S. Worthington and R. W. Archbald, Jr., made his formal appearance before the senate July 19. Aug. 2 the senate ordered that the trial be set for Dec. 2, and on that day the proceedings were resumed. They had not been concluded at the time this edition of The Daily News Almanac and Year-Book went to press.

JUDICIARY RECALL IN ARIZONA.

Both houses of the Arizona legislature adopted an amendment to the state constitution April 6, 1912, providing for the recall of the judiciary, and the bill was signed immediately by the governor. The vote in the house was unanimous, while there were two dissenting votes in the senate. The re-

call of judges formed a part of the constitution as originally adopted, but was stricken out as a condition precedent to the admission of Arizona as a state. President Taft was strongly opposed to that feature of the document.

UNITED STATES POSTAL SERVICE. GROWTH OF SERVICE SINCE 1850.

Year.	Revenue.	Expenditures.	Deficit.	Total offices.	Presidential offices.
1850.....	\$5,499,984.86	\$5,212,953.43		18,417	.....
1860.....	8,518,067.40	19,170,609.89	\$10,652,542.49	28,498	433
1870.....	19,772,220.65	28,998,837.63	4,226,616.98	28,492	1,093
1880.....	33,315,419.24	36,542,803.68	3,227,384.34	42,989	1,760
1890.....	60,832,097.92	66,259,547.58	5,377,449.66	62,401	2,733
1900.....	76,983,128.19	87,179,551.28	10,196,423.09	70,064	4,237
1901.....	102,354,579.29	107,740,267.99	5,385,688.70	76,691	4,469
1902.....	111,631,193.39	115,554,920.87	3,981,520.71	76,237	4,743
1903.....	121,848,407.26	124,785,697.07	2,961,169.91	74,031	5,045
1904.....	134,224,443.24	138,784,487.97	4,586,977.16	71,325	5,366
1905.....	148,582,624.34	152,362,116.70	8,127,769.17	68,138	5,554
1906.....	152,826,585.10	167,399,169.23	14,594,387.12	65,600	5,910
1907.....	167,932,782.95	178,448,778.89	10,542,941.76	62,660	6,317
1908.....	183,585,005.57	190,238,288.34	6,692,031.47	61,158	6,819
1909.....	191,478,663.41	203,351,836.15	16,910,278.99	60,144	7,202
1910.....	203,562,388.07	221,004,102.89	17,479,770.47	59,580	7,592
1911.....	224,128,657.62	229,977,224.50	5,851,481.95	59,237	8,228
1912.....	237,879,823.60	237,648,928.68	*219,113.12	58,729	
	246,744,015.88	248,525,450.08	1,785,523.10		

*Surplus.

NOTE—July 1, 1863, first-class postage, 3 cents per one-half ounce, any distance; Oct. 1, 1883, first-class postage, 2 cents per one-half ounce, any distance; July 1, 1885, first-class postage, 2 cents per ounce, any distance.

RAILWAY MAIL SERVICE.

Year.	Clerks.	Cost.	Year.	Clerks.	Cost.
1865 (est.) 64	.....	.....	1904.....	11,437	\$12,105,549.77
1870.....	1,157	.....	1905.....	12,284	13,285,242.94
1880.....	2,946	\$1,367,463.35	1906.....	13,401	14,177,969.99
1890.....	5,836	5,562,844.35	1907.....	14,184	15,175,587.76
1895.....	6,481	7,103,025.30	1908.....	15,295	17,373,336.92
1900.....	8,635	8,838,993.92	1909.....	15,866	18,356,800.13
1901.....	9,105	9,675,438.52	1910.....	16,579	19,389,414.44
1902.....	9,627	10,264,588.38	1911.....	16,792	20,106,909.40
1903.....	10,418	11,228,945.75	1912.....	16,636	20,171,676.12

*Cost of service included with "transportation of mails" prior to 1876.

CITY FREE-DELIVERY SERVICE.

Year.	Carriers.	Cost.	Year.	Carriers.	Cost.
1863 (est.) 685	.....	\$204,477.77	1904.....	20,761	\$20,561,208.01
1870.....	1,362	1,231,340.68	1905.....	21,778	20,919,078.13
1880.....	2,623	2,363,717.71	1906.....	22,965	22,067,176.70
1890.....	9,066	7,977,514.26	1907.....	24,577	25,248,555.90
1895.....	12,714	12,145,408.77	1908.....	26,352	26,343,201.19
1900.....	16,322	14,112,190.04	1909.....	27,620	29,770,650.36
1901.....	16,359	15,752,600.00	1910.....	28,715	31,737,673.64
1902.....	17,785	17,123,310.90	1911.....	29,168	33,087,876.80
1903.....	19,542	19,337,986.00	1912.....	29,962	34,162,562.83

RURAL FREE-DELIVERY SERVICE.

Year.	44	.....	1905.....	32,055	\$20,819,944.69
1898.....	148	\$49,999.71	1906.....	35,666	24,738,980.79
1899.....	391	149,979.69	1907.....	37,582	26,653,304.36
1900.....	1,276	420,433.17	1908.....	39,143	34,355,209.04
1901.....	4,301	1,749,525.06	1909.....	40,499	35,549,280.34
1902.....	8,466	3,993,706.51	1910.....	40,997	37,041,156.09
1903.....	15,119	8,011,635.48	1911.....	41,560	37,122,254.03
1904.....	24,465	12,640,070.35	1912.....	42,169	41,840,910.94

*Cost included in "City free-delivery" service.

RECEIPTS AND EXPENDITURES.

Fiscal year ended June 30, 1912.

RECEIPTS.	
Sales of postage stamps, postal cards, etc.	\$221,563,619.00
Second class postage, paid in money...	9,399,140.61
3d and 4th class postage, paid in money	5,444,615.19
Box rents.	4,645,664.04
Miscellaneous receipts.	71,709.92
Letter postage, paid in money.	209,263.76
Fines and penalties.	55,201.95
Dead letters.	33,122.39
Revenue from money-order business.	4,843,364.74
Unpaid money orders more than one year old.	478,314.28
Total	246,744,015.88

EXPENDITURES.

Advertising	\$1,520.13
Rent of buildings, postoffice department	34,400.00
Electric power, light, etc.	3,953.12
Postoffice inspectors	1,102,205.82
Investigating labor-saving devices.	14.03

Payment of rewards.	19,210.53
Mis. expenses, postmaster-general.	1,025.85
Compensation to postmasters.	29,647,726.32
Assistant postmasters and clerks in postoffice	42,484,457.37
Rent, light and fuel.	4,280,468.70
Mis. items, 1st and 2d class offices.	308,207.21
Canceled machines, etc.	293,823.43
Mechanical and labor-saving devices.	46,070.91
Assistant superintendents, salary and allowance division.	3,730.91
City delivery service.	34,162,562.83
Special delivery service.	1,479,599.43
Miscellaneous expenses first assistant postmaster-general	551.22
Mail transportation in Alaska, star.	180,342.35
Mail transportation, boat.	835,040.20
Mail-messenger service.	1,698,787.45
Pneumatic tube service.	930,373.01
Wagon service.	1,687,880.09
Mail bags, etc.	293,892.67
Laborers, mail-bag repair shops.	98,914.56
Mail equipment shop, Chicago, Ill.	2,449.12
Mail locks and keys, etc.	9,625.60
Laborers, mail-lock repair shop.	34,074.92
Mail transportation, railroad.	47,095,984.16
Tabulating railroad statistics.	5,439.99
Freight on mail bags, postal cards, etc.	498,072.74
Railway postoffice car service.	4,695,317.05
Electric and cable car service.	20,711,675.12
Transportation of foreign mails.	680,522.87
Assistant supt., division foreign mails.	3,043,632.44
Balances due foreign countries.	2,500.00
Miscellaneous expenses, second assistant postmaster-general.	862,574.15
Manufacture of postage stamps.	467.35
Manufacture of stamped envelopes and newspaper wrappers.	617,755.57
Distribution of stamped and official envelopes, etc.	1,352,610.14
Manufacture of postal cards.	24,704.36
Distribution of postal cards.	246,545.71
Shp., steamboat and way letters.	407.19
Indemnities, domestic registered mail.	61.58
Indemnities, international registered mail.	18,131.23
Miscellaneous expenses, third assistant postmaster-general.	3,393.19
Unpaid money orders more than one year old.	955.65
Stationery.	509,387.29
Official and registry envelopes.	116,757.62
Distribution of registry envelopes.	63,484.98
Blanks, etc., money order service.	468.97
Miscellaneous items, registry system.	143,687.60
Supplies, city delivery service.	294.10
Postmarking, rating and money order stamps.	104,363.52
Letter balances and scales.	41,056.26
Wrapping paper.	13,688.81
Wrapping twine and tying devices.	11,973.34
Facing slips.	213,241.76
Typewriters, etc.	61,889.26
Supplies, rural delivery service.	82,411.78
	48,611.86

Shipment of supplies.....	\$3,901.45
Intaglio seals, foreign mail service.....	8,664.35
Mail transportation, star.....	6,877,212.75
Rural delivery service.....	41,840,910.94

Miscellaneous expenses, fourth assistant postmaster-general.....	864.28
Net audited expenditures.....	248,525,450.08

AMERICAN INHERITANCE TAX LAWS.

State.	Collateral. Rates. Per cent.	Exemption. Per cent.	Direct. Rates. Per cent.	Exemption. Per cent.
Arkansas.....	5	...	...	...
California.....	1½-15	\$500-\$2,000	1-3	\$4,000
Colorado.....	3-6	500	2	10,000
Connecticut.....	3	10,000	1-2	10,000
Delaware ²	5	500	...	...
Idaho.....	1½-15	500-2,000	1-3	4,000
Illinois.....	2-6	500-2,000	1	20,000
Iowa.....	5	500	...	...
Kentucky.....	5	1,000	2	10,000
Louisiana ³	5	...	...	...
Maine.....	4	500	...	...
Maryland.....	2½	500	...	...
Massachusetts.....	3-5	1,000	1-2	10,000
Michigan.....	5	100	1	2,000
Minnesota.....	1½-5	10,000	1½-6	10,000
Missouri.....	5	...	...	...
Montana.....	5	500	1	7,500
Nebraska.....	2-6	500-2,000	1	10,000
New Hampshire.....	5	...	...	...
New Jersey.....	5	500	1	10,000
New York.....	5	500	1	10,000
North Carolina.....	1½-15	2,000	2-4	2,000
North Dakota.....	2	25,000	...	...
Ohio.....	5	200	...	...
Oklahoma.....	1-5	100-500	1	75,000
Oregon.....	2-6	500-2,000	1	5,000
Pennsylvania.....	5	250	...	...
South Dakota.....	2-10	100-500	1	5,000
Tennessee.....	5	250	...	...
Texas.....	2-12	500-2,000	...	...
Utah.....	5	10,000	5	10,000
Vermont.....	5	...	...	...
Virginia.....	5	...	...	...
Washington.....	3-12	...	1	10,000
West Virginia.....	3-7½	...	1	20,000
Wisconsin.....	1½-15	100-500	1-3	12,000
Wyoming.....	5	500	2	10,000

empt. ⁴For the surviving husband or wife and children, if residents of Wyoming, \$25,000. ⁵For widows, \$10,000.

Note—The Oklahoma rates are subject to increase when the inheritance exceeds a certain amount in the various classes.

INHERITANCE TAX IN ILLINOIS.

The Illinois law taxing gifts, legacies and inheritances was passed by the legislature in 1895 and amended in 1901. Its constitutionality was contested, but the United States Supreme court in a decision rendered Jan. 19, 1903, held it to be valid.

Under the provisions of this law all property, real, personal and mixed, which shall pass by will or by the intestate laws of the state from any resident of the state or any one whose property is in this state to any person or persons is subject to a tax at the following rates: When the beneficial interests to any property or income therefrom shall pass to any father, mother, husband, wife, child, brother, sister, wife or widow of the son or the husband of the daughter, or any adopted child or children, or to any lineal descendant born in lawful wedlock, the rate of tax shall be \$1 on every \$100 of the clear market value of such property received by each person and at the same rate for any less amount, provided that any estate which may be valued at less than \$20,000 shall not be subject to any such tax; and the tax is to be levied in the above cases only upon the excess of \$20,000 received by each person.

When the property passes to any uncle, aunt, niece, nephew or any lineal descendant of the same the rate shall be \$2 on every \$100 in excess of \$2,000.

In all other cases the rate shall be as follows: On each and every \$100 of the clear market value of all property and at the same rate for any less amount; on all estates of \$10,000 and less, \$8; on all estates of over \$10,000 and not exceeding \$20,000, \$4; on all estates over \$20,000 and not exceeding \$50,000, \$5, and all estates over \$50,000, \$6; provided, that an estate in the above case which may be valued at a less sum than \$500 shall not be subject to any tax.

MORTGAGE INDEBTEDNESS OF UNITED STATES FARMS.

[From census bureau report.]

The total number of farms in the United States operated by their owners which were mortgaged in 1910 was 1,327,439, while 2,621,283 were reported as free from mortgage. These figures show an increase since 1900 of 17.7 per cent in the number of farms mortgaged, and of 4.4 per cent in the number of farms free from mortgage. Of the farms 58,104 were operated by managers, a decrease of 1.7 per cent since 1900, and 2,354,676 farms were operated by tenants, an increase of 16.3 per cent since 1900. The following table shows the number of farms free from mortgage and the number mortgaged in 1910 by divisions and the per cent of increase from 1900 to 1910:

Division.	NOT MORTGAGED.	Number.	crease.	*Pct. in-
New England.....	109,586	1.0		
Middle Atlantic.....	219,093	2.2		
East North Central.....	478,408	-5.0		
West North Central.....	408,980	0.7		
South Atlantic.....	481,412	9.9		
East South Central.....	394,573	3.6		
West South Central.....	305,792	-0.2		
Mountain Central.....	127,400	70.1		
Pacific.....	96,039	23.1		
United States.....	2,621,283	4.4		
MORTGAGED.				
New England.....	58,822	4.8		
Middle Atlantic.....	135,943	-5.9		
East North Central.....	330,636	0.9		
West North Central.....	349,966	8.4		

Division.	Number.	*Pct. in-crease.
South Atlantic.....	111,742	26.7
East South Central.....	115,879	48.6
West South Central.....	135,113	98.7
Mountain Central.....	35,444	166.1
Pacific.....	55,894	87.8
United States.....	1,327,439	17.7

*Minus sign (-) denotes decrease.

The total value of the land and buildings of the 1,006,511 farms for which both the fact of mortgage indebtedness and its amounts were reported was \$6,330,000,000, and the amount of debt was \$1,726,000,000, or 27.3 per cent of the value. The average amount of mortgage indebtedness per farm increased from \$1,224 in 1890 to \$1,715 in 1910, but the average value per farm increased from \$3,444 to \$6,289 and therefore the owner's equity per farm increased from \$2,220 to \$4,574, or more than double.

FOOTBALL ACCIDENTS AND FATALITIES.

From statistics compiled by the Chicago Record-Herald.

Deaths.		Injuries.	Deaths.		Injuries.
1901.....	7	74	1907.....	15	166
1902.....	15	106	1908.....	11	304
1903.....	14	63	1909.....	30	216
1904.....	14	276	1910.....	22	499
1905.....	24	200	1911.....	11	178
1906.....	14	160	1912.....	13	183

UNITED STATES PARCEL POST REGULATIONS.

(For text of parcel post law see page 184.)

Complete regulations for the parcel post system had not been announced at the time this edition of The Daily News Almanac and Year-Book went to press, but it was announced that a parcel post map and guide would be placed on sale to the public at a nominal price by Jan. 1, 1913, when the system was to go into effect.

The map will show each unit of area in the United States properly numbered. Each postoffice will be furnished with a map suitable for use in the unit in which that postoffice is located.

The guide will contain the regulations for the conduct of the service and a list of postoffices with their respective unit numbers.

Seeds, cuttings, bulbs, roots, scions and plants will be permitted in the parcel post mails under regulations as to size and weight applicable to other parcel post packages, but at the rate of postage of 1 cent for two ounces or fraction thereof regardless of distance.

All matter now classified as third-class matter will not be permitted in the parcel post mails.

Farm and factory products will be admitted to the parcel post mails under certain regulations found in the parcel post guide.

Distinctive parcel post stamps must be used on all fourth-class matter, including that weighing four ounces and less, beginning Jan. 1, 1913. Such matter bearing ordinary postage stamps will be treated as "Held for postage."

A parcel not more than 3 feet 6 inches in length may measure as much as 2 feet 6 inches in girth or around its thickest part. A shorter parcel may be thicker; thus, if it measures no more than 3 feet in length it may measure as much as 3 feet in girth or around its thickest part. Measurements will be made by means of a six foot tape line furnished to postmasters by the department. So much of the tape as is not used in measuring the length is the measure of the maximum girth permissible.

Parcels will be mailable only at postoffices, branch postoffices, lettered and local named stations, and such numbered stations as may be designated by the postmaster, or presented to a rural or other carrier duly authorized to receive such matter.

All parcels must bear the return card of the sender, otherwise they will not be accepted for mailing.

Parcels will be delivered at all free delivery offices and to patrons residing on rural and star routes; they may be registered and may be accorded special delivery service on payment of the usual fees, and they may be insured against loss in an amount equivalent to their actual value, but not to exceed \$25, upon payment of a fee of 5 cents. Distinctive stamps must be used on all parcels, but they may be mailed in quantities of not less than 2,000 identical pieces without stamps affixed, the postage being paid in money.

TABLE OF PARCEL POST RATES BY ZONES.

	1st zone. Local rate.	2d zone. Zone rate, 50 to 150 50 miles.	3d zone. Zone rate, 150 to 300 miles.	4th zone. Zone rate, 300 to 600 miles.	5th zone. Zone rate, 600 to 1,000 miles.	6th zone. Zone rate, 1,000 to 1,400 miles.	7th zone. Zone rate, 1,400 to 1,800 miles.	8th zone. Zone rate, 1,800 to all over 1,800 miles.
1.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.10	\$0.12
2.....	.06	.08	.10	.12	.14	.16	.19	.24
3.....	.07	.11	.14	.17	.20	.23	.28	.36
4.....	.08	.14	.18	.22	.26	.30	.37	.48
5.....	.09	.17	.22	.27	.32	.37	.46	.60
6.....	.10	.20	.26	.32	.38	.44	.55	.72
7.....	.11	.23	.30	.37	.44	.51	.64	.84
8.....	.12	.26	.34	.42	.50	.58	.73	.96
9.....	.13	.29	.38	.47	.56	.65	.82	1.08
10.....	.14	.32	.42	.52	.62	.72	.91	1.20
11.....	.15	.35	.46	.57	.68	.79	1.00	1.32

The local rate is applicable to parcels intended for delivery at the office of mailing or on a rural route starting therefrom.

MAP OF PARCEL POST ZONES APPLICABLE TO CHICAGO.



The United States has 5,803 units, for each of which the government supplies a separate map like that here shown.

ELECTORAL VOTE BY STATES (1900-1912).

STATE.	1912.				1908.				1904.				1900.			
	Wilson, D.	Roosevelt, Prog. R.	Taft, R.		Taft, R.	Bryan, D.			Roosevelt, R.	Par-ker, D.			McKin-ley, R.	Bryan, D.		
Alabama.....	13					11			11				11			
Arizona.....	3															
Arkansas.....	9	11			10	9			10	9			9			
California.....	6				10	5			10	5			9	4		
Colorado.....	6				10	5			10	5			9	4		
Connecticut.....	7				7	7			7	6			6			
Delaware.....	3				3	3			3	3			3			
Florida.....	6				5	5			5	4			4			
Georgia.....	14				3	13			13	13			13			
Idaho.....	4				3	8			13	3			3			
Illinois.....	29				27	27			24	24			24			
Indiana.....	15				13	13			13	13			13			
Iowa.....	13				13	13			13	13			13			
Kansas.....	10				10	10			10	10			10			
Kentucky.....	13				13	13			13	13			13			
Louisiana.....	10				9	9			9	8			8			
Maine.....	6				6	6			6	6			6			
Maryland.....	8				2	6			1	7			8			
Massachusetts.....	18				16	16			15	15			15			
Michigan.....	15	15			14	14			14	14			14			
Minnesota.....	10				11	11			10	10			9			
Mississippi.....	10				18	18			18	18			17			
Missouri.....	18				18	18			18	18			19			
Montana.....	4				3	3			3	3			3			
Nebraska.....	8				8	8			8	8			8			
Nevada.....	3															
New Hampshire.....	4															
New Jersey.....	14				12	12			12	12			10			
New Mexico.....	4															
New York.....	45				39	39			39	39			36			
North Carolina.....	12				12	12			12	12			11			
North Dakota.....	5				4	4			4	4			3			
Ohio.....	24				23	23			23	23			23			
Oklahoma.....	10				7	7			7	7			7			
Oregon.....	5				4	4			4	4			4			
Pennsylvania.....	58				58	58			54	54			52			
Rhode Island.....	5				5	5			5	5			4			
South Carolina.....	9				9	9			9	9			9			
South Dakota.....	5				4	4			4	4			4			
Tennessee.....	12				12	12			12	12			12			
Texas.....	20				18	18			18	18			15			
Utah.....	4				3	3			3	3			3			
Vermont.....	4				4	4			4	4			4			
Virginia.....	12				12	12			12	12			12			
Washington.....	8				7	7			7	7			6			
West Virginia.....	8				7	7			7	7			6			
Wisconsin.....	13				13	13			13	13			12			
Wyoming.....	8				3	3			3	3			3			
Total.....	454	69	8	321	162	336	140	292	155							

INTERNATIONAL AND NATIONAL COMMISSIONS.

Alaskan Boundary Delimitation and Canadian Boundary Delimitation—Commissioner for the United States, O. H. Tittman; for Great Britain, Dr. Frederick King.

Commissioners-General to the Tokyo Exposition—Frederick J. V. Skiff, Illinois; secretary, John Callan O'Laughlin, Washington, D. C.

International Boundary Commission, United States and Mexico—Commissioner on the part of the United States, Brig.-Gen. Anson Mills, U. S. A.; on the part of Mexico, Senor Don Fernando Beltran y Puja.

International Fisheries Commission—Commissioner for the United States, Job E. Hedges, New York; for Great Britain, Edward E. Prince.

International Institute of Agriculture at Rome, Italy—American member of permanent committee, David Lubin.

International Joint Commission, United States and Canada—Commissioners for the United States, James A. Tawney, Frank S. Streeter, George Turner; for Great Britain, T. C. Casgrain, H. A. Powell, Charles A. Magrath.

International Office of Public Health at Paris.

France—Representative of the United States, Surgeon H. D. Geddings of the public health service. International Waterways—Members of commission, George Clinton Oswald H. Ernst and Eugene E. Haskell for the United States; George C. Gibbons, Louis A. Coste and William J. Stewart for Great Britain.

Pecuniary Claims Arbitration Commission, United States and Great Britain—Agent for the United States, Severo Mallet-Prevost, New York.

Perry's Victory Centennial Commission, Put-in-Bay, 1913—Members of commission: Joseph Warren Keifer, Ohio; Lieut.-Gen. Nelson Miles, U. S. A., retired; Rear-Admiral Charles E. Clark, U. S. N., retired.

Prison—Commission on the part of the United States, Charles R. Henderson, University of Chicago.

Rio Grande River Commission—Commissioner for the United States, Wilbur Keblinger; for Mexico, Senor Don Fernando Beltran y Puja.

St. John River Joint Commission—For the United States, George A. Murchie and Peter Keegan; for Great Britain, John Keefe and Mariner G. Teed.

FASTEST VOYAGES ACROSS THE ATLANTIC.

Queenstown to New York, 4 days and 15 hours, by the Lusitania, Aug. 15-20, 1908; Raunt's Rock to Ambrose channel lightship (short course), 4 days 10 hours 48 minutes, Mauretania, Sept. 11-15, 1910; long course (2,891 miles), 4 days 17 hours 6 minutes, Mauretania, Feb. 13-18, 1909.

New York to Queenstown, 4 days 13 hours 41 minutes, by the Mauretania, Sept. 15-20, 1909.

Hamburg to New York, 5 days 11 hours 54 minutes, by the Deutschland, Sept. 2-8, 1903.

Cherbourg to New York, 5 days 11 hours 9 minutes, by the Kronprinzessin Cecilie, Aug. 19-25, 1903.

New York to Cherbourg, 5 days 16 hours, by the Kaiser Wilhelm der Grosse, Jan. 4-10, 1900.

Southampton to New York, 5 days 20 hours, by the Kaiser Wilhelm der Grosse, March 30-April 5, 1898.

Havre to New York, 6 days 1 hour 12 minutes, by La Provence, Sept. 6-13, 1907.

New York to Southampton, 5 days 17 hours 8 minutes, by the Kaiser Wilhelm der Grosse, Nov. 23-29, 1897.

New York to Havre, 6 days 2 hours 48 minutes, by La Provence, May 31-June 6, 1906.

New York to Plymouth, short course, 2,962 miles, 5 days 7 hours 28 minutes, by the Deutschland, Sept. 5-10, 1900; long course, 3,080 miles, 5 days 9 hours 55 minutes, Kaiser Wilhelm II., Aug. 18-24, 1908.

Plymouth to New York, 5 days 15 hours 46 minutes, by the Deutschland, July 7-12, 1900.

Mobile, Ireland, to Cape Race, N. F., 4 days 10 hours, by the Virginian (turbine), June 9-13, 1905.

The best day's run by any steamer was 671 miles, made by the Mauretania, February, 1909.

Distances: New York to Southampton, 3,100 miles; to Plymouth, 2,962 miles; to Queenstown, 2,800 miles; to Cherbourg, 3,047 miles; to Havre, 3,170 miles; to Hamburg, 3,820 miles.

IMMIGRATION INTO THE UNITED STATES.

Fiscal years ended June 30.

COUNTRY.	1912.			1911.		
	Male.	Female.	Total.	Male.	Female.	Total.
Austria.....	48,366	37,488	85,854	49,570	32,559	82,129
Hungary.....	57,695	35,333	93,028	47,046	29,882	76,928
Belgium.....	2,580	1,589	4,169	3,614	2,097	5,711
Bulgaria, Servia, Montenegro.....	4,145	302	4,447	4,500	196	4,695
Denmark.....	4,856	1,855	6,711	4,840	2,715	7,555
France, including Corsica.....	4,949	3,679	8,628	4,617	3,405	8,022
German empire.....	15,921	11,857	27,778	18,857	13,224	32,081
Greece.....	19,118	2,381	21,499	23,923	9,303	33,226
Italy, including Sicily and Sardinia.....	105,613	51,521	157,134	130,835	52,047	182,882
Netherlands.....	4,276	2,343	6,619	5,108	3,190	8,298
Norway.....	5,058	3,617	8,675	5,175	5,775	10,950
Portugal, incl. Cape Verde and Azore Islands.....	6,648	3,582	10,230	5,527	2,847	8,374
Roumania.....	1,183	814	1,997	1,322	1,200	2,522
Russian empire and Finland.....	98,707	62,688	161,395	96,558	62,163	158,721
Spain, including Canary and Balearic Islands.....	4,554	1,433	6,327	3,876	1,198	5,074
Sweden.....	7,735	4,953	12,688	13,124	7,676	20,780
Switzerland.....	2,254	1,251	3,505	2,115	1,343	3,458
Turkey in Europe.....	13,448	1,033	14,481	13,561	887	14,448
United Kingdom—England.....	21,043	19,365	40,408	29,496	22,940	52,436
Ireland.....	13,046	12,853	25,879	14,865	14,247	29,112
Scotland.....	7,519	7,069	14,578	11,025	7,771	18,796
Wales.....	1,394	708	2,102	1,372	790	2,162
Europe, not specified.....	183	60	243	327	50	377
Total Europe.....	451,091	267,784	718,875	494,273	270,484	764,757
China.....	1,495	270	1,765	1,223	297	1,460
Japan.....	2,107	4,007	6,114	1,370	3,150	4,520
India.....	148	27	175	487	37	524
Turkey in Asia.....	9,967	2,821	12,788	7,821	2,408	10,229
Other Asia.....	475	132	607	555	160	695
Total Asia.....	14,192	7,257	21,449	11,436	5,992	17,428
Africa.....	707	302	1,009	692	264	956
Australia, Tasmania, New Zealand.....	570	224	794	659	325	984
Pacific Islands, not specified.....	93	11	104	51	8	59
British North America.....	36,107	19,883	55,990	37,634	19,196	56,830
Central America.....	947	295	1,242	842	351	1,193
Mexico.....	16,080	7,158	23,238	13,248	6,641	19,889
South America.....	2,230	759	2,989	2,262	787	3,049
West Indies.....	7,905	4,562	12,467	8,936	4,467	13,403
Other countries.....	9	6	15	24	15	39
Grand total.....	529,931	308,241	838,172	570,057	308,530	878,587

IMMIGRATION BY MONTHS.

Fiscal year ended June 30, 1912.

July.....	51,737	November.....	61,705	February.....	45,380	May.....	113,695
August.....	50,110	December.....	61,626	March.....	91,185	June.....	92,425
September.....	62,599	January.....	38,453	April.....	90,839	Total.....	838,172
October.....	69,418						

IMMIGRATION SINCE 1873.

Years ended June 30.

1873.....	450,903	1881.....	609,431	1889.....	444,427	1897.....	230,832	1905.....	1,026,499
1874.....	313,339	1882.....	738,302	1890.....	455,302	1898.....	229,299	1906.....	1,100,735
1875.....	227,498	1883.....	636,322	1891.....	560,319	1899.....	311,715	1907.....	1,285,549
1876.....	169,886	1884.....	518,592	1892.....	623,084	1900.....	448,572	1908.....	782,570
1877.....	141,857	1885.....	335,346	1893.....	502,917	1901.....	487,918	1909.....	751,786
1878.....	138,469	1886.....	334,203	1894.....	285,631	1902.....	648,743	1910.....	1,041,570
1879.....	177,826	1887.....	490,109	1895.....	258,536	1903.....	857,046	1911.....	878,587
1880.....	457,257	1888.....	546,889	1896.....	343,267	1904.....	815,361	1912.....	838,172

The total recorded immigration into the United States since the organization of the government is 29,611,052 persons.

IMMIGRATION BY RACES OR PEOPLES.

During fiscal year ended June 30, 1911, and twelve years, 1900-1911, inclusive.

	1911.	1900-1911.		1911.	1900-1911.		1911.	1900-1911.
African (black).....	6,721	39,939	Hebrew.....	91,223	1,128,250	Scandinavian.....	45,859	608,916
Armenian.....	3,092	28,916	Irish.....	40,246	447,625	Scottish.....	25,625	160,715
Bohemian.....	9,223	106,886	Italian (north).....	30,312	399,889	Slovak.....	21,415	383,104
Bulgarian.....	10,222	107,519	Italian (south).....	159,638	2,005,932	Spanish.....	8,068	55,123
Chinese.....	1,307	22,559	Japanese.....	4,578	8	Spanish-American.....	1,153	11,822
Croatian.....	18,982	345,163	Korean.....	3	7,776	Syrian.....	5,444	56,645
Cuban.....	3,914	46,751	Lithuanian.....	17,027	185,427	Turkish.....	918	13,864
Dalmatian.....	4,400	35,729	Magyar.....	19,996	382,447	Welsh.....	2,248	21,641
Dutch.....	13,862	99,660	Mexican.....	18,784	60,535	West Indian*.....	1,141	12,566
East Indian.....	517	6,283	Pacific Islander.....	12	861	Other peoples.....	3,323	14,168
English.....	57,258	455,160	Polish.....	71,446	992,044			
Finnish.....	9,779	155,456	Portuguese.....	7,469	78,270	Total.....	878,587	10,123,545
French.....	18,132	131,637	Roumanian.....	5,311	87,919			
German.....	66,471	794,214	Russian.....	18,721	100,523			
Greek.....	37,021	251,588	Ruthenian.....	17,724	163,699			

*Except Cuban.

In the above table the Bohemians include Moravians (Czech), the Bulgarians include Servians and Montenegrins, the Croatsians include Slovenians, the

Dalmatians include Bosnians and Herzegovinians, the Dutch include Flemish and the Scandinavians include Norwegians, Danes and Swedes.

DISTRIBUTION OF IMMIGRANTS.

The following summary shows the intended destination of a large part of the immigrants admitted in the fiscal year ended June 30, 1911, according to races and peoples:

Africans (black)—Florida, 2,191; Massachusetts, 1,341; New York, 2,117.
 Armenians—Illinois, 208; Massachusetts, 758; New York, 1,030; Rhode Island, 258.
 Bohemians and Moravians (Czechs)—Illinois, 2,672; Michigan, 286; Nebraska, 471; New York, 1,478; Ohio, 949; Pennsylvania, 514; Texas, 661; Wisconsin, 374.
 Bulgarians, Servians and Montenegrins—Illinois, 2,405; Indiana, 782; Michigan, 397; Minnesota, 229; Missouri, 500; New York, 957; Ohio, 1,953; Pennsylvania, 1,365; Texas, 271.
 Chinese—California, 483; New York, 183.
 Croats and Slovenians—Illinois, 2,471; Indiana, 464; Iowa, 249; Kansas, 361; Michigan, 738; Minnesota, 767; Missouri, 445; New Jersey, 398; New York, 2,119; Ohio, 2,144; Pennsylvania, 5,237; Washington, 522; Wisconsin, 888.
 Dalmatians, Bosnians and Herzegovinians—California, 660; Illinois, 926; New York, 856; Pennsylvania, 349.
 Dutch and Flemish—Illinois, 2,285; Indiana, 496; Iowa, 1,161; Michigan, 2,774; Minnesota, 517; New Jersey, 1,151; New York, 1,957; Wisconsin, 606.
 English—California, 2,651; Connecticut, 1,306; Illinois, 3,096; Indiana, 681; Iowa, 615; Massachusetts, 7,143; Michigan, 4,087; Minnesota, 747; New Jersey, 2,450; New York, 13,331; Ohio, 2,223; Pennsylvania, 4,945; Rhode Island, 2,004; Washington, 2,158.
 Finns—Massachusetts, 1,478; Michigan, 2,072; Minnesota, 1,568; New York, 1,552.
 French—California, 994; Illinois, 609; Maine, 1,138; Massachusetts, 3,217; Michigan, 829; New Hampshire, 1,742; New York, 4,147; Vermont, 554.
 Germans—California, 1,628; Illinois, 8,374; Iowa, 1,386; Kansas, 1,269; Michigan, 2,764; Minnesota, 1,331; Missouri, 1,582; New Jersey, 3,863; New York, 16,840; North Dakota, 1,859; Ohio, 4,614; Pennsylvania, 6,651; Washington, 1,042; Wisconsin, 3,526.
 Greeks—California, 796; Illinois, 4,400; Massachusetts, 5,223; Missouri, 1,624; New Hampshire, 1,622; New York, 10,314; Ohio, 1,139; Pennsylvania, 1,945.
 Hebrews—Connecticut, 1,310; Illinois, 6,340; Maryland, 1,323; Massachusetts, 5,361; Michigan, 1,063; Missouri, 1,246; New Jersey, 3,731; New York, 53,582; Ohio, 2,125; Pennsylvania, 9,214.
 Irish—Illinois, 2,305; Massachusetts, 6,899; New Jersey, 2,410; New York, 13,847; Pennsylvania, 4,806.
 Italians (northern)—California, 5,262; Connecticut, 1,103; Illinois, 3,055; Massachusetts, 1,753; New York, 6,769; Pennsylvania, 3,448.
 Italians (southern)—California, 2,391; Connecticut, 6,667; Illinois, 7,889; Massachusetts, 13,318; Michigan, 1,546; Missouri, 1,379; New Jersey, 10,730; New York, 68,414; Ohio, 4,778; Pennsylvania, 27,301; Rhode Island, 2,252; Washington, 1,331; West Virginia, 2,460; Wisconsin, 1,005.
 Japanese—California, 1,651; Washington, 495.
 Lithuanians—Connecticut, 1,061; Illinois, 3,753; Massachusetts, 2,285; New York, 2,407; Pennsylvania, 3,852.
 Magyars—Illinois, 1,242; New Jersey, 2,972; New York, 3,997; Ohio, 3,636; Pennsylvania, 4,605.
 Mexicans—Texas, 15,218.
 Poles—Connecticut, 3,545; Illinois, 10,188; Indiana, 733; Massachusetts, 6,152; Michigan, 4,022; New

Jersey, 6,792; New York, 16,495; Ohio, 2,995; Pennsylvania, 13,576; Wisconsin, 1,433.
 Portuguese—California, 1,762; Massachusetts, 3,862.
 Rumanians—Illinois, 376; Indiana, 507; New York, 498; Ohio, 1,641; Pennsylvania, 975.
 Russians—Illinois, 1,762; Massachusetts, 1,673; New York, 6,183; Pennsylvania, 2,805.
 Ruthenians—Connecticut, 465; Illinois, 647; Massachusetts, 552; New Jersey, 2,247; New York, 4,991; Ohio, 564; Pennsylvania, 6,902.
 Scandinavians—California, 1,059; Illinois, 6,377; Iowa, 2,108; Massachusetts, 2,754; Michigan, 1,083; Minnesota, 6,863; Nebraska, 1,144; New Jersey, 1,050; New York, 7,722; North Dakota, 1,970; Pennsylvania, 1,078; South Dakota, 1,292; Washington, 3,552; Wisconsin, 1,993.
 Scotch—Illinois, 2,051; Massachusetts, 3,073; Michigan, 1,922; New Jersey, 1,529; New York, 5,360; Ohio, 1,069; Pennsylvania, 2,326.
 Slovaks—Connecticut, 532; Illinois, 1,809; New Jersey, 2,874; Ohio, 2,092; Pennsylvania, 9,777.
 Syrians—Illinois, 155; Massachusetts, 857; New York, 1,377; Ohio, 377; Pennsylvania, 834.
 Welsh—Illinois, 162; New York, 475; Pennsylvania, 509.

EMIGRANT ALIENS.

In the fiscal year ended June 30, 1911, the total number of emigrant aliens departing from the United States was 295,666. These included 13,735 Croats and Slovenians, 15,243 Germans, 11,134 Greeks, 14,209 northern Italians, 62,009 southern Italians, 18,975 Magyars, 31,952 Poles and 15,561 Slovaks.

ALIENS REFUSED ADMISSION.

In the fiscal year ended June 30, 1911, there were turned back at the ports 22,349 aliens, or about 2.1 per cent of the total number applying for admission. The principal causes of rejection were: Idiots, 12; imbeciles, 26; feeble minded, 126; insanity (including epileptics), 144; likely to become a public charge, including paupers and beggars, 12,043; afflicted with contagious disease, 2,735; afflicted with tuberculosis, 111; physically or mentally defective, 3,055; criminals, 644; immoral women, 253; contract laborers, 1,633.

DEPORTATION OF ALIENS.

The following table shows the deportation of aliens from the United States after entry by fiscal years:

1892.....	637	1902.....	465
1893.....	577	1903.....	547
1894.....	417	1904.....	779
1895.....	177	1905.....	845
1896.....	238	1906.....	676
1897.....	263	1907.....	995
1898.....	199	1908.....	2,069
1899.....	263	1909.....	2,124
1900.....	356	1910.....	2,695
1901.....	363	1911.....	2,788

IMMIGRATION INTO CANADA.

In the fiscal year ended June 30, 1911, the total immigration into Canada was 333,850. Of the immigrants 140,498 were British, 73,599 from the continent of Europe and 119,753 from the United States. The total number of citizens of the United States emigrating to Canada in 1910 was 78,697 and in 1911, 74,197. The number of Canadian citizens emigrating to the United States in 1910 was 44,340 and in 1911, 44,439.

IMMIGRATION LAW OF THE UNITED STATES.

The immigration law provides for a poll tax of \$4 for every alien entering the United States. This tax is not levied upon aliens who shall enter the United States after an uninterrupted residence of at least one year, immediately preceding such entrance, in Canada, Newfoundland, Cuba or Mexico, nor upon aliens in transit through the United States, nor upon aliens arriving in Guam, Porto Rico or Hawaii.

Whenever the president shall be satisfied that passports issued by any foreign government to its citizens to go to any country other than the

United States or to any insular possession of the United States, or to the canal zone, are being used for the purpose of enabling the holders to come to the continental territory of the United States to the detriment of labor conditions therein, the president may refuse to permit such citizens of the country issuing such passports to enter the continental territory of the United States from such other country or from such insular possessions or from the canal zone.

The following classes are excluded from admission into the United States: All idiots, imbe-

cles, feeble-minded persons, epileptics, insane persons and persons who have been insane within five years; persons who have had two or more attacks of insanity at any time previously; paupers; persons likely to become a public charge; professional beggars; persons afflicted with tuberculosis or with a loathsome or dangerous contagious disease; persons who have committed a felony or other crime involving moral turpitude; polygamists or persons who believe in the practice of polygamy; anarchists or persons who believe in or advocate the overthrow by force or violence of the government of the United States, or of all governments, or of all forms of law, or the assassination of public officials; prostitutes, or women and girls coming into the United States for any immoral purpose; contract laborers who have been induced to migrate to this country by offers of employment or in consequence of agreements of any kind, verbal or written, express or implied, to perform labor in this country of any kind, skilled or unskilled; any person whose ticket or passage is paid for with the money of another, or who is assisted by others to come, unless it is satisfactorily shown that such person does not belong to one of the foregoing excluded classes and that said ticket or passage was not paid for by any corporation, society, municipality or foreign government, directly or indirectly; all children under 16 years of age unaccompanied by one or both of their parents, at the discretion of the secretary of commerce and labor. Nothing in the act shall exclude, if otherwise admissible, persons convicted of an offense purely political, not involving moral turpitude. Skilled labor may be imported if labor of like kind unemployed cannot be found in this country. The provisions of the law applicable to contract labor shall not be held to exclude professional actors, artists, lecturers, singers, clergymen, professors for colleges or seminaries, persons belonging to any recognized learned profession or persons employed strictly as personal or domestic servants.

It is unlawful to assist or encourage the importation or migration of any alien by promise

of employment through advertisements printed in any foreign country. This, however, does not apply to states or territories advertising the inducements they offer to immigration thereto.

All aliens brought to this country in violation of law shall be immediately sent back by the owners of the vessels bringing them. Any alien entering the United States in violation of law and such as become public charges from causes existing prior to their landing shall be deported at any time within three years after their arrival.

No person who disbelieves in or who is opposed to all organized government, or who is a member of or affiliated with any organization entertaining and teaching such belief in or opposition to all organized government, or who advocates or teaches the duty, necessity or propriety of the unlawful assaulting or killing of any officer or officers, either of specific individuals or of officers generally, of the government of the United States, or of any other organized government, because of his or their official character, shall be permitted to enter the United States.

COMMISSION ON INDUSTRIAL RELATIONS.

Appointed by President Taft Dec. 17, 1912.

Representing the people—Senator George Sutherland of Utah, George B. Chandler, a member of the Connecticut legislature; Charles Simons Barrett of Georgia, president of the Farmers' union.

Representing capital—Frederic A. Delano of Chicago, president of the Wabash railroad; Adolph Lewishohn of New York, merchant and philanthropist; F. C. Schwedtman of Missouri, an electrical engineer.

Representing labor—Austin B. Garretson of Iowa, president of the Order of Railway Conductors; John B. Lennon, treasurer of the American Federation of Labor, and James O'Connell of the District of Columbia, vice-president of the same organization.

(For law creating commission see page 136.)

FINAL CROP ESTIMATES FOR 1912.

(See also page 65.)

The final estimates of the crop reporting board of the bureau of statistics in Washington, based on reports of correspondents and agents of the bureau, indicate the acreage, production and value (based on prices paid to farmers Dec. 1) of important farm crops of the United States in 1912, 1911 and 1910, to have been approximately as follows:

CORN.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 107,083,000	3,124,746,000	48.70	1,520,454,000
1911.... 105,825,000	2,531,488,000	61.80	1,565,258,000
1910.... 104,035,000	2,886,260,000	48.00	1,384,817,000

WINTER WHEAT.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 26,571,000	399,919,000	80.90	323,572,000
1911.... 29,162,000	430,656,000	88.00	379,151,000
1910.... 27,329,000	434,142,000	88.10	382,315,000

SPRING WHEAT.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 19,243,000	330,348,000	70.10	231,708,000
1911.... 20,381,000	190,682,000	86.00	163,912,000
1910.... 18,352,000	200,979,000	88.90	178,733,000

ALL WHEAT.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 45,814,000	730,267,000	76.00	555,280,000
1911.... 49,543,000	621,338,000	87.40	543,063,000
1910.... 45,681,000	635,121,000	88.30	561,051,000

OATS.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 37,917,000	1,418,337,000	31.90	452,469,000
1911.... 37,763,000	922,298,000	45.00	414,633,000
1910.... 37,548,000	1,186,341,000	34.40	408,388,000

BARLEY.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 7,530,000	223,824,000	50.50	112,957,000
1911.... 7,627,000	160,240,000	86.90	139,182,000
1910.... 7,743,000	173,832,000	57.80	100,426,000

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 2,117,000	35,664,000	66.30	23,536,000
1911.... 2,127,000	33,119,000	83.20	27,557,000
1910.... 2,185,000	34,897,000	71.50	24,953,000

BUCKWHEAT.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 841,000	19,249,000	66.10	12,720,000
1911.... 833,000	17,549,000	72.60	12,735,000
1910.... 860,000	17,598,000	66.10	11,636,000

FLAXSEED.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 2,851,000	28,073,000	\$1.15	32,202,000
1911.... 2,757,000	19,370,000	\$1.82	35,272,000
1910.... 2,467,000	12,718,000	\$2.32	29,472,000

RICE.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 722,800	25,054,000	93.50	23,423,000
1911.... 696,300	22,934,000	79.70	18,274,000
1910.... 722,800	24,510,000	67.80	16,624,000

POTATOES.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 3,711,000	420,647,000	50.50	212,550,000
1911.... 3,619,000	292,737,000	79.90	233,778,000
1910.... 3,720,000	349,032,000	55.70	194,566,000

HAY.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 49,530,000	72,691,000	\$11.79	856,695,000
1911.... 48,240,000	54,916,000	\$14.29	784,926,000
1910.... 51,015,000	59,378,000	\$12.14	842,252,000

TOBACCO.

Acreage.	—Farm Value, Dec. 1.—		
	Production, *bushels.	Per bu., cents.	Total dollars.
1912.... 1,225,800	962,855,000	a10.8	104,063,000
1911.... 1,012,800	905,109,000	a9.4	85,210,000
1910.... 1,366,100	1,103,415,000	a9.3	102,142,000

*Bushels of weight. †Revised; adjusted to census figures for tame or cultivated hay for 1909. ‡Tons (2,000 pounds). \$Per ton. †Pounds. aPer pound.

DECISION IN ANTHRACITE COAL CONTRACTS CASE.

The United States Supreme court announced a decision Dec. 16, 1912, canceling as in violation of the Sherman antitrust law the contracts by which railroad owned coal companies in the Pennsylvania anthracite fields had purchased the output for all time of "independent" mines. The charge of a "general combination" was not sustained. In an opinion announced by Associate Justice Lurton the court held:

"1. That the general combination alleged by the government to exist between the defendant roads for an apportionment for total tonnage to the seaboard by an agreement in the nature of a pooling arrangement has not been established and therefore the relief sought by the government upon assumption of such combination is denied.

"2. The court finds, however, that the principal defendants did combine to shut out from the anthracite coal field a projected independent line of railroad, the New York, Wyoming & Western Railroad, and to accomplish that purpose it is found that the stock of the Temple Iron company and of the Simpson & Watkins collieries was acquired for the purpose of and with the intent, not of normally and lawfully developing trade, but of restraining interstate commerce and competition in transportation, which presumably would have come about through the construction and operation of the proposed competing line of railroad between the mines and tidewater.

"3. The court holds that certain contracts made with producers covering between 20 and 25 per cent of the total annual supply of coal, known as the 65 per cent contracts, by which such independent pro-

ducers bound themselves to deliver the output of their mines or any other mine which they might acquire, to the railroad companies for 65 per cent of the average market price at tidewater, were also void because in violation of the antitrust act, as abnormal and illegal restraints upon interstate commerce.

"4. The court reiterates the declaration in the Standard Oil case, that an act of congress does not 'forbid or restrain the power to make normal and usual contracts to further trade by resorting to all normal methods, whether by agreement or otherwise, to accomplish such purpose.' Nevertheless it holds that the acts which it finds in this case to be illegal, the Temple Iron and 65 per cent contracts, were not within such class, but on the contrary were abnormal in their character and directly tended to and were intended to illegally restrain trade and commerce, and therefore came within the statute as illustrated by the rulings in St. Louis Terminal association and Swift & Co. versus United States."

The court ordered the dissolution of railroad control of the Temple Iron company, by which the principal railroads and their coal companies were found to have strangled a project to build a competing road into the anthracite fields in 1898 and by which monopolizing schemes could be put into execution handily in the future.

The railroads concerned in the case were the Philadelphia & Reading, the Lehigh Valley, the Delaware, Lackawanna & Western, the Central Railroad of New Jersey, the Erie and the New York, Susquehanna & Western.

DISTURBANCES IN CUBA.

Armed intervention by the United States to preserve order in the republic of Cuba seemed imminent on several occasions in 1912. In January, as the result of agitation by the veterans' association for the dismissal from the public service of all men associated with the old Spanish regime, the situation became critical and President Taft felt called upon to send the following note to President Gomez:

"The situation in Cuba causes grave concern to the United States. That the laws intended to safeguard free republican government shall be enforced and not defied is obviously essential to the maintenance of law, order and stability indispensable to the status of the republic of Cuba. The president of the United States therefore looks to the president and government of Cuba to prevent the threatened situation, which would compel the United States much against its desire to consider what measures it must take in pursuance of the obligations of its relations to Cuba."

The note had a salutary effect and the agitation ceased. In May and June, however, new trouble arose. This time it was caused by dissatisfied negroes, who began destroying railroads, sugar mills and other property. The Cuban government acted promptly and energetically, but as the insurrection was in the mountainous districts of the Oriente, Santa Clara and Santiago provinces it was difficult to suppress. The American government, as a matter of precaution, sent warships to Key West and Guantanamo, but disclaimed any idea of intervention. The inability of the Cuban authorities to prevent the destruction of American property led to the landing of marines near Guantanamo and to the issuing of orders, June 7, by the general staff in Washington to prepare for the sending of a military expedition to Cuba. Matters quieted down somewhat and when Gen. Evaristo Estenoz, the leader of the rebels, was killed by Cuban troops June 27 the insurrection came to an end. Peace continued throughout the rest of the year.

DEATH OF AMBASSADOR REID.

Whitelaw Reid, American ambassador to Great Britain since 1905, died in London Sunday afternoon, Dec. 15, 1912, from pulmonary edema. He had been ill for about two weeks with bronchial trouble, which developed into severe asthmatic paroxysms, producing extreme exhaustion. His wife and daughter were with him at the time of his death. Upon being notified of the ambassador's death King George sent the following message to President Taft:

"It is with the deepest sorrow that I have to inform you of the death of Whitelaw Reid at noon to-day. As your ambassador in this country his loss will be sincerely deplored, while personally I shall mourn for an old friend of many years' standing, for whom I had the greatest regard and respect. The queen and I sympathize most deeply with Mrs. Reid in heavy sorrow.

"GEORGE, R. I."

To this message President Taft sent the following reply:

"Your majesty's sad news of the death of Mr. Whitelaw Reid has just reached me. Mr. Reid's death is a loss to both countries, for his service as ambassador was exceptional in the closer friendship that he secured between them through his own personality. His intimate knowledge of both countries, his profound respect and love for England, entirely consistent with the highest loyalty on his part to this country, gave him peculiar influence for good in his great station. I sincerely thank your majesty for your message and your expression of sympathy and respect.

"WILLIAM H. TAFT."

Whitelaw Reid was born in Xenia, O., Oct. 27, 1837, and was graduated from Miami university in 1856. He entered the newspaper business and was war correspondent of the Cincinnati Gazette in the civil war. Later he entered the service of the New York Tribune, of which he became editor and owner.

BENEVOLENT INSTITUTIONS IN THE UNITED STATES (1904).

STATE OR TERRITORY.	Orphan-ages.	Hospitals.	Perman't homes.	Tempor'y homes.	For deaf and blind.	Nurseries.	Dispensaries.
Alabama.....	8	9	4	1	3		
Arizona.....	10	10	1	1			
Arkansas.....	5	13	5	2	2		
California.....	47	50	27	15	3		
Colorado.....	10	32	3	8	1	10	
Connecticut.....	21	31	29	9	4	3	3
Delaware.....	6	3	6	1			
District of Columbia.....	12	13	12	12	2	3	3
Florida.....	7	17	6	1	1	1	
Georgia.....	23	17	10	6	2	2	
Idaho.....	6	1					
Illinois.....	63	105	42	22	5	6	14
Indian Territory.....	3	2					
Indiana.....	3	31	19	8	2	2	5
Iowa.....	12	41	14	10	2	2	2
Kansas.....	14	23	7	4	2		
Kentucky.....	26	29	14	11	2		
Louisiana.....	25	10	13	4	3	1	
Maine.....	10	12	14	6	1		
Maryland.....	38	32	19	11	4	3	
Massachusetts.....	52	93	73	47	7	20	13
Michigan.....	23	59	20	6		6	
Minnesota.....	16	44	10	8	2	3	3
Mississippi.....	6	6	1	2	2		
Missouri.....	31	55	22	14	5	5	8
Montana.....	2	16	2	2	1		
Nebraska.....	7	17	5	4	2	1	
Nevada.....	15	19	13	3			
New Hampshire.....	1	48	32	17	2	13	4
New Jersey.....	46	48	32	17	2	13	4
New Mexico.....	2	11					
New York.....	147	194	118	82	1	62	40
North Carolina.....	19	21	4	4	2	1	1
North Dakota.....	2	8	1	2	1		
Ohio.....	105	74	41	27	5	8	7
Oklahoma.....	3	1		1	1		
Oregon.....	5	6	4	4	2		1
Pennsylvania.....	91	145	84	45	8	18	15
Rhode Island.....	13	9	8	5	1	3	3
South Carolina.....	2	8	1	2	2		2
South Dakota.....	2	8	1	2	2		
Tennessee.....	18	13	8	6	2	1	1
Texas.....	17	31	12	12	3		1
Utah.....	3	7		1	1		
Vermont.....	5	9	8	1			
Virginia.....	27	19	21	6	1	1	2
Washington.....	9	28	4	5	1		
West Virginia.....	5	20	2			1	
Wisconsin.....	15	43	13	9	3		
Wyoming.....	5	5	1				
Total.....	1075	1493	753	449	115	166	156

The cost of maintenance by classes of all institutions included in the above table was in 1903: Orphanages, \$10,050,587; hospitals, \$28,200,869; permanent homes, \$9,916,180; temporary

homes, \$3,039,035; institutions for deaf and blind, \$3,523,683; nurseries, \$327,659; dispensaries, \$519,620; total, \$55,577,633.

OCCURRENCES DURING PRINTING OF THE

Aviation Fatalities—Horace Kearny, a Kansas City aviator, and Chester Lawrence, a Los Angeles newspaper man, were lost in the Pacific ocean while attempting to make a hydroaeroplane flight from Los Angeles to San Francisco Dec. 14. Lieut. W. Parke and Mr. Hardwicke were killed near London, England, Dec. 15, while making an aeroplane flight.

Billiards—Willie Hoppe retained his title of world's 18-2 billiard champion by winning a tournament in New York, N. Y., ending Nov. 20, in which he and Slosson, Morningstar, Yamada, Demarest, Cline, Sutton and Taylor were contestants. Deaths—Robert Collyer (1823), clergyman, in New York city, Nov. 30; Mrs. Robert Goellet of New York, N. Y., in Paris, France, Dec. 4; Col. Archibald Gracie, Titanic survivor, in Washington, D. C., Dec. 4; Luitpold (1821), prince regent of Bavaria, in Munich, Dec. 12; Will Carleton (1845), poet, newspaper man and lecturer, in Brooklyn, N. Y., Dec. 18.

Japanese Cabinet—The Japanese cabinet resigned Dec. 4; Prince Katsura to form new ministry.

President of Switzerland—Edward Muller elected

DAILY NEWS ALMANAC AND YEAR-BOOK.

president of Switzerland; M. Hoffman elected vice-president.

Pugilism—Ad Wolgast lost the light weight championship of the world Nov. 28, when he was defeated by Willie Ritchie at Daly City, Cal. He was disqualified by the referee in the sixteenth round for twice fouling his opponent.

Railroad Wreck—In a rear end collision between two passenger trains near Zanesville, O., Dec. 3, eleven persons were killed and four seriously injured.

Shipwreck—Steamer Derna run down in British channel by battle ship Centurion Dec. 10; twenty-five lives lost.

Tennis—England won the title to the Dwight F. Davis international cup, emblematic of the world's lawn tennis championship, in a series of matches played in Melbourne, Australia, Nov. 28, 29 and 30, 1912. J. C. Parke, Charles P. Dixon and A. E. Beamish represented England, while Norman Brookes, R. W. Heath and A. W. Dunlop represented Australia. England won three of the singles matches and Australia won the doubles and one singles match.

COOK COUNTY TAX RATES FOR 1912.

WEST CHICAGO.		Sanitary	.49	JEFFERSON.	
State	\$0.38	City	1.24	State	.38
County	.52	School	1.39	County	.52
Sanitary	.49	Lincoln park bond.....	.07	Sanitary	.49
City	1.24	Town	.12	City	1.24
School	1.39	Lincoln park.....	.41	School	1.39
Park	.69	Lake shore protection.....	.01		
	4.71		4.63	Additional as follows:	4.02
SOUTH CHICAGO.		LAKE VIEW.		JEFFERSON ONLY.	
State	.38	State	.38	In Irving Park district.....	.19
County	.52	City	.52	In northwest park district.....	.13
Sanitary	.49	Sanitary	.49	In old Portage Park district.....	.17
City	1.24	Lincoln park bond.....	.07		
School	1.39	City	1.24		
Park	.38	School	1.39	In the foregoing table "South Chicago" includes the towns of Hyde Park and Lake.	4.02
	4.40	Town	.11	(For 1911 tax rates see page 574.)	
NORTH CHICAGO.		Lincoln park.....	.49		
State	.38		4.69		
County	.52				

ILLINOIS FARM PRODUCTS.

[From census bulletin, Dec. 10, 1912.]

The number of farms in Illinois reporting dairy cows on April 15, 1910, was 228,267, but only 202,336 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 184,993 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 350,000. The amount of milk reported was 320,240,000 gallons, assuming that there were the same number of cows in 1909 as in 1910 this would represent an average of 377 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the census bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented, comprising the reported value of milk and cream, sold as such, and sold on the butter fat basis, and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$31,542,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About one-half of the milk produced in Illinois in 1909 was sold as such. A comparatively large quantity of milk and cream was sold on the butter fat basis. The butter made on farms was valued at \$10,493,000.

WOOL.

The total number of sheep of shearing age in Illinois on April 15, 1910, was 658,000, representing an increase of 4.7 per cent as compared with the number on June 1, 1900 (629,000). The approximate production of wool during 1909 was 682,000 fleeces, weighing 4,971,000 pounds and valued at \$1,299,000. Of these totals about one-sixth represents estimates. The number of fleeces produced in 1909 was 1.1 per cent greater than in 1899. The average weight per fleece in 1909 was 7.3 pounds, as compared with 7.1 pounds in 1899, and the average value per pound was 26 cents, as compared with 20 cents in 1899.

POULTRY PRODUCTS.

The total number of fowls on Illinois farms on April 15, 1910, was 21,410,000. Of the 237,165 farms reporting fowls 23,065 did not report any eggs produced in 1909 and 20,636 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was \$3,555,000 dozens, valued at \$17,699,000. According to the twelfth census report the production of eggs in 1899 was \$6,403,000 dozens, the value being \$8,942,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 100,119,000 dozens, valued at \$18,940,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 32,353,000 fowls, valued at \$15,404,000.

ANIMALS SOLD OR SLAUGHTERED.

The total value of domestic animals sold during the year was \$132,623,000 and that of animals slaughtered on farms \$14,438,000, making an aggregate of \$147,061,000. This total, however, involves

considerable duplication resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year. The value of the swine sold during 1909 represented about two-fifths of the total value of animals sold, and the value of the cattle (including calves) sold represented about one-third of the total.

The census of 1900 called for the receipts from the sale of all domestic animals on the farms reporting and the total value of those slaughtered in 1899, which amounted, respectively, to \$69,463,000 and \$10,155,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

The total value of crops in Illinois in 1909 was \$372,270,000. Of this amount 97.4 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products and the like. The combined acreage of crops for which acreage was reported was 20,273,916, representing 72.3 per cent of the total improved land in farms (28,045,323 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of Illinois agriculture is indicated by the fact that about four-fifths (79.9 per cent) of the total value of crops in 1909 was contributed by the cereals and about one-tenth (10.9 per cent) by hay and forage. The remainder, representing in value about 9 per cent of the total, consisted mainly of potatoes and other vegetables, flowers and plants, nursery products, fruits and nuts and forest products.

The total value of crops in 1909 was 73.3 per cent greater than that in 1899. This increase was clearly due to higher prices. There was a decrease of 1.2 per cent in the total acreage of crops for which acreage was reported, the principal decrease being in the acreage of cereals and broom corn which were offset in part by increases for most of the other crops.

VEGETABLES.

In 1909 the total acreage of potatoes and other vegetables was 268,911 and their value \$16,300,654. Excluding potatoes and sweet potatoes and yams, the acreage of vegetables was 120,291 and their value \$9,392,000, both acreage and value being materially greater than in 1899. The report distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909 2,227 farms in the first class, representing about three-tenths of the total acreage of vegetables and more than one-third of the total value, the average acreage of vegetables per farm for these farms being 16.5 and the average value of product per acre \$89.45.

SMALL FRUITS.

Strawberries are by far the most important of the small fruits grown in Illinois, with blackberries and dewberries and raspberries and loganberries ranking second and third, respectively. The value of the strawberry crop in 1909 was \$613,917. The total acreage of small fruits in 1909 was 11,723 and in 1899 16,794, a decrease of 30.2 per cent. The production in 1909 was 13,603,000 quarts, as compared with 26,129,000 quarts in 1899, and the value \$1,110,000, as compared with \$1,293,000.

ORCHARD FRUITS.

The total quantity of orchard fruits produced in 1909 was 4,939,000 bushels, valued at \$3,858,000. Ap-

pies contributed about three-fifths of this quantity, peaches and nectarines ranking next in importance. The production of grapes in 1909 amounted to 16,583,000 pounds, valued at \$426,000, and that of nuts to 714,478 pounds, valued at \$20,550.

The production of all orchard fruits together in 1909 was 49.4 per cent less in quantity than in 1899, and the production of grapes also declined. The value of orchard fruits, however, increased from

\$3,779,000 in 1899 to \$3,858,000 in 1909, and that of grapes from \$383,000 in 1899 to \$426,000 in 1909. It should be noted in this connection that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

SUGAR CONSUMPTION OF THE UNITED STATES IN 1912.

[From census bureau report.]

The sugar consumption of the United States in the year 1912 will exceed 8,000,000,000 pounds, against 4,500,000,000 in 1900, 3,000,000,000 in 1890, 2,000,000,000 in 1880 and a little over 1,000,000,000 in 1870. Foreign countries, our own islands and our own fields have respectively increased their contributions to the sugar supply of the United States. The total imports from foreign countries during the year will, according to the latest figures of the statistical division of the bureau of foreign and domestic commerce, aggregate 4,500,000,000, against a little over 4,000,000,000 last year. The receipts from Hawaii will approximate 1,200,000,000 pounds, against 1,136,000,000 last year; those from Porto Rico about 700,000,000 pounds, against 654,000,000 last year. The product of the beet sugar fields of the United States will approximate 1,400,000,000 pounds, against 1,200,000,000 pounds last year, while the cane sugar fields will probably show but little increase or perhaps a smaller total than last year by reason of the conditions resulting from the overflows during the year in the Mississippi valley.

One of the most striking features of the details of the year's sugar record is the large growth in our production of beet sugar, which is estimated for 1912 at about 1,400,000,000 pounds, against 1,200,000,000 last year, about 1,000,000,000 in 1910, less than 485,000,000 in 1905, 163,000,000 in 1900, 45,000,000 in 1895 and 5,000,000 in 1880.

About one-fourth of the sugar consumed in the United States in 1912 was from our own fields, nearly another one-fourth came from Hawaii and Porto Rico and the remainder from foreign countries, chiefly Cuba.

The total sugar consumption of 1912 will presumably exceed that of any earlier year. Certainly the total brought into the country, plus that produced in the United States, will aggregate more than in any earlier year, while the quantity exported forms so small a percentage of that brought in as to justify the assertion that the sugar consumption of the year will be larger than ever before and will amount to about 87 pounds per capita, against 80 pounds per capita in 1910, 59 pounds per capita in 1900, 51 pounds per capita in 1890, 39½ pounds per capita in 1880 and 32½ pounds per capita in 1870. Thus the quantity consumed per capita has a little more than doubled since 1880, the total quantity consumed having more than quadrupled meantime.

The cost to the purchaser of the more than 8,000,000,000 pounds of sugar consumed in the United States in 1912 will approximate \$400,000,000. The value in the country whence imported was: That from foreign countries about \$120,000,000; that from Hawaii approximately \$47,000,000, and that from Porto Rico approximately \$30,000,000, making a total in the country of production of about \$200,000,000 for that produced outside of continental United States, and to this must be added the duties paid and the cost of refining and distribution. This in conjunction with the value of the beet and cane sugar produced in the United States easily brings the cost to the consumer to approximately \$400,000,000, or an average of more than \$1,000,000 a day.

A little more than one-half of the sugar consumed in the country is used for household purposes, the remainder by the manufacturing establishments, chiefly, however, in the preparation of articles utilized for food and drink.

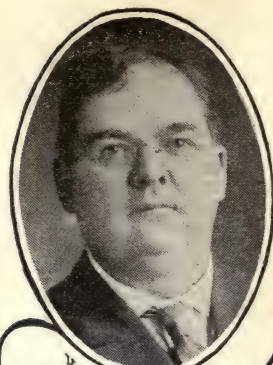
MAYORS OF LARGE CITIES (1912).

Albany, N. Y.—J. B. McEwan, Rep.
 Baltimore, Md.—James H. Preston, Dem.
 Boston, Mass.—John F. Fitzgerald, Dem.
 Buffalo, N. Y.—Louis P. Fuhrmann, Dem.
 Camden, N. J.—Charles H. Ellis, Rep.
 Charleston, S. C.—John P. Grace, Dem.
 Chicago, Ill.—Carter H. Harrison, Dem.
 Cincinnati, O.—Henry T. Hunt, Dem.
 Cleveland, O.—Newton D. Baker, Dem.
 Columbus, O.—George J. Karb, Dem.
 Dayton, O.—Edward Phillips, Rep.
 Denver, Col.—Henry J. Arnold, nonpartisan.
 Detroit, Mich.—B. Marx, Rep.
 Duluth, Minn.—J. A. McCuen, Rep.
 Fall River, Mass.—Thomas F. Higgins, Dem.
 Fort Wayne, Ind.—Jesse Grice, Rep.
 Grand Rapids, Mich.—George E. Ellis, Rep.
 Hartford, Conn.—Louis R. Cheney, Rep.
 Indianapolis, Ind.—Samuel L. Shank, Rep.
 Jersey City, N. J.—H. O. Wagon, Dem.
 Kansas City, Mo.—Henry L. Jost, Dem.
 Lincoln, Neb.—A. H. Armstrong, Rep.
 Los Angeles, Cal.—George Alexander, Rep.
 Louisville, Ky.—W. O. Head, Dem.
 Lowell, Mass.—James E. O'Donnell, nonpartisan.
 Memphis, Tenn.—Edward H. Crump, Dem.
 Milwaukee, Wis.—Gerhard A. Bading, nonpartisan.
 Minneapolis, Minn.—W. G. Nye, nonpartisan.

Nashville, Tenn.—Hilary E. Howse, Dem.
 Newark, N. J.—Jacob Haussling, Dem.
 New Haven, Conn.—Frank J. Rice, Rep.
 New Orleans, La.—Martin Behrman, Dem.
 New York, N. Y.—William J. Gaynor, Dem.
 Omaha, Neb.—James C. Dahlman, Dem.
 Paterson, N. J.—A. F. McBride, Dem.
 Peoria, Ill.—E. N. Woodruff, Rep.
 Philadelphia, Pa.—Rudolph Blankenburg, Ind. Rep.
 Pittsburgh, Pa.—William A. Magee, Rep.
 Portland, Ore.—A. G. Rushlight, Rep.
 Providence, R. I.—Joseph H. Gainer, Dem.
 Reading, Pa.—Ira W. Stratton, Rep.
 Richmond, Va.—George Ainslee, Dem.
 Rochester, N. Y.—H. H. Edgerton, Rep.
 St. Louis, Mo.—F. H. Kreismann, Rep.
 St. Paul, Minn.—Herbert P. Keller, Rep.
 Salt Lake City, Utah—Samuel C. Park, nonpartisan.
 San Antonio, Tex.—A. H. Jones, Dem.
 San Francisco, Cal.—James Rolph, Jr., nonpartisan.
 Seattle, Wash.—George F. Cotterill, nonpartisan.
 Springfield, Ill.—John S. Schnepf, Dem.
 Springfield, Mass.—Edward H. Lathrop, Dem.
 Toledo, O.—Brand Whitlock, Ind.
 Trenton, N. J.—Frederick W. Donnelly, Dem.
 Troy, N. Y.—Cornelius F. Burns, Dem.
 Wilmington, Del.—Dr. Harrison W. Howell, Rep.

MINERS KILLED IN THE UNITED STATES.

1891.....	1,076	1896.....	1,120	1901.....	1,594	1906.....	2,061
1892.....	859	1897.....	947	1902.....	1,828	1907.....	3,125
1893.....	965	1898.....	1,049	1903.....	1,794	1908.....	2,460
1894.....	967	1899.....	1,243	1904.....	1,999	1909.....	2,412
1895.....	1,057	1900.....	1,493	1905.....	2,097	1910.....	2,538



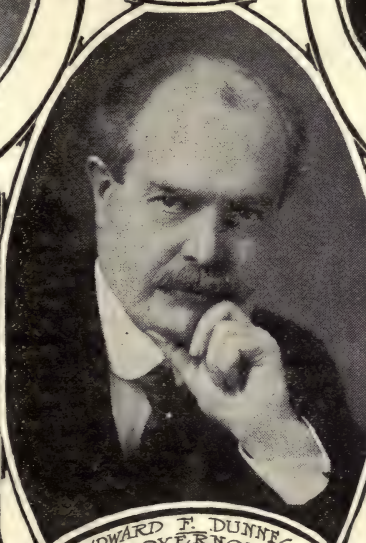
HARRY WOODS
SECRETARY OF STATE
PHOTO BY ACKER, CH.



BARRATT O'HARA
LIEUTENANT GOVERNOR
PHOTO BY MATTHEWS, CH.



WILLIAM RYAN JR.
STATE TREASURER



EDWARD F. DUNNE
GOVERNOR
PHOTO BY HOFFETT, CH.



PATRICK J. LUCEY
ATTORNEY GENERAL



THE CAPITOL



JAMES J. BRADY
AUDITOR
PHOTO BY HOFFETT, CH.



EXECUTIVE MANSION

ILLINOIS STATE OFFICIALS.

ILLINOIS CIVIL LIST.

Corrected to Dec. 1, 1912.

EXECUTIVE DEPARTMENT.	
Governor—Edward F. Dunne, D., Cook county.....	\$12,000
Lieutenant-Governor—Barratt O'Hara, D., Cook county.....	2,500
Secretary of State—Harry Woods, D., Cook county.....	7,500
Auditor—James J. Brady, D., Cook county.....	7,500
Treasurer—William Ryan, Jr., D., Vermilion county.....	10,000
Superintendent of Public Instruction—Francis G. Blair, R., Coles county.....	7,500
Attorney-General—Patrick J. Lucey, D., LaSalle county.....	10,000
Insurance Superintendent—Fred W. Potter.....	5,000
The Adjutant-General—Col. F. S. Dickson.....	5,000

THE SUPREME COURT.

The Supreme court consists of seven judges, elected for a term of nine years, one from each of the seven districts into which the state is divided. The election is held in June of the year in which any term expires.

JUSTICES.

Dist.	Salary \$10,000.	Term expires.
1. Alonzo K. Vickers, East St. Louis.....	June, 1915	
2. Wm. M. Farmer, chief justice, Vandalia.....	June, 1915	
3. Frank K. Dunn, Charleston.....	June, 1915	
4. George A. Cooke, Aledo.....	June, 1921	
5. John P. Hand, Cambridge.....	June, 1913	
6. James H. Cartwright, Oregon.....	June, 1915	
7. Orrin N. Carter, Chicago.....	June, 1915	
Reporter—Samuel P. Irwin, Bloomington; salary, \$8,000.		

Clerk—J. McCan Davis.

Librarian—Ralph H. Wilkin; salary, \$2,400.

Terms of court are held in Springfield, commencing on the first Tuesday in February, April, June, October and December.

BOARD OF LAW EXAMINERS.

George W. Wall, president.....	DuQuoin
Wm. B. Wright, secretary and treasurer.....	Effingham
Charles L. Bartlett.....	Quincy
Russell Whitman.....	Chicago
D. B. Snow.....	Ottawa

COURT OF CLAIMS.

Office in Springfield. Salary, \$1,500.

Lawrence B. Stringer.....	Lincoln
William Johnson.....	Rockford
A. G. Kennedy.....	DeKalb
Secretary—J. S. McCullough, ex officio.	

UNIVERSITY OF ILLINOIS.

Located at Champaign and Urbana.

Board of trustees.

Ex Officio Members—The governor, the president of the state board of agriculture, the state superintendent of public instruction.

Mary E. Busey, Urbana.....	1917
Otis W. Holt, Geneseo.....	1917
William L. Abbott, Chicago.....	1917
Arthur Meeker, Chicago.....	1915
John R. Trevett, Champaign.....	1919
Helen M. Henrotin, Chicago.....	1919
Laura B. Evans, Taylorville.....	1915
Florence E. Watson, Iowa.....	1919
Allen F. Moore, Monticello.....	1915

(Ex officio members as above.)

President of University—Dr. Edmund J. James.
Secretary and Registrar—Charles Maxwell McConn, Urbana.

Comptroller—Prof. S. W. Shattuck, Champaign.

STATE NORMAL UNIVERSITY.

Located at Normal.

Managed by state board of education.

Francis G. Blair, ex officio.....	Springfield
Charles L. Capen.....	Bloomington
William R. Sandham.....	Wyoming
Mrs. E. F. Kimbrough.....	Danville
Frank B. Stitt.....	Chicago
Forrest F. Cook.....	Galesburg
J. S. Brown.....	Rockford

C. H. Kammann.....	Peoria
Jacob L. Bailey.....	Macomb
P. R. Walker.....	Rockford
Joseph L. Robertson.....	Peoria
B. O. Willard.....	Rushville
Solomon H. Trego.....	Clayton
President—David Felmley.	

TRUSTEES EASTERN STATE NORMAL SCHOOL.

Located at Charleston.

Brent H. Pinnell.....	Kansas
John H. Marshall.....	Charleston
John S. Culp.....	Bethalto
Clarence H. Oxman.....	Grayville
Scott Burgett.....	Newman
Francis G. Blair, ex officio.....	Springfield
President—L. C. Lord.	

TRUSTEES WESTERN STATE NORMAL SCHOOL.

Located at Macomb.

John M. Keefer.....	Macomb
Fred R. Jelliff.....	Galesburg
John A. Mead.....	Augusta
Louis H. Hanna.....	Monmouth
J. F. Mains.....	Stronghurst
Francis G. Blair, ex officio.....	Springfield
Principal—W. P. Morgan.....	Macomb

TRUSTEES SOUTHERN NORMAL UNIVERSITY.

Located at Carbondale.

J. M. Burkhardt.....	Marion
Hugh Launder.....	Carbondale
William F. Bundy.....	Centralia
H. T. Goddard.....	Mount Carmel
William M. Grissom, Jr.....	Vienna
Francis G. Blair, ex officio.....	Springfield
President—D. B. Parkinson.	

TRUSTEES NORTHERN STATE NORMAL SCHOOL.

Located at DeKalb.

A. A. Goodrich.....	Chicago
A. C. Metzel.....	Elgin
Leroy A. Goddard.....	Chicago
Jason C. Ayres.....	Dixon
William L. Ellwood.....	DeKalb
Francis G. Blair, ex officio.....	Springfield
President—John W. Cook.	

TRUSTEES OF STATE HISTORICAL LIBRARY.

Located at Springfield. Salary of librarian, \$2,000.

Evarts B. Green.....	Urbana
Otto L. Schmidt.....	Chicago
C. H. Rammelkamp.....	Jacksonville
Librarian—Mrs. Jessie Palmer Weber.	

STATE BOARD OF AGRICULTURE 1911-1912.

President—Dr. J. T. Montgomery, Charleston.

Vice-President at Large—George A. Anthony, Keokuk.

Secretary—J. K. Dicklison, Springfield. Salary, \$2,000.

Treasurer—J. F. Prather, Williamsville.

VICE-PRESIDENTS.

1. Martin Conrad.....	Chicago
2. B. H. Heide.....	Chicago
3. George H. Cooper.....	Mokena
4. Albert Wallerstein.....	Chicago
5. August W. Miller.....	Chicago
6. Dr. John B. Robertson.....	Chicago
7. J. J. McComb.....	Chicago
8. Louis E. Wilk.....	Chicago
9. J. F. Rehn.....	Chicago
10. W. E. Davis.....	Libertyville
11. C. F. Dike.....	North Crystal Lake
12. George H. Madden.....	Mendota
13. J. E. Taggart.....	Ridott
14. E. B. David.....	Aledo
15. W. F. Aten.....	Ray
16. James K. Hopkins.....	Princeton
17. Hiett B. Taylor.....	Fairbury
18. B. M. Davison.....	Marshall
19. A. M. Burk.....	Champaign
20. L. J. Skiles.....	Chicago
21. Charles M. Woods.....	Springfield
22. John S. Culp.....	Bethalto
23. Thomas S. Marshall.....	Metropolis

24. John W. Shaw.....	Harrisburg
25. Joab Goodall.....	Marion
BOARD OF COMMISSIONERS OF LABOR.	
Salary \$5 per day for thirty days.	
Salary of secretary, \$2,500.	

J. D. Peters.....	Carbondale
Frank B. Mott.....	Galesburg
M. H. Madden.....	Chicago
Secretary—David Ross.....	Springfield

HORTICULTURAL SOCIETY.

Created by act of March 24, 1874.

President—F. D. Voris.....	Neoga
Vice-President—J. Mack Tanner.....	Springfield
Secretary—W. B. Lloyd.....	Kimondy
Treasurer—J. W. Stanton.....	Richview

EXECUTIVE BOARD.

A. V. Schermerhorn, Ridgefarm.....	Central
Austin Powers, Sterling.....	Northern
W. R. Soverhill, Tiskilwa.....	Northern
M. A. Augustine, Normal.....	Central
J. C. B. Heaton, New Burnside.....	Southern
W. S. Perrine, Centralia.....	Southern

STATE GAME COMMISSIONER.

Salary, \$2,500.

J. A. Wheeler.....	Springfield
--------------------	-------------

ILLINOIS FARMERS' INSTITUTE.Created by act of June 24, 1895. Term, two years.
Salary of secretary, \$2,000.

President—A. P. Grant.....	Winchester
Vice-President—Ralph Allen.....	Delavan
Secretary—H. A. McKee.....	Springfield
Treasurer—J. P. Mason.....	Elgin
Auditor—Frank I. Mason.....	Gilman

BOARD OF DIRECTORS.

Ex Officio—Superintendent of public instruction,
 dean of the college of agriculture, president of
 state board of agriculture, president state horticultural society, president state dairymen's association.

Elected by congressional districts:

1. H. F. Young.....	Chicago
2. August Geweke.....	Des Plaines
3. M. K. Sweet.....	Glenwood
4. John M. Clark.....	Chicago
5. C. V. Gregory.....	Chicago
6. John C. Leonard.....	Chicago
7. H. H. Scharinge.....	Chicago
8. James R. Clark.....	Chicago
9. C. C. Pickett.....	Chicago
10. R. W. Chittenden.....	Groeger
11. J. P. Mason.....	Elgin
12. George F. Tullock.....	Rockford
13. A. N. Abbott.....	Morrison
14. William H. Ashdown.....	Port Byron
15. Frank S. Haynes.....	Geneseo
16. Ralph Allen.....	Delavan
17. S. B. Mason.....	Bloomington
18. F. I. Mann.....	Gilman
19. J. B. Burrows.....	Decatur
20. A. P. Grout.....	Winchester
21. Edward Grimes.....	Raymond
22. E. W. Burroughs.....	Edwardsville
23. Joseph Oldfield.....	Vandalia
24. D. M. Marlin.....	Nopris City
25. W. E. Braden.....	Cutler

INSPECTORS OF GRAIN.

Winfield Scott Cowen, chief (salary, \$6,000).....	Chicago
J. B. Stevenson (salary, \$2,400).....	East St. Louis

FISH COMMISSIONERS.

Salary, \$1,200.

Headquarters at Havana.

Elmer E. Caldwell.....	Havana
S. P. Bartlett, secretary.....	Quincy
Richard R. Meents.....	Ashkum

FISH WARDENS.

Salary, \$900.

1. John Huffmeyer.....	Chicago
2. W. E. Orr.....	Aurora
3. George Rohweder.....	Geneseo
4. L. E. Shyrook.....	Glasford
5. E. E. Caldwell.....	Havana

6. J. A. Harbourn.....	Barry
7. William Courey.....	Bloomington
8. L. C. Helm.....	Marine
9. John Ude.....	Carnal

LIVE STOCK COMMISSIONERS.

Salary \$5 a day and expenses; of secretary, \$2,000;
 of veterinarian, \$10 a day.
 Office at Springfield.

Henry J. Beer.....	Blue Island
T. F. Russell.....	Pana
Phil S. Haner.....	Taylorville
Secretary—C. A. Lowery, Springfield.	
State Veterinarian—James M. Wright, Chicago.	
BOARD OF VETERINARY EXAMINERS, PER DIEM, \$5.	
H. G. Merrick, M. D. C.....	Okawville
John Scott, V. S.....	Peoria
Albert C. Worms, M. D. C.....	Chicago

STATE BOARD OF EQUALIZATION.

Salary, \$1,000.

Elected Nov. 5, 1912. Term of office four years.

1. James J. Murphy, D.....	3233 Wentworth-av., Chicago
2. Charles W. Secord, P*.....	437 W. 117th-st., Chicago
3. Frank McGovern, D.....	5517 Center-av., Chicago
4. Dennis F. Sullivan, D.....	1524 W. 51st-st., Chicago
5. J. J. Viterna, D.....	2157 Hastings-st., Chicago
6. Frank P. Duffy, D.....	20 N. Hermitage-av., Chicago
7. W. H. Malone, P.....	Park Ridge
8. Jos. Rushkewicz, D.....	1536 W. Chicago-av., Chicago
9. Arthur Donoghue, D.....	820 Sheridan-rd., Chicago
10. H. T. Nightingale, P*.....	Evanston
11. F. H. Ackerman, P*.....	Elgin
12. G. C. Tollerday, P*.....	Belvidere
13. Isaac N. Evans, P*.....	Milledgeville
14. John Day, D.....	Moline
15. James R. Albright, D.....	Quincy
16. Charles J. Skaggs, D.....	Pekin
17. W. E. Baker, D.....	Pontiac
18. Frank P. Martin, R.....	Waukegan
19. Marion Watson, D.....	Arthur
20. Louis D. Hirschelmer, D.....	Pittsfield
21. A. W. Crawford, D.....	Hillsboro
22. Charles Becker, D.....	Freeburg
23. H. Gregory Weber, D.....	Carlyle
24. Louis W. Goetzman, D.....	Shawneetown
25. Albert L. Cline, D.....	Marion

*Progressive.

STATE ENTOMOLOGIST.

Prof. S. A. Forbes.....	Urbana
-------------------------	--------

STATE FOOD COMMISSIONER.

Office, Manhattan building, Chicago. Salary, \$3,600.
 A. H. Jones.....Robinson

FOOD STANDARD COMMISSION

Created by act of May 14, 1907. Term, indefinite.
 Per diem, \$15. Office at 435 South Dearborn street,
 Chicago.

Walter S. Haines.....	Chicago
Charles E. M. Newton (state food commissioner ex officio).....	Wilmette

BOARD OF HEALTH.

Office at Springfield. Salary of secretary, \$3,600.	
G. W. Webster, M. D., president.....	Chicago
James A. Egan, M. D., secretary.....	Springfield
Charles J. Boswell, M. D.....	Monroe
Henry Richins, M. D.....	Rockford
R. E. Niedringhaus, M. D.....	Granite City
Walter R. Schuessler, M. D.....	Orland
P. H. Wessel, M. D.....	Moline

FACTORY INSPECTORS.

Office, 1513 Transportation building, Chicago.

Edgar T. Davies, chief, Chicago.....	\$3,000
Barney Cohen, assistant, Chicago.....	2,250

STATE MINING BOARD.

Office at Springfield. Salary \$5 per day and expenses while in service; of secretary, \$2,000.

Richard Newsum, M. E., president.....	Peoria
Evan D. John.....	Carbondale
Samuel M. Duggan.....	Girard
William Spenny.....	Canton
Martin H. Linskey, H. E.....	Streator
Secretary—Martin Bolt.	

MINE RESCUE STATION COMMISSION.

Created by act of March 4, 1910. Term, one year.
Per diem, \$10. Stations located at Benton, LaSalle and Springfield.

John L. Schmidgall, Murphysboro.....	1911
Charles Krallman, Glen Carbon.....	1911
Charles Bennett, LaSalle.....	1911
Hector McAllister, Streator.....	1911
H. H. Stoeck, secretary, Urbana.....	1911
J. A. Holmes, Washington, D. C.....	1911

Manager—Richard Newsam; salary, \$3,000.
Superintendents—Salary, \$1,500.
Benton—John C. Duncan.
Springfield—G. H. Walmesley.
LaSalle—Thomas English.

INSPECTORS OF MINES

Dist. Salary, \$1,800 per annum.

1. Hector McAllister.....	Streator
2. Thomas Hudson.....	Galva
3. John Dunlop.....	Peoria
4. James Taylor.....	Peoria
5. W. S. Barris.....	Danville
6. Thomas P. Bock.....	Canton
7. W. W. Williams.....	Litchfield
8. W. L. Morgan.....	Belleville
9. Walton Rutledge.....	Alton
10. Thomas Little.....	Murphysboro
11. Frank Rosbottom.....	Benton
12. J. W. Fairbairn.....	Marion

BOARD OF PHARMACY.

Office at Springfield. Salary, \$8 a day. Secretary's salary, \$3,000.

James P. Crowley.....	Chicago
J. B. Michels.....	El Paso
H. C. Christensen.....	Chicago
John C. Wheatcroft.....	Chicago
Joseph F. Shreve.....	Calro
Secretary—Fred C. Dodds.....	Jacksonville

DENTAL EXAMINERS.

Salary, \$5 a day. Secretary's salary, \$1,200.

E. F. Hazell.....	Springfield
W. F. Whalen.....	Peoria
Henry L. Whipple.....	Quincy
T. A. Broadbent, secretary.....	Chicago
Charles P. Pruyn.....	Chicago

Office—1204. 67 Wabash avenue, Chicago.

STATE BOARD OF ADMINISTRATION.

Created by act of June 15, 1909. Term, six years.
Salary, \$6,000.

(Institutions marked with a star [*] are under jurisdiction of state board of administration.)

L. Y. Sherman, Springfield, president.....	1917
Thomas O'Connor, Peoria.....	1913
Benjamin R. Burroughs, Edwardsville.....	1913
Frank P. Norbury, Kankakee.....	1915
Frank D. Whipp, Springfield.....	1915

***SCHOOL FOR BLIND.**

Located at Jacksonville.
Superintendent.....R. W. Woolston

***INDUSTRIAL HOME FOR THE BLIND.**

Located at Chicago.
Superintendent.....P. J. Cahill

***SCHOOL FOR THE DEAF.**

Located at Jacksonville.
Superintendent.....Charles P. Gillett

***EYE AND EAR INFIRMARY.**

Located at Chicago.
Superintendent.....C. T. Garrard

***CHICAGO STATE HOSPITAL.**

(For insane.)
Superintendent.....Dr. R. H. Rea (acting)

***LINCOLN STATE SCHOOL AND COLONY.**

(For feeble-minded children.)
Superintendent.....H. G. Hardt, M. D.

***JACKSONVILLE STATE HOSPITAL.**

(For insane.)
Superintendent.....H. B. Carriel, M. D.

***KANKAKEE STATE HOSPITAL.**

(For insane.)
Superintendent.....Sidney D. Wilgus

STATE PSYCHOPATHIC INSTITUTE.

Located at Kankakee.
Director.....H. D. Singer, M. D.

***ELGIN STATE HOSPITAL.**

(For insane.)
Superintendent.....Ralph T. Hinton

***ANNA STATE HOSPITAL.**

(For insane.)
Superintendent.....W. L. Athon, M. D.

***WATERTOWN STATE HOSPITAL.**

(For insane.)
Superintendent.....W. A. Crooks

***PEORIA STATE HOSPITAL.**

(For insane.)
Superintendent.....Dr. George A. Zeller

***CHESTER STATE HOSPITAL.**

(For criminal insane.)
Superintendent.....Dr. C. H. Anderson

***SOLDIERS AND SAILORS' HOME.**

Located at Quincy.
Superintendent.....J. O. Anderson

***SOLDIERS' WIDOWS' HOME.**

Located at Wilmington.
Superintendent.....Mrs. Flo Jamison Miller

***SOLDIERS' ORPHANS' HOME.**

Located at Normal.
Superintendent.....R. N. McCauley

***STATE TRAINING SCHOOL FOR GIRLS.**

Located at Geneva.
Superintendent.....Mrs. Margaret M. Elliott

***ST. CHARLES SCHOOL FOR BOYS.**

Located at St. Charles.
Superintendent.....C. B. Adams

CHARITIES COMMISSION.

Created by act of June 15, 1909. Term, four years.
No compensation. Secretary's salary, \$3,600.

Frank Billings.....	Chicago
Emil G. Hirsch.....	Chicago
John T. McNally.....	Carbondale
John M. Rapp.....	Fairfield
John B. Harris.....	Champaign
Secretary—A. L. Bowen.....	

DEPARTMENT OF VISITATION OF DEPENDENT, NEGLECTED AND DELINQUENT CHILDREN.

Office at Springfield.
Rev. Charles Virden (salary, \$2,000).....State agent
Katherine A. Gallagher.....Visitor
W. R. Blackwelder.....Visitor
Mary S. Jewell.....Visitor

STATE REFORMATORY.

Managers. Located at Pontiac.

Rev. Samuel Fellows.....	Chicago
Charles A. Purdunn.....	Marshall
Frank R. Robinson.....	Oregon
Charles H. May.....	Peoria
Arthur W. Charles.....	Carml
Superintendent—R. A. Russell.....	

PENITENTIARY COMMISSION.

Created by act of June 5, 1907.

James A. Patten.....	Chicago
Ira C. Copley.....	Aurora
John Lambert.....	Joliet

COMMISSIONERS OF STATE PENITENTIARY.

Prison located at Joliet. Salary, \$1,500.
Warden's salary, \$5,000.

John Harrison.....	Danville
Van L. Hampton.....	Macomb
Joseph De Silva.....	Rock Island
Warden—E. J. Murphy.....	

COMMISSIONERS SOUTHERN PENITENTIARY.

Prison located at Chester. Salary, \$1,500.

Rufus Neely.....	Marion
Henry J. Schmidt.....	Nashville
L. L. Emmerson.....	Mount Vernon
Warden—James B. Smith.....	

BOARD OF PARDONS.

Office at Springfield. Secretary's salary, \$2,000.

G. DeF. Kinney.....	Peoria
Charles G. Eckhart.....	Tuscola
Ethan Allen Snelvy.....	Springfield
Clerk—Mrs. E. A. Furley.....	

BOARD OF ARBITRATION.

Office at Springfield. Salary, \$1,500. Secretary's

salary, \$2,500.

Charles Piez.....Chicago
 Harry M. Powell.....Peoria
 B. F. Shadley.....Galesburg
 Secretary—Fred E. Sterling.....Rockford

STATE SUPERVISING ARCHITECT.

Salary, \$5,000.

W. C. Zimmerman.....Chicago

EXAMINERS OF ARCHITECTS.

Office, 1112 Chamber of Commerce, Chicago.

N. Clifford Ricker, president.....Urbana
 H. B. Wheelock.....Chicago
 Fridolin Oswald.....Alhambra
 Peter B. Wight, secretary and treasurer.....Chicago
 Edgar A. Wayne.....Carthage
 Salary of secretary, \$1,500; of members, \$10 a day for actual service. Fee charged for examination, \$15; fee for issuing license, \$25.

RAILROAD AND WAREHOUSE COMMISSIONERS.

Office at Springfield. Salary, \$4,000; of chairman, \$6,000; of secretary, \$3,500.

O. F. Berry, chairman.....Carthage
 Bernard A. Eckhart.....Chicago
 James A. Willoughby.....Belleville
 Secretary—William Kilpatrick.

VOTING-MACHINE COMMISSIONERS.

Term, four years. Compensation not to exceed \$1,500 a year and expenses.

Morris Emmerson.....Lincoln
 Amos Miller.....Hillsboro
 Secretary of state.....Springfield

CANAL COMMISSIONERS.

Office at Lockport. Salary, \$5 a day.

W. A. Rosenfield.....Rock Island
 Charles F. Anderson.....Princeton
 W. L. Sackett.....Morris

STATE VETERINARIAN.

Salary, \$10 a day.

James M. Wright.....Chicago

EDUCATIONAL COMMISSION.

Created by act of May 25, 1907. Term, indefinite.

Francis G. Blair.....Springfield
 Edmund J. James.....Urbana
 R. E. Hieronymus.....Eureka
 W. W. Coultas.....DeKalb
 Harry Taylor.....Harrisburg
 Edwin G. Cooley.....Chicago

STATE CIVIL-SERVICE COMMISSION.

Office at Springfield.

Created by act of May 11, 1905. Salary, \$3,000; of secretary, \$3,500.

John A. Consley.....Alton
 William B. Moulton.....Chicago
 J. Stanley Browne.....Rockford
 Secretary—Ward R. Robinson.

BOARD OF EXAMINERS OF PUBLIC ACCOUNTANTS.

Office at University of Illinois, Urbana.

S. H. Strawn.....Chicago
 W. A. Chase.....Chicago
 J. A. Cooper.....Chicago
 Secretary—M. H. Robinson, Urbana.

STATE HIGHWAY COMMISSION.

Created by act of May 18, 1905. Term, two years. Office at Springfield.

Edmund J. James.....Urbana
 J. R. Fulkerson.....Jerseyville
 Lafayette Funk.....Shirley
 State Highway Engineer—A. N. Johnson.

COMMISSIONERS OF UNIFORM LAWS.

Created by act of June 3, 1909. Term, four years.

John C. Rieberg.....Chicago
 O. A. Harker.....Urbana

John H. Wigmore.....Chicago

Ernest Freund.....Chicago

Nathan W. McChesney.....Chicago

STATE AGENTS TO ENFORCE THE LAW IN RELATION TO CRUELTY TO ANIMALS.

Created by act of May 25, 1877. Term, two years.

Salary, \$1,200.

Henry Dering.....Chicago

Thomas C. Johnson.....Peoria

Philip D. Hehner.....East St. Louis

Charles Ahrens.....East St. Louis

ILLINOIS FREE EMPLOYMENT OFFICES.

Created by act of April 11, 1893. Term, two years.

Salary, \$1,500.

Chicago Offices—South side, 732 South Wabash avenue; George M. Tobey, superintendent. North side, 325 North Clark street; Charles McMahon, superintendent. West side, corner Canal and Randolph streets; Jacob H. Marks, superintendent.

Peoria Office—Masonic Temple; John W. Kimsey, superintendent.

East St. Louis Office—Lucy building; William Loach, superintendent.

Springfield Office—307½ South 6th street; Joseph Figuera, superintendent.

MINING INVESTIGATION COMMISSION.

Created by act of May 27, 1911. Term, indefinite.

H. H. Stock.....Urbana

J. A. Holmes.....Washington, D. C.

John E. Williams.....Streator

Benjamin Williams.....Taylorville

William Hall.....Springfield

George McArtor.....Herrin

Richard Newsams.....Peoria

Glenn W. Traer.....Chicago

Thomas Jeremiah.....Willisville

STATE ART COMMISSION.

Created by act of June 4, 1909. Term, four years.

No compensation.

Lorsdo Taft.....Chicago

Ralph Clarkson.....Chicago

W. Carby Zimmerman.....Chicago

Edward J. Parker.....Quincy

Karl Bell.....Chicago

Frederic Clay Bartlett.....Chicago

William Holabird.....Chicago

Jens Jensen.....Chicago

ILLINOIS PARK COMMISSION.

Created by act of June 10, 1911. Term, three years.

No compensation.

J. A. James.....Evanston

Alexander Richards.....Ottawa

D. L. Crowe.....Kewanee

CHIEF INSPECTOR OF PRIVATE EMPLOYMENT AGENCIES.

Created by act of June 15, 1909. Term, indefinite.

Salary, \$3,600.

William H. Cruden, 429 Wabash avenue.....Chicago

ILLINOIS LIBRARY EXTENSION BOARD.

Created by act of June 14, 1909. Term, two years.

Joseph H. Freeman.....Aurora

Eugenie M. Bacon.....Decatur

Secretary of state, ex officio.

BARBERS' EXAMINING BOARD.

Created by act of June 10, 1909. Term, two years.

Compensation, \$4 per day each and expenses.

Charles E. Evans.....Moline

William McClintock, 3323 Flournoy street, Chicago

C. C. Russell.....Edwardsville

Secretary—Eric F. Wiegel, 410 Chicago Opera House block, Chicago.

KENESAW MOUNTAIN COMMISSION.

Created by act of June 9, 1911. Term, indefinite.

J. B. Shawgo.....Quincy

Lensing J. Dawdy.....Peoria

William A. Payton.....Danville

RIVERS AND LAKES COMMISSION.

Created by act of June 10, 1911. Term, three years.
Salary, \$5,000.
Robert R. McCormick, chairman.....Chicago
Isaham Randolph.....Chicago
(Vacancy.)

BOARD OF EXAMINERS OF REGISTERED NURSES.

Created by act of May 2, 1907. Term, three years.
Office—304 Honore street, Chicago.
Mary C. Wheeler, Quincy.....1903
Katherine Matthews, Springfield.....1910
Helen Scott Hay, Chicago.....1911
Bena Henderson, Chicago.....1911
Anna Hanrahan, Chicago.....1910

STATE FIRE MARSHAL.

Created by act of June 15, 1909. Term, four years.
Salary, \$3,000.
R. F. Mogridge (acting).....Springfield

STATE INSPECTOR OF APIARIES.

Created by act of June 7, 1911. Term, two years.
Salary, \$1,500.
Abraham L. Kildow.....Putnam

BUILDING LAWS INVESTIGATION COMMISSION.

Created by act of May 25, 1911.
N. C. Ricker, chairman.....Urbana
Richard E. Schmidt.....Chicago
W. C. Armstrong.....Chicago
I. O. Baker.....Urbana
W. H. Merrill.....Chicago
George J. Jobst.....Peoria
William Sherman Stahl.....Chicago

STATE BOARDS EX OFFICIO.**BOARD OF PRISON INDUSTRIES.**

Created by act of May 11, 1903. Salary of sales manager, \$3,600.

Commissioners of Illinois state penitentiary.
Commissioners of southern Illinois penitentiary.
Board of managers of Illinois state reformatory.
H. Dollard, sales manager, Springfield.

COMMISSIONERS OF STATE CONTRACTS.

Created by act of March 31, 1874.
Secretary of state, auditor of public accounts, state treasurer, attorney-general.

ILLINOIS COUNTY OFFICERS.

County.	County seat.	County and Probate judges.
Adams—Quincy.....	Lyman McCarl	
Alexander—Calro.....	Wm. S. Dewey	
Bond—Greenville.....	Wm. H. Dawdy	
Boone—Belvidere.....	Wm. C. DeWolf	
Brown—Mount Sterling.....	W. Y. Baker	
Bureau—E Princeton.....	J. R. Pritchard	
Calhoun—Hardin.....	C. E. Cooke	
Carroll—Mount Carroll.....	J. D. Turbaugh	
Cass—Virginia.....	Charles A. E. Martin	
Champaign—Urbana.....	William G. Spurgin	
Christian—Taylorville.....	Charles A. Prater	
Clark—Marshall.....	H. R. Snaveley	
Clay—Louisville.....	A. N. Tolliver	
Clinton—Carlyle.....	James Allen	
Coles—Charleston.....	John P. Harragh	
Cook—Chicago.....	John E. Owens	
	C. S. Cutting, P.	
Crawford—Robinson.....	J. C. Maxwell	
Cumberland—Toledo.....	S. B. Bariden	
DeKalb—Sycamore.....	W. L. Pond	
DeWitt—Clinton.....	Fred C. Hill	
Douglas—Tuscola.....	W. J. Dolson	
DuPage—Wheaton.....	Charles D. Clark	
Edgar—Paris.....	D. V. Dayton	
Edwards—Albion.....	Peter C. Walters	
Efingham—Efingham.....	Barney Overbeck	
Fayette—Vandalla.....	John H. Webb	
Ford—Paxton.....	M. L. McQuiston	
Franklin—Benton.....	Thomas J. Layman	
Fulton—Lewistown.....	Hobart S. Bayd	

COMMISSIONERS OF THE STATE LIBRARY.

Created by act of March 6, 1867.
Governor, secretary of state, superintendent of public instruction; secretary of state, librarian, Springfield.

TRUSTEES OF THE LINCOLN MONUMENT.

Created by act of May 13, 1895. Salary of custodian, \$1,200.

Governor, superintendent of public instruction, state treasurer; E. S. Johnson, custodian, Springfield.

TRUSTEES OF THE NATURAL HISTORY MUSEUM.

Created by act of May 25, 1877. Salary of curator, \$3,000.

Governor, secretary of state, superintendent of public instruction; A. R. Crook, curator, Springfield.

STATE CANVASSING BOARD.

Created by act of April 3, 1872.
Governor, secretary of state, auditor, state treasurer, attorney-general.

TRUSTEES OF THE LINCOLN HOMESTEAD.

Created by act of June 16, 1837. Salary of custodian, \$1,500.

Governor, secretary of state, auditor of public accounts, state treasurer, superintendent of public instruction; Albert S. Edwards, custodian, Springfield.

FORT MASSAC TRUSTEES.

Created by act of May 15, 1903. Salary of custodian, \$600.

Governor, secretary of state, auditor of public accounts, state regent Illinois Daughters of American Revolution, two Illinois Daughters of American Revolution; W. D. Thompson, custodian, Metropolis.

STATE GEOLOGICAL COMMISSION.

Created by act of May 12, 1905.
Governor, president of the University of Illinois; T. C. Chamberlin, Chicago; Frank W. De Wolf, director, Urbana.

STALLION REGISTRATION BOARD.

Created by act of June 10, 1909.
Secretary state board of agriculture.
State veterinarian.
President Illinois Horse Breeders' association.
Secretary Illinois Horse Breeders' association.
President Illinois Farmers' institute.

County clerk.	Circuit clerk and recorder.
John A. Connery.....	Erde W. Beatty
Jesse E. Miller.....	J. M. Buffinton, R.
W. E. McCashin.....	C. O. Foster
William Bowley.....	J. F. Johnston
William C. Perry.....	A. C. Fassett
James Fletcher.....	E. B. Glaze
John Day, Jr.....	Henry Fuller
A. B. Adams.....	W. D. Godar
Louis O. Skiles.....	L. D. Springer
Fred Hess.....	Boyd S. Blaine
Henry J. Burke.....	J. A. Foil
W. F. Martin, Jr.....	Jay Swern
Samuel A. Stanford.....	W. H. Burns
Adam Junker.....	H. H. Schlarmann
George S. Boulware.....	Bert B. Cole
R. M. Sweltzer.....	John W. Rainey
J. A. Cervenka, P.....	Joseph F. Connery, R.
Charles V. Coulter.....	Charles A. Montgomery
Philip Meyer.....	Charles Cox
S. M. Henderson.....	Walter M. Hay
E. F. Campbell.....	Elmer Metz
Charles A. Hawkins.....	H. B. Morgan
H. F. Lawrence.....	George W. Thoma
Charles Crum.....	T. J. Brewer
Arch C. Smith.....	Earl S. Bunting
Calvin C. Loy.....	J. G. Habing
George A. Brown.....	M. L. Staff
L. D. Jackson.....	Carl E. Bengtson
William D. Seeber.....	J. J. Hill
Austin Onion.....	Eugene Whiting

County. County seat. County and Probate judges.
 Gallatin-Shawneetown.....H. P. Bogarth
 Greene-Carrollton.....Thos. Henshaw
 Grundy-Morris.....George Bedford
 Hamilton-McLeansboro.....Isaac H. Webb
 Hancock-Carthage.....J. Arthur Baird
 Hardin-Elizabethtown.....E. N. Hall
 Henderson-Oquawka.....R. F. Robinson
 Henry-Cambridge.....L. E. Telleen
 Iroquois-Watseka.....John H. Gillan
 Jackson-Murphysboro.....W. F. Ellis
 Jasper-Newton.....H. M. Kasserman
 Jefferson-Mount Vernon.....A. D. Webb
 Jersey-Jerseyville.....H. W. Pogue
 Jo Daviess-Galena.....John C. Boevers
 Johnson-Vienna.....J. F. Hight
 Kane-Geneva.....F. G. Plain
 Kankakee-Kankakee.....John H. Williams, P.
 Kendall-Yorkville.....A. W. Deselm
 Knox-Galesburg.....C. S. Williams
 Lake-Waukegan.....R. C. Rice
 LaSalle-Ottawa.....Perry L. Persons
 Lawrence-Lawrenceville.....W. H. Hinebaugh
 Lee-Dixon.....A. T. Lardin, P.
 Livingston-Pontiac.....J. A. Benson
 Logan-Lincoln.....Robert H. Scott
 Macoupin-Decatur.....W. C. Graves
 Madison-Edwardsville.....Charles J. Gelbach
 Marion-Salem.....O. W. Smith
 Marshall-Lacon.....Truman A. Snell
 Mason-Havana.....J. E. Hillskotter
 Massac-Metropolis.....J. P. Strenber, P.
 McDonough-Macomb.....Charles E. Jennings
 McHenry-Woodstock.....Dan H. Gregg
 McLean-Bloomington.....Jas. A. McComas
 Mercer-Aledo.....W. F. Smith
 Monroe-Waterloo.....C. G. Gumbart
 Montgomery-Hillsboro.....D. P. Smiley
 Morgan-Jacksonville.....Homer W. Hall
 Moultrie-Sullivan.....Isaac Hudson
 Ogle-Oregon.....Frank E. Reed
 Peoria-Peoria.....C. E. Stone
 Perry-Pinckneyville.....A. M. Otman, P.
 Platt-Monticello.....M. C. Cook
 Pike-Pittsfield.....E. J. Hawbaker
 Pope-Golconda.....Paul F. Grote
 Pulaski-Mound City.....W. A. Whiteside
 Putnam-Hennepin.....W. A. Wall
 Randolph-Chester.....W. H. Westcott
 Richland-Olney.....W. M. Schuwerk
 Rock Island-Rock Island.....Stephen C. Lewis
 Saline-Harrisburg.....Robert W. Olmsted
 Sangamon-Springfield.....B. S. Bell, P.
 Schuyler-Rushville.....K. C. Ronalds
 Scott-Winchester.....J. B. Weaver
 Shelby-Shelbyville.....C. H. Jenkins, P.
 Stark-Toulon.....John C. Work
 St. Clair-Belleville.....F. C. Funk
 Stephenson-Freepport.....J. K. P. Grider
 Tazewell-Pekin.....B. F. Thompson
 Union-Jonesboro.....John B. Hay
 Vermilion-Danville.....Frank Perrin, P.
 Wabash-Mount Carmel.....A. J. Clarity
 Warren-Monmouth.....James M. Rahn
 Washington-Nashville.....M. O. Crawford
 Wayne-Carmi.....Lawrence T. Allen
 White-Carmel.....Clinton C. Abernethy, P.
 Whiteside-Fairfield.....Milburn J. White
 Will-Joliet.....L. E. Murphy
 Williamson-Marion.....W. P. Green
 Winnebago-Rockford.....J. C. Kern
 Woodford-Eureka.....Virgil W. Mills
 Woodford-Eureka.....W. A. Blodgett
 Woodford-Eureka.....W. G. J. Cowing
 Woodford-Eureka.....J. B. Fithian, P.
 Woodford-Eureka.....L. W. F. Slater
 Woodford-Eureka.....L. M. Beckhow
 Woodford-Eureka.....Arthur C. Furt

County clerk. Circuit clerk and recorder.
 Henry G. Sanks.....James G. Gregg
 Thomas D. Doyle.....J. W. Farrelly
 George W. Anderson.....F. S. Johnson
 L. E. Lambert.....Frank Porter
 Frank Thornber.....E. O. Reaugh
 L. T. Barns.....Charles L. Hess
 J. T. Barnes.....W. P. Martin
 Elmer E. Fitch.....J. A. Horberg
 Clarence South.....Fred Benjamin
 James W. Browne.....Reynold Gardner
 H. K. Powell.....W. E. Trainor
 John G. Young.....Burrell Hawkins
 John C. McGrath.....A. H. Quinn
 E. F. Menzemer.....H. L. Heer
 E. J. Throgmorton.....Grant McFartridge
 William F. Lynch.....J. L. Johnson
 B. D. Galbraith, P.....Frank E. George, R.
 J. B. Flageole.....Luther B. Bratton
 Edward Budd, Jr.....Avery N. Beebe
 Frank L. Adams.....C. H. Westerberg
 A. L. Hendee.....L. O. Brockway
 A. E. Back.....J. L. Witteman
 J. N. St. Clair, P.....J. F. Buchner, R.
 George A. Brookhart.....O. H. Hedden
 W. C. Thompson.....W. B. McMahan
 William W. Kenny.....J. G. Whitson
 J. W. Corwine.....Lynn B. Parker
 M. E. Penwell.....John Allen
 W. C. Seebausen.....Thomas Cain
 Harry J. Mackinaw.....Simon Kellerman
 J. B. Coppinger.....John Berner, R.
 Robert J. Branson.....John M. Shultz
 Thomas A. Connell.....William L. Wescott
 A. F. Terrell.....C. E. Walsh
 George C. Schneeman.....Arthur H. Finley
 J. H. Foster.....A. Warren Ford
 Guy E. Still.....Theodore Hamer
 P. A. Guthrie.....John C. Allen
 N. B. Carson, R.
 A. W. Hartley.....Ross A. Nance
 F. A. Gibson.....S. A. Nelson
 Henry Eisenbart.....Louis A. Wiehl
 A. N. Banes.....Hugh Hall
 C. A. Boruff.....Eugene D. Pyatt
 Cash W. Green.....Fred O. Gaddis
 R. F. Adams.....John D. Mead
 O. Heinrich.....George F. Thade
 C. A. Roberts, P.....John J. Gallagher, R.
 H. R. Sims.....Charles H. S. Ross
 Harvey Fay.....B. G. Duncan
 W. S. Binns.....Henry Bowers
 Charles A. Werner.....T. Roy Vaughn
 Roy N. Adams.....E. P. Easterday
 Charles C. Greiner.....H. B. Ramage
 William R. Karsteter.....Charles J. Krlbs
 I. C. Head.....Charles Goudy
 John Rnck, P.....Sam Ryerson, R.
 H. B. Hubbard.....G. W. Gamble
 John Rinck, P.....Sam Ryerson, R.
 Charles W. Byres.....Joseph H. Drennan
 Herbert Woods, R.
 Isaac Lewis.....E. Ross Chitwood
 John R. King.....J. W. Kellern
 J. T. Zimmer.....E. E. Herron
 William E. Nixon.....Walter F. Young
 E. F. Winkler.....John F. O'Flaherty
 L. P. Mellon, P.....C. A. Summers, R.
 W. L. Boeke.....Conrad D. Cramer
 George Behrens.....C. O. Myers
 C. L. Kimmel.....H. C. Siford
 Thomas J. Dale.....Ben G. Seibert
 W. H. Carter, R.
 James H. McClain.....G. L. Hockgeiger
 F. W. Bateman.....Arthur S. Gibson
 H. F. Heckert.....Oscar H. Rinne
 Matthew Martin.....William Poynton
 Charles C. Johnson.....William L. Grubb
 W. C. Stilson.....Albert T. Skelly
 Edward G. Young.....L. H. Piepenbrink
 John M. Dodd.....Leslie O. Caplinger
 M. A. Norton.....L. F. Lake
 Joseph Hertschuh.....D. C. Belsley

P.—Probate. R.—Recorder.

ILLINOIS COUNTY OFFICERS.—CONTINUED.

County. Treasurer.	Sheriff.	State's attorney.	Supt. schools.
Adams—Joseph L. Thomas.	Joseph H. Lipps	Fred G. Wolffe.	John H. Stelner
Alexander—William D. Pippitt.	A. S. Fisher	Alex Wilson.	Fanny P. Hacker
Bond—Joseph M. Brown.	Shelby W. Robinson	John D. Biggs.	H. A. Meyer
Boone—C. W. Watson.	William E. Gorman	P. H. O'Donnell.	Elizabeth B. Harvey
Brown—John D. Northern.	David W. Shankland	Warren McNeill.	C. W. Sellars
Bureau—H. C. Smith.	Charles Beyer	C. N. Holerick.	George O. Smith
Calhoun—William Fulkerson.	Peter A. Gotway	Thomas J. Selby.	S. J. Sibley
Carroll—William H. Sticley.	David B. Doty	E. J. Stransky.	John Hay
Cass—James R. Slish.	E. P. Widmayer	A. T. Lucas.	Henry Jacobs
Champaign—L. N. Bear.	George W. Davis	Louis A. Busch.	C. H. Watts
Christian—Joseph Brockamp.	G. W. Brents	Harry Hershey.	Henry L. Fowkes
Clark—A. M. Tarman.	Jesse Gellatin	E. D. Jones.	H. W. Drake
Clay—W. J. Holaday.	W. H. Thrash	Thomas S. Williams.	G. O. Lewis
Clinton—J. M. Krebs.	William Ragen	Hugh V. Murray.	William Johnston
Coles—Frank F. Freeman.	Vincent Aye	R. G. Hammond.	W. Ed Miller
Cook—W. L. O'Connell.	M. Zimmer	Macley Hoyne.	E. J. Tobin
Crawford—E. G. Stidle.	H. E. Highsmith	Joseph B. Crowley.	H. E. Green
Cumberland—Jacob C. Lyons.	Col. S. Young	W. C. Greathouse.	J. W. Castelo
DeKalb—Edward Johnson.	Frank C. Roust	Norval B. Smith.	W. W. Coultas
DeWitt—William M. Price.	William H. Armstrong	Louis C. Williams.	John L. Costley
Dallas—G. R. Duggan.	C. C. Stovall	W. T. Coleman.	E. E. Gere
DuPage—Frank J. Knight.	A. A. Kuhn	C. W. Hadley.	R. T. Morgan
Edgar—A. E. Woods.	J. I. Blackman	Wilber H. Hickman.	George W. Brown
Edwards—Nathan E. Smith.	W. S. Rothrock	Edward A. Schroeder.	W. H. Siefferman
Effingham—John Shea.	Matt Faber	Byron Piper.	J. W. Davis
Fayette—Charles E. Yakel.	L. J. Browning	J. G. Burnside.	Frank C. Crawford
Ford—J. H. Nelson.	M. Bristle	O. H. Wylie.	H. M. Rudolph
Franklin—J. A. McClintock.	John A. Vaughn	G. A. Hickman.	C. W. Mundell
Fulton—Butler Fouts.	W. H. Roy	M. P. Rice.	M. M. Cook
Gallatin—E. A. Harrell.	W. P. Clayton	R. M. McGhee.	J. B. Boswell
Greene—F. B. Dawson.	John B. Morrow	Norman L. Jones.	G. B. McClelland
Grundy—A. H. Gleghorn.	J. H. Francis	Frank H. Hayes.	C. H. Root
Hamilton—G. W. Mason.	A. S. Crouse	J. H. Lane.	W. W. Dally
Hancock—Charles S. Tyler.	Elmer E. McAdams	Clyde P. Johnson.	Stephen D. Paris
Hardin—J. T. Kibler.	Edward Ferrell	James E. Denton.	John H. Oxford
Henderson—James E. Amerman.	R. T. McDill	Albert F. Fawley.	Mrs. Della Yeomans
Henry—Charles A. Kellogg.	Samuel Wilson	Nels F. Anderson.	A. L. Odenweller
Iroquois—George P. Heikes.	James F. Ireland	J. W. Kern.	E. A. Gilbreath
Jackson—H. D. Lee.	Charles T. Edwards	W. A. Schwartz.	A. J. Rendelman
Jasper—Taylor Randolph.	William Pippin	Charles D. Fithian.	Milo D. Yelvington
Jefferson—D. C. Youngblood.	W. S. Payne	Joel F. Watson.	A. E. Summers
Jersey—Richard Kiely.	A. R. Chappell	Walter J. Chapman.	J. W. Roberts
Jo Daviess—J. A. Bingham.	Robert Irwin	Frank T. Sheehan.	Benjamin L. Birkbeck
Johnson—Harry V. Carter.	John A. Beach	H. M. Spinn.	Emma Rebanan
Kane—John Evans.	C. T. McBrierty	William J. Tyers.	Edw. Ellis
Kankakee—Robert B. Hewett.	Daniel G. Lee	Wayne Dyer.	S. D. Saltsper
Kendall—A. P. Hill.	J. R. Henderson	Oliver A. Burkhardt.	A. D. Curran
Knox—George J. Eastes.	Frank F. Seaman	A. J. Boutelle.	W. F. Boyes
Lake—Carl P. Westerfield.	Elmer J. Green	Ralph J. Dady.	T. A. Simpson
LaSalle—Edward G. Zilm.	J. G. Mischke	George S. Wiley.	W. R. Foster
Lawrence—John P. Marlin.	W. A. Cochran	Rolla Shaw.	R. R. Kimmell
Lee—Frank C. Vaughan.	C. E. Reid	Harry Edwards.	L. W. Miller
Livingston—L. S. Henderson.	W. A. Patterson	F. A. Ortmann.	W. E. Herbert
Logan—C. Quisenberry.	William Schaffnacker	Everett Smith.	D. F. Nichols
Macon—James T. Lebo.	J. P. Nicholson	Jesse L. Deck.	Mary W. Moore
Macoupin—S. T. Carmody.	Elmo Etter	James H. Murphy.	E. C. Moore
Madison—Fred A. Elsele.	H. Simon Henry	James M. Baum.	J. U. Uzzel
Marion—J. C. Arnold.	Charles W. Vursell	Samuel N. Finn.	J. H. Hickman
Marshall—Charles R. Scoon.	Charles F. Motter	H. E. Jacobs.	E. F. Perry
Mason—Adolph Schill.	A. A. Brookes	E. P. Nischwitz.	Fannie S. Merwin
Massac—Elmer Brown.	Oscar Miller	Fred R. Young.	W. A. Spence
McDonough—John E. Lane.	A. P. McKee	George A. Falder.	B. E. Decker
McHenry—Arthur R. Crissey.	A. H. Henderson	David R. Joslyn.	A. M. Shelton
McLean—P. M. Stubblefield.	James Reeder	Miles K. Young.	B. C. Moore
Menard—E. W. Boeker.	T. E. Courtwright	H. E. Pond.	Eva B. Batterton
Mercer—Samuel S. Johnston.	C. A. Hickok	John M. Wilson.	C. L. Gregory
Monroe—Andrew Lutz.	A. C. Rexroth	Henry Reichenback.	J. W. Jackson
Montgomery—C. E. Landers.	M. T. Kiggins	J. Earl Major.	John W. Harp
Morgan—Jerry Cox.	W. B. Rogers	Robert Tilton.	H. C. Montgomery
Moultrie—G. A. Daugherty.	Warrin M. Fleming	W. J. Emerson.	Van D. Roughton
Ogle—O. M. Myers.	W. B. Delaney	C. E. McNemar.	John A. Hayes
Peoria—Lewis M. Hines.	F. G. Minor	S. A. Warden.	Elmo W. Lee
Perry—William Brey.	S. T. Duncan	Thomas Kastel.	C. McIntosh
Platt—O. L. Cline.	F. D. Duvall	George C. Weaver.	D. P. Hollis
Pike—Hayes Colvin.	David F. Allen	John W. Browning.	R. R. Randolph
Pope—Thomas Phelps.	H. G. McCormick	C. S. Miller.	Miss May S. Hawkins
Pulaski—R. J. Caster.	C. E. Wehrenberg	Harry K. Ward.	W. A. Paxon
Putnam—W. M. Durlay.	O. C. Cofold	Alfred D. Riess.	William F. Stine
Randolph—Robert M. Boyd.	H. S. Burbes	H. G. Morris.	E. Van Arsdal
Richland—F. W. Schilt.	E. W. Houser	F. E. Thompson.	S. J. Ferguson
Rock Island—W. H. Whiteside.	O. L. Bruner	Sam Thomson.	B. E. Rhine
Saline—J. Lusk.	J. Moonerham	Edmund Burke.	E. C. Pruitt
Sangamon—Charles H. Edmunds, Jr.	Henry Mester	George B. Steele.	George B. Hernetel
Schuyler—A. C. Edgar.	Harry Pratt	R. M. Riggs.	J. C. Moore
Scott—N. J. Moore.	John E. Coultas	W. E. Lowe.	Lee W. Frazer
Shelby—William Klausner.	F. D. Crook	John W. Fling, Jr.	George C. Baker
Stark—E. G. Williamson.	Thomas J. Malone		

County.	Treasurer.	Sheriff.	State's attorney.	Supt. schools.
St. Clair—Paul W. Abt.	W. Mulcahy	Charles Webb.	W. A. Hough	
Stephenson—John Bruce.	R. J. Stewart	Albert H. Manus.	Cyrus S. Grove	
Tazewell—W. E. Schumann.	Chris Fluegel	W. J. Beardon.	B. L. Smith	
Union—Thomas C. Ury.	G. H. Huggins	W. D. Lyerle.	William O. Brown	
Vermilion—O. B. Wyson.	John T. Shepard	J. H. Lewman.	O. P. Haworth	
Wabash—George C. Harvey.	William A. Milburn	Harry M. Phipps.	S. A. Mayne	
Warren—W. E. Stevenson.	W. T. Fitzpatrick	Joseph N. Thomas.	J. D. Regan	
Washington—H. W. Finke.	H. F. Vogelpohl	J. P. Carter.	Robert Pence	
Wayne—William M. Daubs.	George H. Anderson	H. S. Burgess.	W. G. Cline	
White—Jess Grisson.	C. W. Frazier	W. L. Martin.	V. W. Smith	
Whiteside—A. E. Parmenter.	J. F. Wahl	J. J. Ludens.	B. F. Hendricks	
Will—W. W. Gifford.	Thomas Stevenson	Robert W. Martin.	William H. Nevins	
Williamson—W. T. Harris.	M. L. Duncan	T. Hartwell.	B. O. Clarida	
Winnebago—Frank A. Carson.	H. W. Young	G. E. Johnson.	O. J. Kern	
Woodford—D. H. Bendinger.	John E. Woltzen	Thomas Kennedy.	Roy L. Moore	

ILLINOIS RAILROAD STATISTICS.

[From report of railroad and warehouse commission for fiscal year ended June 30, 1911.]

STEAM LINES.		
	MILEAGE.	1910.
Main line and branches.....	12,125.87	12,148.05
Additional main tracks.....	2,611.56	2,774.32
Industrial tracks.....	464.73	546.71
Yard tracks, sidings.....	6,666.23	6,897.29
Total	21,768.39	22,366.37

CAPITALIZATION.		
	1910.	1911.
Year. Capital stock. Funded debt.		
1910.....	\$2,485,395,947	\$3,707,813,722
1911.....	2,500,734,505	3,887,632,191

Applies to whole system of corporations owning or managing railroads in Illinois.

EARNINGS AND INCOME.		
	1910.	1911.
Revenue.....	\$124,748,756	\$127,299,133
Freight.....	37,550,291	36,631,797
Passenger.....	479,341	489,927
Mail.....	30,817	30,817
Parlor cars.....	3,530,685	3,562,497
Express.....	4,817,667	5,258,210
Milk.....	1,574,842	1,647,089
Other passenger.....	132,854	185,853

	1910.	1911.
Total passenger train.....	48,111,837	50,806,089
Switching.....	14,456,938	17,351,346
Special service.....	116,444	145,494
Miscellaneous.....	2,903,927	3,366,357
Total transportation.....	190,336,902	198,968,424
Other revenue.....	2,144,577	2,892,243
Joint facilities, dr.....	184,310	308,952
Joint facilities, cr.....	228,098	249,639

Total operating revenue.....	192,525,267	201,301,354
Total operating expenses.....	138,781,141	145,142,678

OTHER STATISTICS FOR 1911.		
Passengers carried earning revenue.....	84,584,001;	
increase for year, 3,431,536.		
Average amount received from each passenger, \$0.4711.		

Passenger revenue per mile of road, \$3.929.		
Tons of freight carried, 185,837,049; decrease for year, 529,012.		
Amount received for each ton of freight, \$0.6839.		
Freight revenue per mile of road, \$9.520.		
Operating revenue per mile of road, \$15.042.		
Operating expenses per mile of road, \$10.845.		

Net operating revenue per mile of road, \$4.197.		
Total employees (Illinois), 150,435; increase for year, 5,840.		

Total yearly compensation, all employees, \$105,630,773.		
Average pay per day, all employees, \$2.44.		
Number of grade highway crossings by state, 16,101.		
Miles of steam railroads equipped with block signals, 4,103.72.		
Total amount of taxes paid in Illinois, \$6,774,630.12.		

ELECTRIC LINES (INTERURBAN).*

MILEAGE, 1911.	
Main line.....	1,441.47
Second main.....	206.41
Industrial.....	33.58
Yard tracks.....	121.20
Total	1,802.64
Increase	111.68

OPERATING STATISTICS, 1911.	
Operating revenue.....	\$17,467,840
Operating expense.....	10,675,603
Operating revenue.....	6,792,237
Fixed charges.....	6,406,197

Net operating revenue.....	286,040
Fare passengers carried.....	239,480,181
Transfer passengers.....	6,014,744

Total passengers.....	245,504,425
Passenger revenue, \$15,467,008.	
Average fare per passenger, 6.45 cents.	
Tons of freight moved by roads reporting, 2,403,536.	
Number employees, 8,893.	
Aggregate annual salaries, \$6,523,167.	
Taxes paid, \$959,136.	
Miles equipped with block signals, 190.95.	
Grade highway crossings, 2,648.	

RAILROAD ACCIDENTS IN ILLINOIS, 1911.

ON STEAM ROADS. Killed. Injured.		
Passengers	18	736
Employees	289	9,139
Others	601	1,054
	908	10,789
ON ELECTRIC ROADS. Killed. Injured.		
Passengers	34	499
Employees	16	224
Others	53	152
	103	875

UNITED STATES SENATORS FROM ILLINOIS.

Name.	Term.	Name.	Term.	Name.	Term.
Ninian Edwards, Dem.....	1818-1819	James Semple, Dem.....	1843-1847	Shelby M. Cullom, Rep.....	1883-1889
Jesse B. Thomas, Dem.....	1818-1823	Stephen A. Douglas, Dem.....	1847-1853	John A. Logan, Rep.....	1885-1886
Ninian Edwards, Dem.....	1819-1824	James Shields, Dem.....	1849-1855	Chas. B. Farwell, Rep.....	1887-1891
Jesse B. Thomas, Dem.....	1823-1829	Stephen A. Douglas, Dem.....	1853-1859	Shelby M. Cullom, Rep.....	1889-1895
John McLean, Dem.....	1824-1825	Lyman Trumbull, Dem.....	1855-1861	John M. Palmer, Dem.....	1891-1897
Ellas K. Kane, Dem.....	1825-1831	Stephen A. Douglas, Dem.....	1859-1861	Shelby M. Cullom, Rep.....	1895-1897
John McLean, Dem.....	1829-1830	Lyman Trumbull, Rep.....	1861-1867	William E. Mason, Rep.....	1897-1903
David J. Barr, Dem.....	1830-1830	O. H. Browning, Rep.....	1861-1863	Shelby M. Cullom, Rep.....	1901-1907
John M. Robinson, Dem.....	1830-1835	Wm. A. Richardson, Dem.....	1863-1865	Albert J. Hopkins, Rep.....	1903-1909
Ellas K. Kane, Dem.....	1831-1835	Richard Yates, Rep.....	1865-1871	Shelby M. Cullom, Rep.....	1907-1913
John M. Robinson, Dem.....	1835-1841	Lyman Trumbull, Rep.....	1867-1873	William Lorimer, Rep.....	1909-1912
Wm. L. D. Ewing, Dem.....	1835-1837	John A. Logan, Rep.....	1871-1877		
Richard M. Young, Dem.....	1837-1843	R. J. Oglesby, Rep.....	1873-1879		
Samuel McRoberts, Dem.....	1841-1843	David Davis, Ind. Dem.....	1877-1883		
Sidney Breese, Dem.....	1843-1849	John A. Logan, Rep.....	1879-1885		

*Appointed to serve unexpired term of McLean—one month.
 †Anti-Nebraska democrat. ‡Election declared void.

MEMBERS OF THE 48TH GENERAL ASSEMBLY OF ILLINOIS (1913-1914).

Senators and representatives are paid \$1,000 each per year. Senators are elected for four years and representatives for two.

SENATE.

Democrats, 24; republicans, 25; progressives, 2.	
Dist.	Residence.
1. Francis P. Brady, Rep.....	Chicago
2. Francis A. Hurley, Dem.....	Chicago
3. Samuel A. Ettelson, Rep.....	Chicago
4. Al F. Gorman, Dem.....	Chicago
5. Walter Clyde Jones, Rep. (Prog.).....	Chicago
6. George W. Harris, Prog.....	Chicago
7. William H. Maclellan, Rep.....	Wilmette
8. Albert J. Olson, Rep.....	Woodstock
9. Patrick J. Carroll, Dem.....	Chicago
10. Henry Andrus, Rep.....	Rockford
11. Carl Lundberg, Rep.....	Chicago
12. Michael H. Cleary, Dem.....	Galena
13. Albert C. Clark, Rep.....	Chicago
14. Thomas B. Stewart, Rep. (Prog.).....	Aurora
15. Edward J. Forst, Dem.....	Chicago
16. Christian Haase, Dem.....	Washburn
17. Edward J. Glackin, Dem.....	Chicago
18. John Dailey, Rep.....	Peoria
19. John T. Denvir, Dem.....	Chicago
20. Edward C. Curtis, Rep.....	Grant Park
21. John E. Madigan, Dem.....	Chicago
22. Martin B. Bailey, Rep.....	Danville
23. Niels Junl, Rep.....	Chicago
24. Raymond D. Meek, Dem.....	Sullivan
25. Johann Waage, Dem.....	Chicago
26. Noah Elmo Franklin, Rep.....	Lexington
27. John Broderick, Dem.....	Chicago
28. Willis R. Shaw, Dem.....	Decatur
29. John M. O'Connor, Dem.....	Chicago
30. Walter I. Manny, Dem.....	Mount Sterling
31. Willett H. Cornwell, Rep.....	Chicago
32. William A. Compton, Dem.....	Macomb
33. Frank A. Landee, Rep.....	Moline
34. John R. Hamilton, Rep.....	Mattoon
35. John H. Gray, Rep.....	Morrison
36. Campbell S. Hearn, Dem.....	Quincy
37. H. S. Magill, Jr., Rep.....	Princeton
38. Stephen D. Canaday, Dem.....	Hillsboro
39. Henry W. Johnson, Rep.....	Ottawa
40. F. Jeff Tosses, Dem.....	Toledo
41. Richard J. Barr, Rep.....	Mollet
42. F. C. Campbell, Dem.....	Xenia
43. Charles F. Hurburg, Rep.....	Galesburg
44. Kent E. Keller, Dem.....	Ava
45. Logan Hay, Rep.....	Springfield
46. D. Duff Piercy, Dem.....	Mount Vernon
47. Edmond Beall, Rep.....	Alton
48. J. A. Womack, Dem.....	Equality
49. J. M. Chamberlain, Jr., Rep.....	East St. Louis
50. D. T. Woodward, Dem.....	Benton
51. Douglas W. Helm, Rep.....	Metropolis

HOUSE OF REPRESENTATIVES.

Democrats, 73; republicans, 51; progressives, 25; socialists, 4.	
1. Maurice J. Clarke, Rep.....	Chicago
John Griffin, Dem.....	Chicago
John H. Taylor, Prog.....	Chicago
2. Frank J. McNichols, Rep.....	Chicago
John F. McCarty, Dem.....	Chicago
Frank J. Snfte, Prog.....	Chicago
3. John P. Walsh, Dem.....	Chicago
Henry M. Ashton, Dem.....	Chicago
F. E. J. Lloyd, Prog.....	Chicago
4. Thomas A. Boyer, Rep.....	Chicago
George C. Hilton, Dem.....	Chicago
Hubert Kilens, Dem.....	Chicago
5. Isaac S. Rothschild, Rep.....	Chicago
Morton D. Hull, Rep.....	Chicago
M. L. Igoe, Dem.....	Chicago
6. Robert E. Wilson, Dem.....	Chicago
Joseph A. Weber, Dem.....	Chicago
Charles S. Graves, Prog.....	Evanston
7. Frederick B. Roos, Rep.....	Forest Park
J. J. O'Rourke, Dem.....	Harvey
John M. Curran, Prog.....	Winnetka
8. E. D. Shurtliff, Rep.....	Marago
Thomas E. Graham, Dem.....	Ingleside
Fayette S. Munro, Prog.....	Highland Park
9. David E. Shanahan, Rep.....	Chicago

Dist.	Residence.
Robert J. Mulcahy, Dem.....	Chicago
Rudolph Stecklaas, Dem.....	Chicago
10. John A. Atwood, Rep.....	Stillman Valley
Andrew J. Lovejoy, Rep.....	Roscoe
John Coleman, Dem.....	Chicago
11. Frank J. Ryan, Dem.....	Chicago
Henry F. Schubert, Dem.....	Chicago
Robson Barron, Prog.....	Chicago
12. Martin J. Dillon, Dem.....	Galena
R. R. Thompson, Dem.....	Kent
T. H. Hollister, Prog.....	Freeport
13. Benton F. Kleeman, Rep.....	Chicago
Seymour Stedman, Soc.....	Chicago
Elmer J. Schnackenberg, Prog.....	Chicago
14. Frank W. Shepherd, Rep.....	Elgin
Charles F. Clyne, Dem.....	Aurora
Henry B. Fargo, Prog.....	Geneva
15. Thomas Curran, Rep.....	Chicago
Peter F. Smith, Dem.....	Chicago
Joseph O. Hruby, Dem.....	Chicago
16. Michael Fahy, Dem.....	Toloca
Henry A. Foster, Dem.....	Fairbury
Charles H. Carmon, Prog.....	Forrest
17. Edward J. Smejkal, Rep.....	Chicago
Tony Trimarco, Dem.....	Chicago
John S. Burns, Dem.....	Chicago
18. Lucas I. Butts, Rep.....	Peoria
Thomas N. Gorman, Dem.....	Peoria
George Fitch, Prog.....	Peoria
19. Joseph C. Blaha, Rep.....	Chicago
John J. McLaughlin, Dem.....	Chicago
R. E. Sherman, Prog.....	Chicago
20. Israel Dodgeon, Rep.....	Morris
Daniel O'Connell, Dem.....	Kinsman
William H. Dunn, Prog.....	Essex
21. Benjamin M. Mitchell, Dem.....	Chicago
H. W. Harris, Soc.....	Chicago
John Grunau, Prog.....	Chicago
22. William P. Holaday, Rep.....	Georgetown
George W. Myers, Dem.....	Paris
Charles W. Fleming, Prog.....	Danville
23. George A. Miller, Rep.....	Oak Park
Christian M. Madsen, Soc.....	Chicago
Emil M. Zolla, Prog.....	Chicago
24. William F. Burres, Rep.....	Urbana
Francis E. Williamson, Dem.....	Urbana
Joseph Carter, Prog.....	Champaign
25. Charles G. Hutchinson, Rep.....	Chicago
Edward J. Costello, Dem.....	Chicago
Joseph M. Mason, Soc.....	Chicago
26. William Rowe, Rep.....	Saybrook
Frank Gillespie, Dem.....	Bloomington
Abraham C. Thompson, Prog.....	Piper City
27. Albert Rostenkowski, Rep.....	Chicago
Joseph Pitlock, Dem.....	Chicago
James M. Donlan, Dem.....	Chicago
28. William McGlinley, Rep.....	Decatur
William W. McCormick, Dem.....	Emden
Cyrus J. Tucker, Dem.....	Decatur
29. Patrick J. Sullivan, Dem.....	Chicago
James H. Farrell, Dem.....	Chicago
Medill McCormick, Prog.....	Chicago
30. Homer J. Tice, Rep.....	Greenview
A. M. Foster, Dem.....	Rushville
William M. Groves, Dem.....	Petersburg
31. Franklin S. Catlin, Rep.....	Chicago
Harry L. Shaver, Rep.....	Chicago
William McKinley, Dem.....	Chicago
32. John Huston, Dem.....	Blandinsville
Robert A. Elliott, Dem.....	Monmouth
J. H. Jayne, Prog.....	Monmouth
33. Thomas Campbell, Rep.....	Rock Island
Everett L. Werts, Dem.....	Oquawka
William Hartquist, Prog.....	Stronghurst
34. William T. Hollenbeck, Rep.....	Marshall
Polk B. Briscoe, Dem.....	Westfield
Edward F. Poorman, Dem.....	Mattoon
35. Alfred N. Abbott, Rep.....	Morrison
John P. Devine, Dem.....	Dixon
Roy D. Hunt, Prog.....	DeKalb
36. George J. Wilson, Rep.....	Quincy
William H. Hoffman, Dem.....	Quincy
Edwin T. Strubinger, Dem.....	El Dara

Dist.	Residence.
37. Randolph Boyd, Rep.	Galva
Clayton C. Pervier, Rep.	Sheffield
Frank W. Morrissey, Dem.	Sheffield
38. S. Elmer Simpson, Rep.	Carrollton
William A. Hubbard, Dem.	Carrollton
Henry A. Shepherd, Dem.	Jerseyville
39. O. E. Benson, Rep.	Ottawa
William M. Scanlan, Rep.	Peru
Lee O'Neil Browne, Dem.	Ottawa
40. Walter M. Prowse, Rep.	Taylorville
Arthur Roe, Dem.	Vandalia
John C. Richardson, Dem.	Edinburg
41. James H. Alexander,* Rep.	Lockport
William R. McCabe, Rep.	Lockport
Ezra E. Miller, Prog.	Naperville
42. Robert S. Jones, Rep.	Flora
Walter E. Blinhardt, Dem.	Effingham
Fred J. Koch, Dem.	New Baden
43. Edward J. King, Rep.	Galesburg
E. W. Duvall, Dem.	Lewistown
W. B. Elliott, Prog.	Williamsfield
44. Hudson E. Harris, Rep.	Duquoin
James M. Ebertson, Dem.	Carbondale
A. H. Cohlmeier, Dem.	Nashville
45. Thomas E. Lyon, Rep.	Springfield
James F. Morris, Dem.	Springfield
James M. Bell, Dem.	Rochester
46. Charles L. Wood, Rep.	Keens

ILLINOIS LEGISLATIVE VOTE, NOV. 5, 1912.

Those elected are designated by an asterisk (*).

STATE SENATORS.

47th and 48th general assemblies.

Dist.		
2.	Lewis C. Ball, Rep.	4,125
	Francis A. Hurley,* Dem.	5,351
	Victor Behrens, Pro.	146
	H. P. Jensen, Soc.	2,354
	Thomas J. Houston, Prog.	3,100
4.	Joseph J. Wehner, Rep.	4,175
	Al F. Gorman,* Dem.	8,397
	D. J. Stewart, Pro.	107
	Oswald Fahrback, Soc.	2,525
	John S. McBride, Prog.	3,183
6.	William M. Brown, Rep.	8,045
	William J. Stapleton, Dem.	10,300
	Edward S. Jones, Pro.	279
	Charles O. Grant, Soc.	4,174
	George W. Harris,* Prog.	10,997
8.	Albert J. Olson,* Rep.	9,121
	William Desmond, Dem.	4,746
	W. H. Robinson, Pro.	297
	Robert Giese, Soc.	583
10.	Henry Andrus,* Rep.	7,176
	Floyd J. Tilton, Dem.	4,366
	Liberty Walkup, Pro.	768
	Samuel E. Kelley, Soc.	1,058
12.	Charles W. Mittelkauff, Rep.	5,871
	Michael H. Cleary,* Dem.	6,773
	Joseph H. Keagle, Pro.	315
	William H. McCall, Soc.	368
	Mercer E. Daniels, Prog.	4,997
14.	Thomas B. Stewart,* Rep.	9,030
	John Geiss, Dem.	5,295
	O. W. Beebe, Pro.	300
	Guy Underwood, Soc.	575
16.	Ira M. Lish, Rep.	5,881
	Christian Haase,* Dem.	7,227
	S. J. White, Pro.	253
	R. R. Thompson, Prog.	5,292
18.	John Dailey,* Rep.	7,671
	J. R. Boulware, Dem.	7,627
	Stephen Martin, Pro.	194
	Charles P. Cook, Soc.	1,541
20.	Edward C. Curtis,* Rep.	7,528
	Frank M. Crangle, Dem.	6,657
	W. A. Walley, Pro.	281
	Joseph Pomatto, Soc.	385
	Charles Rayhorn, Prog.	6,119
22.	Martin B. Bailey,* Rep.	9,128
	William M. Bines, Dem.	8,931
	C. B. Honold, Pro.	703
	John J. Keon, Soc.	800
	Harvey Gross, Prog.	5,152
24.	H. M. Dunlap, Rep.	6,712

Dist.	Residence.
John M. Rapp, Dem.	Fairfield
R. J. Kassarman, Dem.	Newton
47. Norman G. Flagg, Rep.	More
Ferdinand A. Garesche, Dem.	Madison
William Dickman, Dem.	Edwardsville
48. James A. Watson, Rep.	Elizabethville
William E. Scott, Dem.	Graysville
William E. Finley, Dem.	Bridgeport
49. Fred Keck, Rep.	Belleville
Charles A. Karch, Dem.	Belleville
Lewis S. McWilliams, Dem.	East St. Louis
50. Charles Curran, Rep.	Mound City
George W. Crawford, Dem.	Anna
R. D. Kirkpatrick, Rep.	Benton
51. George B. Baker, Rep.	Golconda
Elwood Barker, Rep.	McLeansboro
W. C. Kane, Dem.	Harrisburg

*Died Dec. 13.

SUMMARY.

	Senate.	House.	J. B.
Democrats	24	73	97
Republicans	25	51	76
Progressives	2	25	27
Socialists	0	4	4

None—Senators are classified politically according to tickets on which they were elected. There was no progressive ticket in the field when the holdovers were chosen.

Dist.		
	R. D. Meeker,* Dem.	6,959
	Davis Willson, Pro.	287
	C. V. Walls, Soc.	201
	J. S. Blacker, Prog.	5,239
26.	N. E. Franklin,* Rep.	6,479
	J. W. Dunnan, Dem.	8,241
	L. A. Vasey, Pro.	440
	F. B. Merriman, Soc.	587
	R. L. Finney, Prog.	5,067
28.	E. C. Perkins, Rep.	8,338
	Willis R. Shaw,* Dem.	10,251
	J. W. Eckman, Pro.	283
	J. J. Meagher, Soc.	556
30.	Walter I. Manny,* Dem.	12,905
	William Langston, Pro.	456
	Michael Schantz, Soc.	617
	Charles R. Settles, Prog.	5,762
32.	I. M. Martin, Rep.	6,088
	William M. Compton,* Dem.	8,587
	A. D. Brulington, Pro.	372
	Charles Peterson, Soc.	590
	George Kelly, Prog.	4,625
34.	J. R. Hamilton,* Rep.	7,597
	John Ervin, Dem.	7,262
	J. A. Hight, Pro.	312
	Marx Thode, Soc.	225
36.	Ray N. Anderson, Rep.	7,707
	C. S. Hearn,* Dem.	11,460
	Lucien Cover, Pro.	418
	J. H. Hanlay, Soc.	834
38.	George L. Tipton, Rep.	6,814
	S. D. Canaday,* Dem.	13,205
	James M. Harris, Pro.	515
	E. A. Wiek, Soc.	1,371
	Walter Sheppard, Prog.	3,870
40.	Charles T. Wade, Rep.	7,128
	F. Jeff Tossey,* Dem.	11,959
	S. M. Sheldon, Pro.	577
	H. Middlesworth, Soc.	1,275
	Jacob Longenbach, Prog.	4,471
42.	H. O. Jones, Rep.	5,961
	F. C. Campbell,* Dem.	10,909
	Luke Floyd, Pro.	303
	George Goodall, Soc.	884
44.	Samuel E. Harwood, Rep.	9,432
	Kent E. Keller,* Dem.	12,126
	James M. Temple, Pro.	366
	L. T. Phillips, Soc.	1,008
	L. Adelsberger, Prog.	3,739
46.	John Lynch, Rep.	6,114
	D. Duff Plarcy,* Dem.	9,607
	Green Archibald, Pro.	472
	Jesse Stibbs, Soc.	339
	G. A. McDonald, Prog.	3,325

Dist.	
48. Thomas B. Wright, Jr., Rep.	9,080
J. A. Womack,* Dem.	12,885
H. L. Bozeman, Pro.	723
G. B. Black, Soc.	624
50. W. O. Potter, Rep.	10,603
D. T. Woodward,* Dem.	11,432
A. J. Dougherty, Pro.	457
U. S. A. Gadbois, Soc.	1,304
Charles S. Britten, Pro.	3,456

REPRESENTATIVES.

47th general assembly.

1. M. J. Clarke,* Rep.	6,454
E. D. Green, Rep.	5,923
John Griffin,* Dem.	14,357
S. W. King, Pro.	399
L. S. Farmer, Soc.	2,414
J. H. Taylor,* Prog.	9,743
2. F. J. McNichols,* Rep.	8,538
R. J. Marcy, Rep.	6,328
J. F. McCarty,* Dem.	8,456
G. U. Lipshulch, Dem.	7,254
J. F. Baumeister, Pro.	372
L. S. Manly, Soc.	6,534
F. J. Suite,* Prog.	7,706
3. R. R. Jackson, Rep.	9,059
William Ostrom, Rep.	9,498
J. P. Walsh,* Dem.	11,080
H. M. Ashton,* Dem.	9,565
G. W. Doolittle, Pro.	342
A. L. Voorhees, Soc.	3,486
F. E. J. Lloyd,* Prog.	11,735
4. Thomas A. Boyer,* Rep.	8,435
John Hrubec, Rep.	5,798
George C. Hilton,* Dem.	9,477
M. E. Gorman, Dem.	7,956
Hubert Kilens,* Dem.	9,591
J. C. Bohart, Pro.	267
J. A. Ambrose, Soc.	7,151
5. I. S. Rothschild,* Rep.	18,792
Morton D. Hull, Rep.	15,592
M. L. Igoe,* Dem.	15,501
Charles Naylor, Dem.	12,990
J. O. Bentall, Soc.	2,953
E. O. Excell, Pro.	616
J. H. Passmore, Prog.	466
6. R. P. Hagan, Rep.	12,968
W. E. Anderson, Rep.	12,020
R. E. Wilson,* Dem.	18,059
J. A. Weber,* Dem.	16,370
D. B. Decker, Pro.	504
H. H. Hahn, Soc.	13,253
C. S. Graves,* Prog.	27,275
7. F. B. Roos,* Rep.	15,015
J. J. O'Rourke,* Dem.	14,399
J. F. Gieske, Pro.	587
W. E. Clark, Soc.	5,006
J. M. Curran,* Prog.	23,562
8. E. D. Shurtleff,* Rep.	14,031
J. H. Vickers, Rep.	13,165
T. E. Graham,* Dem.	14,126
A. W. Meyer, Pro.	1,165
W. G. Hammond, Soc.	1,486
P. S. Munro,* Prog.	18,718
9. D. E. Shanahan,* Rep.	12,321
Rudolph Stocklasa,* Dem.	13,590
R. J. Mulcahy,* Dem.	11,725
Andrew Olson, Soc.	9,527
10. J. A. Atwood,* Rep.	10,646
A. J. Lovejoy, Rep.	9,631
John Coleman,* Dem.	11,307
C. A. Malm, Pro.	1,151
O. H. Ogren, Soc.	4,933
W. H. Sarver, Ind.	9,612
11. H. D. Fulton, Rep.	13,900
Otto Miller, Rep.	13,051
F. J. Ryan,* Dem.	18,497
H. F. Schuberth,* Dem.	14,388
F. W. Stafford, Pro.	775
Charles Harold, Soc.	9,143
Robson Barron,* Prog.	21,767
12. Stephen Rigney, Rep.	9,546
W. D. Irwin, Rep.	9,103
M. J. Dillon,* Dem.	12,938
R. R. Thompson,* Dem.	10,020
T. F. Ellis, Pro.	777

Dist.	
S. H. Zimmerman, Soc.	951
T. H. Hollister,* Prog.	11,899
13. J. A. Swanson, Rep.	10,023
B. F. Kleeman,* Rep.	10,257
Timothy Dunne, Dem.	9,362
J. W. Riley, Dem.	9,033
C. C. Lockwood, Dem.	8,937
F. H. Doolittle, Pro.	375
Seymour Steadman,* Soc.	13,051
E. J. Schnackenberg,* Prog.	20,260
A. C. Moses, Ind.	3,779
14. F. W. Shepherd,* Rep.	13,257
C. A. Cherry, Rep.	9,937
C. P. Clyne,* Dem.	14,442
A. P. Stebbins, Pro.	696
A. J. Andersen, Soc.	1,369
H. B. Fargo,* Prog.	23,552
15. Thomas Curran,* Rep.	7,851
P. F. Smith,* Dem.	6,651
J. O. Hruby,* Dem.	6,512
Joseph Thomas, Soc.	4,176
A. G. Moyal, Prog.	3,056
16. H. P. Ireland, Rep.	9,217
Josiah Kerrick, Rep.	8,592
M. Fahy,* Dem.	12,672
H. A. Foster,* Dem.	10,740
B. W. Tate, Pro.	1,041
C. H. Carmon,* Prog.	13,521
17. E. J. Snejkal,* Rep.	5,445
Tony Trimarco,* Dem.	5,137
J. S. Burns,* Dem.	4,666
A. Dublin, Soc.	2,647
18. L. I. Butts,* Rep.	9,700
I. J. Covey, Rep.	7,450
Thomas N. Gorman,* Dem.	21,432
George Belford, Pro.	453
L. Bierman, Soc.	4,118
George Fitch,* Prog.	14,050
J. W. Gentry, Prog.	7,001
19. J. C. Blaha,* Rep.	16,489
F. Worthing, Rep.	13,892
J. J. McLaughlin,* Dem.	21,346
J. C. Liston, Dem.	14,799
R. H. Burns, Dem.	13,340
G. P. Wiley, Pro.	274
William Berg, Pro.	249
F. V. Stuchal, Soc.	14,958
R. E. Sherman,* Prog.	21,494
20. F. F. Butzow, Rep.	13,595
Israel Dudgeon,* Rep.	13,767
Daniel O'Connell,* Dem.	17,187
P. A. St. John, Pro.	746
J. P. Miller, Soc.	871
W. H. Dunn,* Prog.	15,193
21. A. C. Anderson, Rep.	7,401
E. T. Farrar, Rep.	8,295
B. M. Mitchell,* Dem.	13,277
W. W. Guy, Pro.	387
H. W. Harris,* Soc.	8,438
John Grunau,* Prog.	15,499
22. William P. Holaday,* Rep.	13,500
I. N. Cooley, Rep.	13,285
G. W. Meyers,* Dem.	25,217
C. C. Griffith, Pro.	2,936
P. N. Christenson, Soc.	2,298
C. W. Fleming,* Prog.	15,671
23. G. A. Miller,* Rep.	10,778
Carl Bloomberg, Rep.	9,172
Joseph Strauss, Dem.	9,997
George R. Bruce, Dem.	10,925
J. G. Scovern, Pro.	274
C. M. Madson,* Soc.	13,699
Emil M. Zolla,* Prog.	17,285
24. W. F. Burres,* Rep.	15,392
T. M. Lyman, Rep.	11,123
F. E. Williamson,* Dem.	12,369
L. B. Pickerrill, Pro.	826
Wiley Burk, Soc.	536
Joseph Carter,* Prog.	16,864
25. C. G. Hutchinson,* Rep.	16,627
C. L. Fieldstack, Rep.	13,155
F. F. Schulz, Dem.	14,192
E. J. Costello,* Dem.	15,872
M. I. Underwood, Pro.	643
J. M. Mason,* Soc.	26,094
26. W. F. Mottler, Rep.	10,762
William Rowe,* Rep.	10,930

Dist.	
Frank Gillespie,* Dem.	13,408
H. K. McMackin, Pro.	694
J. B. Brown, Pro.	721
J. M. Bennington, Soc.	1,345
A. C. Thompson,* Prog.	13,485
27. A. Rostenkowski,* Rep.	8,639
Joseph Pittlock,* Dem.	3,074
J. M. Donlan,* Dem.	8,532
C. H. Mortimer, Pro.	812
E. A. Hannenberg, Soc.	5,061
28. F. E. Harold, Rep.	13,536
William McGinley,* Rep.	13,905
C. J. Tucker,* Dem.	15,436
W. W. McCormick,* Dem.	15,381
D. H. Henschle, Pro.	879
Louis Jarchow, Soc.	1,366
29. H. S. Holmberg, Rep.	4,132
E. L. Williams, Rep.	3,786
J. J. Sullivan,* Dem.	7,133
J. H. Farrell,* Dem.	6,839
A. P. Ford, Pro.	343
Vincent Verde, Soc.	3,494
Medill McCormick,* Prog.	6,674
30. H. J. Tice,* Rep.	17,434
A. M. Foster,* Dem.	19,032
W. M. Groves,* Dem.	19,260
J. H. Everett, Pro.	1,220
W. L. Heberling, Soc.	1,756
G. B. Wiemer, Prog.	13,551
31. F. S. Catlin,* Rep.	16,715
H. L. Shaver,* Rep.	15,672
William McKinley,* Dem.	16,000
F. J. Self, Jr., Dem.	15,452
C. B. Hull, Pro.	559
Charles Roux, Soc.	9,092
32. Henry Terrell, Rep.	9,736
J. R. Camp, Rep.	9,683
John Huston,* Dem.	12,657
R. A. Elliott,* Dem.	12,932
W. F. Aleshire, Pro.	773
J. H. Shimmis, Soc.	1,443
J. H. Jayne,* Prog.	12,913
33. C. A. Clark, Rep.	12,979
Thomas Campbell,* Rep.	13,294
E. L. Werts,* Dem.	15,636
B. L. Christy, Pro.	1,192
Isaac Edwards, Soc.	6,080
William Hartquist,* Prog.	14,832
L. K. Cleaveland, Prog.	521
34. W. T. Hollenbeck,* Rep.	10,559
D. B. Miller, Rep.	10,051
P. B. Briscoe,* Dem.	13,301
E. F. Poorman,* Dem.	10,606
D. N. Boyce, Pro.	735
S. V. Hill, Soc.	512
Theodore R. Rother, Prog.	8,301
35. Albert T. Tourtellot, Rep.	11,573
A. N. Abbott,* Rep.	12,944
J. P. Devine,* Dem.	15,906
R. C. Adams, Pro.	1,151
J. B. Stackpole, Soc.	1,127
R. D. Hunt,* Prog.	21,229
36. George H. Wilson,* Rep.	17,571
W. H. Hoffman,* Dem.	17,441
E. T. Strubinger,* Dem.	19,360
W. S. Wilson, Pro.	999
Joseph Bagley, Soc.	2,366
C. H. Nelson, Prog.	13,758
37. Randolph Boyd,* Rep.	11,876
C. C. Pervier,* Rep.	12,487
F. W. Morassy,* Dem.	11,344
F. C. Cole, Dem.	10,261
W. F. Steers, Pro.	820
J. W. Connery, Soc.	2,601
38. S. E. Simpson,* Rep.	20,097
W. A. Hubbard,* Rep.	19,148
H. A. Shephard,* Dem.	19,120
Alvah Dawson, Pro.	1,415
A. C. Schneider, Soc.	4,027
A. R. Stansifer, Prog.	11,775
39. O. E. Benson,* Rep.	10,798
W. M. Scanlan,* Rep.	11,774
Lee O'Neil Browne,* Dem.	15,708
W. F. McNamara, Dem.	10,591
C. T. Farrell, Pro.	652

Dist.	
G. N. Taylor, Soc.	1,492
40. W. M. Provine,* Rep.	19,721
Arthur Roe,* Dem.	17,654
J. C. Richardson,* Dem.	17,344
P. G. Ludwig, Pro.	1,806
Math Hotinz, Soc.	619
J. G. Hunt, Prog.	11,873
41. J. H. Alexander,* Rep.	14,025
W. R. McCabe,* Rep.	14,859
B. L. Kelly, Dem.	11,519
M. F. Hennebray, Dem.	11,523
J. G. Brooks, Pro.	1,420
C. A. Eklund, Soc.	1,641
E. E. Miller,* Prog.	18,634
42. R. S. Jones,* Rep.	16,250
W. E. Rinehart,* Dem.	15,510
F. J. Koch, Dem.	15,019
Frank Miller, Pro.	881
Joseph Globig, Soc.	2,367
C. N. Dunn, Prog.	5,441
43. E. J. King,* Rep.	10,413
W. S. Jewell, Rep.	7,843
E. W. Duval,* Dem.	16,557
C. E. Dunlevy, Pro.	1,287
Homer Whalen, Soc.	4,937
F. W. Latimer, Prog.	4,423
W. B. Elliott,* Prog.	9,523
W. A. Lockwood, Prog.	7,553
44. William Stevenson, Rep.	13,292
J. E. Harriss,* Rep.	14,616
J. M. Etherton,* Dem.	17,714
A. H. Cohlmeier,* Dem.	18,842
William Quigley, Pro.	520
Fred Delsburg, Pro.	517
Thomas Leeman, Soc.	2,250
T. J. Howorth, Prog.	8,625
45. T. E. Lyon,* Rep.	16,182
W. J. Butler, Rep.	15,943
J. F. Morris,* Dem.	19,341
J. M. Bell,* Dem.	18,556
F. J. Esper, Soc.	3,031
46. Charles L. Wood,* Rep.	19,469
J. M. Rapp,* Dem.	14,222
E. J. Kassarman,* Dem.	14,149
E. P. Johnson, Pro.	1,203
Owen Fagan, Soc.	872
Lester Leamon, Prog.	8,765
47. N. G. Flagg,* Rep.	11,642
J. G. Bardin, Rep.	11,495
F. A. Garesche,* Dem.	13,381
William Dickman,* Dem.	13,338
E. N. Groce, Pro.	1,172
S. B. Vaughan, Prog.	7,240
M. E. Kirkpatrick, Soc.	5,711
48. J. A. Watson,* Rep.	14,763
T. W. Hay, Rep.	12,006
C. L. Scott,* Dem.	18,974
W. E. Finley,* Dem.	18,696
P. W. Cox, Pro.	1,766
Berry Warren, Soc.	926
John Johnson, Soc.	915
C. E. Musgrave, Prog.	10,059
49. J. L. Flannigan, Rep.	12,147
Fred Keck,* Rep.	13,467
C. A. Karch,* Dem.	16,272
L. S. McWilliams,* Dem.	15,363
E. W. Walker, Pro.	632
A. Germer, Soc.	8,075
Harold Behrens, Prog.	9,566
50. R. D. Kirkpatrick, Rep.	16,144
Charles Curren,* Rep.	17,525
G. W. Crawford,* Dem.	17,551
J. H. Felts,* Dem.	17,281
G. L. Dubois, Pro.	963
John Conant, Soc.	2,995
51. G. B. Baker,* Rep.	11,693
Elwood Barker,* Rep.	12,050
T. W. Biggerstaff, Dem.	9,517
W. C. Kane,* Dem.	10,874
C. W. Henderson, Pro.	857
Bert Taverer, Soc.	2,341
J. R. Barker, Prog.	9,633

†Seated by state canvassing board. ‡Died Dec. 13.
 Note—Half votes are omitted from above table.

ILLINOIS ELECTORAL DISTRICTS.

COUNTY.	County seat.	Senatorial.	Congressional.	Judicial circuit.	JUDICIAL DIS. Appellate.	Supreme.
Adams.....	Quincy.....	36	15	8	3	4
Alexander.....	Carro.....	50	25	4	4	2
Anderson.....	Greenville.....	22	22	3	4	2
Boone.....	Belvidere.....	8	12	17	2	6
Brown.....	Mount Sterling.....	30	20	8	3	4
Bureau.....	Princeton.....	37	16	13	2	5
Calhoun.....	Hardin.....	36	20	8	3	2
Carroll.....	Mount Carroll.....	12	13	15	2	6
Cass.....	Virginia.....	30	20	8	3	4
Champaign.....	Urbana.....	24	19	6	3	3
Christian.....	Taylorville.....	40	21	4	3	2
Clark.....	Marshall.....	34	18	5	3	2
Clay.....	Louisville.....	42	24	4	4	2
Clinton.....	Carlyle.....	42	23	4	4	1
Coles.....	Charleston.....	34	19	5	3	3
Cook.....	Chicago.....	1,2,3,4,5,6 7,9,11,13,15 17,19,21,23 25,27,29,31		Not numbered	1 7	
Crawford.....	Robinson.....	48	23	2	4	2
Cumberland.....	Toledo.....	40	18	5	2	2
DeKalb.....	Sycamore.....	35	12	16	2	6
DeWitt.....	Clinton.....	28	19	6	3	3
Douglas.....	Tuscola.....	34	19	6	3	3
DuPage.....	Wheaton.....	41	11	16	2	7
Edgar.....	Paris.....	43	18	5	3	3
Edwards.....	Albion.....	22	24	2	4	1
Effingham.....	Effingham.....	23	23	4	4	2
Fayette.....	Vandalia.....	40	23	4	2	2
Ford.....	Paxton.....	26	17	11	3	3
Franklin.....	Benton.....	50	25	2	4	1
Fulton.....	Lewistown.....	43	15	9	3	4
Gallatin.....	Shawneetown.....	43	24	2	4	1
Greene.....	Carrollton.....	38	20	7	5	2
Grundy.....	Morris.....	20	12	13	2	5
Hamilton.....	McLeansboro.....	51	24	2	4	1
Hancock.....	Carthage.....	32	14	9	3	4
Hardin.....	Elizabethtown.....	43	24	2	4	1
Henderson.....	Oquawka.....	33	14	9	2	4
Henry.....	Cambridge.....	37	15	14	2	5
Iroquois.....	Watseka.....	20	18	12	2	3
Jackson.....	Murphysboro.....	41	25	1	4	1
Jasper.....	Newton.....	46	23	4	4	2
Jefferson.....	Mount Vernon.....	26	23	7	4	1
Jersey.....	Jerseyville.....	38	20	2	3	2
Jo Daviess.....	Galena.....	12	13	15	2	6
Johnson.....	Vienna.....	51	24	1	4	1
Kane.....	Geneva.....	14	11	16	2	6
Kankakee.....	Kankakee.....	20	18	12	2	7
Kendall.....	Yorkville.....	14	12	16	2	6
Knox.....	Galesburg.....	43	15	13	2	5
Lake.....	Waukegan.....	8	10	17	2	7
LaSalle.....	Ottawa.....	39	12	13	2	5
Lawrence.....	Lawrenceville.....	48	23	2	4	2
Lee.....	Dixon.....	35	13	15	2	6
Livingson.....	Pontiac.....	16	17	11	2	3
Logan.....	Lincoln.....	23	17	11	3	3
Macon.....	Decatur.....	28	19	6	3	3
Macoupin.....	Carlinville.....	38	21	7	3	2
Madison.....	Edwardsville.....	47	22	3	4	2
Marion.....	Salem.....	22	42	4	4	2
Marshall.....	Lacon.....	16	16	10	2	5
Mason.....	Havana.....	30	20	8	3	4
Massac.....	Metropolis.....	51	24	1	4	1
McDonough.....	Macomb.....	32	14	9	3	4
McHenry.....	Woodstock.....	8	11	17	2	6
McLean.....	Bloomington.....	26	17	11	3	2
Mercer.....	Petersburg.....	30	20	4	4	4
Mercer.....	Aledo.....	33	14	14	2	4
Monroe.....	Waterloo.....	44	22	3	4	1
Montgomery.....	Hillsboro.....	38	21	4	3	2
Morgan.....	Jacksonville.....	45	20	7	3	4
Moultrie.....	Sullivan.....	24	19	6	3	3
Ogle.....	Oregon.....	10	13	15	2	6
Peoria.....	Peoria.....	15	16	10	2	5
Perry.....	Pinckneyville.....	44	25	3	4	4
Piatt.....	Monticello.....	24	19	6	3	3
Pike.....	Pittsfield.....	36	20	8	3	2
Pope.....	Golconda.....	51	24	1	4	1
Pulaski.....	Mound City.....	50	25	1	4	1
Putnam.....	Hennepin.....	16	16	10	2	5
Randolph.....	Chester.....	44	25	3	4	1
Richland.....	Olney.....	46	23	2	4	2
Rock Island.....	Rock Island.....	35	14	14	2	4
Saline.....	Harrisburg.....	51	21	1	4	2
Sangamon.....	Springfield.....	51	21	7	3	3
Schuyler.....	Rushville.....	30	15	8	3	4

ILLINOIS ELECTORAL DISTRICTS.—CONTINUED.

COUNTY.	County seat.	Senatorial.	Congressional.	Judicial circuit.	JUDICIAL DIS.	
					Appellate.	Supreme.
Scott.....	Winchester.....	36	20	7	3	2
Shelby.....	Shelbyville.....	40	19	4	3	2
Stark.....	Toulon.....	37	16	10	2	5
St. Clair.....	Bellefonte.....	49	22	3	4	1
Stephenson.....	Freeport.....	12	13	15	2	3
Tazewell.....	Peoria.....	30	16	10	3	6
Union.....	Jonesboro.....	50	25	1	3	3
Vermilion.....	Danville.....	22	18	5	3	3
Wabash.....	Washington.....	48	23	2	4	1
Warren.....	Monmouth.....	22	14	9	2	4
Washington.....	Nashville.....	44	22	3	4	1
Wayne.....	Fairfield.....	46	24	2	4	1
White.....	Carroll.....	48	24	2	4	1
Whiteside.....	Morrison.....	35	13	14	2	6
Will.....	Joliet.....	41	11	12	2	2
Williamson.....	Marion.....	50	25	1	4	1
Winnebago.....	Rockford.....	10	12	17	2	6
Woodford.....	Eureka.....	16	17	11	2	5

GOVERNMENT OF ILLINOIS.

Legislative power is vested in a general assembly, consisting of a senate and house of representatives, both elected by the people. The state is divided into fifty-one senatorial districts, each of which elects a senator and three representatives. The general assembly makes laws and appropriates money for the government of the state, elects United States senators to represent the state and in general stands in the same relation to the state as congress does to the United States as a whole. The powers and duties of the chief executive officers are as follows:

Governor—The governor is vested with the chief executive power of the state. He is the commander in chief of the military and naval forces and may call out the militia to maintain the peace. He is required to inform the general assembly, by message, of the condition of affairs of the state and to recommend needed legislation. He may, by proclamation, call a special session of the assembly or adjourn it in case of disagreement between the two houses. He has the power to appoint certain officers and during a recess of the senate may fill vacancies or remove certain officers and may call special elections to fill vacancies in certain offices. He may make regulations upon the governors of other states for the return of fugitives from justice or offer rewards for the arrest of offenders against the laws of the state. He exercises a general supervision over the penitentiaries and may grant reprieves, commutations and pardons and may restore the rights of citizenship to ex-convicts. He may approve acts of the legislature and exercise the veto power.

Lieutenant-Governor—This officer is ex-officio president of the senate and has the power to cast the deciding vote in case of a tie. In case of the death, conviction on impeachment, failure to qualify, resignation, absence from the state or other disability on the part of the governor, the lieutenant-governor succeeds to the office to the close of the term.

Secretary of State—The secretary of state is charged with the safekeeping of the original laws and resolutions of the general assembly, with all books, bills and documents deposited with him by either house, and with all bonds, records and papers filed in his office. He keeps a record of the official acts of the governor, furnishes certified copies of the same to the assembly on request and certified copies of any of the records of his office on the payment of the statutory fees. He

countersigns and affixes the seal of the state to all proclamations and commissions issued by the governor; issues licenses for incorporations and certificates of organization to cities and villages and incorporated towns. He has charge of most of the buildings and grounds belonging to the state in Springfield, furnishes supplies for the general assembly and supervises the printing and distribution of all the public documents of the state. He calls the house of representatives to order at the beginning of each general assembly and presides over the same until the election of a speaker. He is the keeper of the great seal of the state and is the custodian and sealer of weights and measures.

Auditor—The auditor is required to keep all the accounts of the state; to audit the accounts of all officers or other persons authorized to receive moneys from the state treasury; to personally sign all warrants drawn on the treasury; to institute suits wherein the state is a plaintiff, and to make a biennial report of the business of his office to the governor. With the governor and treasurer he determines the state tax rate. He exercises a general supervision over state banks, building, loan and homestead associations.

State Treasurer—The state treasurer is custodian of the revenues and public moneys of the state. He must make monthly settlements with the auditor and a biennial report to the governor.

Superintendent of Public Instruction—The superintendent exercises a general supervision over all the public schools of the state. He is the general and legal adviser of the county superintendents and must report biennially to the governor the general condition of all the schools of the state, the amount raised by taxation for school purposes and the manner of its expenditure and the general condition of all the school funds. He may grant state certificates to teachers or cause them to be withheld and must visit charitable institutions which are educational in character.

Attorney-General—It is the duty of the attorney-general to represent the state in the Supreme court in all cases in which the state is interested; to act as counsel for all state officials; to be the legal adviser of the governor and other state officers in matters relating to their official duties, and, on request, to furnish them, as well as either branch of the general assembly, with written opinions upon constitutional or legal questions.

GOVERNORS OF ILLINOIS.

Shadrach Bond, Dem.....	1818-1822	John Wood, Rep.....	1860-1861	John R. Tanner, Rep....	1897-1901
Edward Coles, Dem.....	1822-1826	Richard Yates, Rep.....	1861-1865	Richard Yates, Jr., Rep..	1901-1905
Ninian Edwards, Dem....	1826-1830	Richard J. Oglesby, Rep.	1865-1869	Charles S. Deneen, Rep..	1905-1909
John Reynolds, Dem.....	1830-1834	John M. Palmer, Rep.....	1869-1873	Charles S. Deneen, Rep..	1909-1913
Wm. L. D. Ewing, Dem.....	1834-1838	Richard J. Oglesby, Rep.	1873-1877	Edward F. Dunne, Dem..	1913-
Joseph Duncan, Whig....	1838-1842	John L. Beveridge, Rep..	1877-1881	*Served only fifteen days, completing Reynolds' term.	
Thomas Carlin, Dem.....	1842-1846	Shelby M. Cullom, Rep....	1881-1885	†Died in office; succeeded by John Wood, Democrat after 1872.	
Thomas Ford, Dem.....	1846-1850	John M. Hamilton, Rep....	1885-1889	‡Elected United States senator; succeeded by John M. Hamilton.	
Augustus C. French, Dem.	1850-1853	Richard J. Oglesby, Rep..	1889-1893		
Joel A. Matteson, Dem....	1853-1857	Joseph W. Fifer, Rep.....	1893-1897		
Wm. H. Bissell, Rep.....	1857-1860	John P. Altgeld, Dem.....	1897-1899		



ILLINOIS SENATORIAL DISTRICTS.

Established May 10, 1901.

The establishment of new ward lines by the ordinance of Dec. 4, 1911, having made the terms of the state senatorial apportionment act of 1901 inapplicable or misleading so far as concerns Chicago, the districts lying within or partly within the city are herewith described in accordance with their street boundaries.

Dist.

1. From Lake Michigan west and south along the Chicago river to 22d street, east to Clark, south to 26th, west to Princeton avenue, south to 32d, east to South Park avenue, south to 33d, east to the lake, northward along lake shore to river. (South side.)
2. From Center avenue west on Madison to North Ashland boulevard, north to Washington boulevard, west to Western avenue, south to 12th, west to California avenue, south to 16th, east to Ladin, north to Taylor, east to Loomis, north to Van Buren, east to Center avenue, north to Madison. (West side.)
3. From Clark street west on 22d to river, south-west along river to Halsted, south to 34th, east to Union avenue, south to 25th, east to Parnell avenue, south to 39th, east to State, south to 43d, east to Lake Michigan, northwest along lake shore to 33d, west to South Park avenue, north to 32d, west to Princeton avenue, north to 26th, east to Clark, north to 22d. (South side.)
4. From State street west on 39th to 48th avenue, south to 55th, east to Rock Island tracks, south to 57th place, east to State, north to 39th. (South-west side.)
5. From Lake Michigan west on 43d to State, south to 71st, east to Cottage Grove avenue, north to 63d, east to the lake, northwest along lake shore to 43d. (South side.)
6. From Lake Michigan west on Devon avenue to Clark, south to Irving Park boulevard, east to Racine avenue, south to Fullerton avenue, east to Halsted, south to North avenue, west to river, along river northwest to Belmont avenue, east to Western avenue, north to Devon avenue, west to Kedzie, north to Howard; also all that part of the town of Evanston lying outside the city of Chicago, and those parts of the towns of Niles and New Trier lying within the city of Evanston. (North side.)
7. Towns of Thornton, Bloom, Rich, Bremen, Orland, Lemont, Palos, Worth, Lyons, Stickney, Proviso, Leyden, Elk Grove, Schaumburg, Hanover, Barrington, Palatine, Wheeling, Northfield; that part of Niles outside the city of Chicago and outside the city of Evanston; that part of New Trier outside the city of Evanston, and those parts of the towns of Norwood Park and Maine outside of Chicago, all in Cook county.
8. Lake, McHenry and Boone counties.
9. From Halsted street southwest along river to Hoyne avenue, north to 16th, west to California avenue, south and southwest along C. B. & Q. tracks to Clifton Park avenue, west to Central Park avenue, south to Illinois and Michigan canal, southwest to 39th, east to Parnell avenue, north to 35th, west to Union avenue, north to 34th, west to Halsted, south to river. (Southwest side.)
10. Ogle and Winnebago counties.
11. From State street west on 57th place to Rock Island tracks, north to Garfield boulevard (55th street), west to 48th avenue, south to 8th, east to Western avenue, south to 107th, east to Halsted, north to 103d, east to Stewart avenue, north to 99th, east to State, north to 57th place. (South-west side.)
12. Stephenson, Jo Daviess and Carroll counties.
13. From Indiana avenue east on 133th to Illinois and Indiana state line, north to Lake Michigan, northwest along lake shore to 63d, west to Cottage Grove avenue, south to 71st, west to State, south to 99th, west to Stewart avenue, south to 103d, west to Halsted, south to 107th; and all that part of the town of Calumet lying outside the city of Chicago. (South side.)
14. Kane and Kendall counties.
15. From the river west on Maxwell to Johnson, south to 14th, west to Throop, south to 16th, west to Hoyne avenue, south to Illinois and Michigan canal, northeast along canal and river to Maxwell. (West side.)
16. Marshall, Putnam, Livingston and Woodford counties.
17. From the river west on Van Buren to Loomis, south to Taylor, west to Ladin, south to 16th, east to Throop, north to 14th, east to Johnson, north to Maxwell, east to river, along river northwest to Van Buren. (West side.)
18. Peoria county.
19. From 48th avenue east on 39th to Illinois and Michigan canal, northeast along canal to Central Park avenue, north to 24th, east to Clifton Park avenue, north to C. B. & Q. tracks, northeast along tracks to California avenue, north to 12th, east to Western avenue, north to Washington boulevard, west to Homan avenue, north to Kinzie, west to 46th avenue, south to 12th, west to Austin avenue; also the village of Berwyn and the town of Riverside. (West side.)
20. Kankakee, Grundy and Iroquois counties.
21. From Ashland avenue west on Chicago avenue to Park avenue, south to Lake, west to Austin avenue, south to 12th, east to 46th avenue, north to Kinzie, east to Homan, south to Washington boulevard, east to Ashland avenue, north to Kinzie, east to Green, north to Milwaukee avenue, northwest to Cornell, west to Holt, north to Augusta, west to Ashland avenue, south to Chicago avenue. (West side.)
22. Vermillion and Edgar counties.
23. From Austin avenue east on Lake to Park avenue, north to Chicago avenue, east to Ashland avenue, north to North avenue, west to 72d avenue; and village of Oak Park. (West side.)
24. Champaign, Piatt and Monticue counties.
25. From Western avenue west on Devon avenue, Fulton and Hamilton to city limits, south on Winter to Everill avenue, east to 73d avenue, south to Bryn Mawr avenue, east to 60th avenue, south to Irving Park boulevard, west to 72d avenue, south to North avenue, east to Robey, north to Fullerton avenue, east to river, northwest along river to Belmont avenue, east to Western avenue, north to Devon avenue. (Northwest side.)
26. McLean and Ford counties.
27. From the river west on Fullerton avenue to Robey, south to North avenue, east to Ashland avenue, south to Augusta, east to Holt, south to Cornell, east to Milwaukee avenue, southeast to Green, south to Kinzie, west to Ashland avenue, south to Madison, east to Center avenue, south to Van Buren, east to river and northwest along river to Fullerton avenue. (West side.)
28. Logan, DeWitt and Macon counties.
29. From Lake Michigan west on Schiller to State, south to Goethe, west to Sedgwick, north to Sigel, west to Cleveland avenue, south to Clybourn avenue, northwest to Larrabee, south to Division, west to Halsted, south to river, thence along river southeast and east to Lake Michigan, north along lake shore to Schiller. (North side.)
30. Tazewell, Mason, Menard, Cass, Brown and Schuyler counties.
31. From Lake Michigan west on Devon avenue to Clark street, south and southeast to Irving Park boulevard, east to Racine avenue, south to Fullerton avenue, east to Halsted, south to North avenue, west to river, southeast along river to Halsted, north to Division, east to Larrabee, north to Clybourn avenue, southeast to Cleveland avenue, north to Sigel, east to Sedgwick, south to Goethe, east to State, north to Schiller, east to Lake Michigan, north and northwest along lake shore to Devon avenue. (North side.)
32. McDonough, Hancock and Warren counties.
33. Rock Island, Mercer and Henderson counties.
34. Douglas, Coles and Clark counties.
35. Whiteside, Lee and DeKalb counties.
36. Scott, Calhoun, Pike and Adams counties.
37. Henry, Bureau and Stark counties.

38. Greene, Montgomery, Jersey and Macoupin counties.
39. LaSalle county.
40. Christian, Shelby, Fayette and Cumberland counties.
41. DuPage and Will counties.
42. Clinton, Marion, Clay and Effingham counties.
43. Knox and Fulton counties.
44. Washington, Randolph, Perry, Monroe and Jackson counties.

45. Morgan and Sangamon counties.
46. Jefferson, Wayne, Richland and Jasper counties.
47. Madison and Bond counties.
48. Hardin, Gallatin, White, Edwards, Wabash, Lawrence and Crawford counties.
49. St. Clair county.
50. Franklin, Williamson, Union, Alexander and Pulaski counties.
51. Hamilton, Saline, Pope, Johnson and Massac counties.

ILLINOIS PRIMARY ELECTIONS.

(For full outline of the Illinois primary law of March 9, 1910, see The Daily News Almanac and Year-Book for 1911, page 47.)

DATES OF PRIMARIES.

A primary shall be held on the second Tuesday in April in every year in which officers are to be voted for on the first Tuesday after the first Monday in November of such year, for the nomination of candidates for such offices as are to be voted for at such November election, and shall be known as the April primary. This includes the nomination of candidates for members of the general assembly.

A primary shall be held on the second Tuesday in April in any year in which the judges of the Supreme court, judges of the Circuit court and judges of the Superior court of Cook county are to be elected on the first Monday in June of such year for the nomination of candidates for such offices, respectively.

A primary shall be held on the last Tuesday in February in each year for the nomination of such officers as are to be voted for on the first Tuesday in April of such year.

A primary shall be held on the second Tuesday in March in each year for the nomination of such officers as are to be voted for on the third Tuesday in April of such year.

A primary for the nomination of all other officers, nominations for which are required to be made under the provisions of the act, shall be held three weeks preceding the date of the general election for such offices, respectively.

The polls shall be open from 6 o'clock a. m. to 5 o'clock p. m.

Any person entitled to vote at such primary shall be entitled to absent himself from his work for two hours between the opening and closing of the polls without incurring loss of wages or salary, providing application shall have been made on the preceding day. The employer may specify the hours.

PETITIONS.

Petitions for nomination shall be signed:

For a state office, by not less than 1,000 nor more than 2,000 primary electors of his party.

For a state senator or assemblyman, by at least one-half of 1 per cent of the qualified primary electors of his district.

For a congressional office, by at least one-half of 1 per cent of the qualified primary electors of his party in his congressional district.

For a judicial office, by at least one-half of 1 per cent of the qualified electors in the district.

For a county office, by at least one-half of 1 per cent of the qualified primary electors of his party cast at the last preceding general election in his county; if for the nomination for county commissioner of Cook county, then by at least one-half of 1 per cent of the qualified primary electors of his party in his county in the division in which such person is a candidate for nomination.

For a city or village office, to be filed by the electors of the entire village, by at least one-half of 1 per cent of the qualified primary electors of

his party in his city or village; if for alderman, by at least one-half of 1 per cent of the voters of his party in his ward.

For state central committeeman, by at least 100 of the primary electors of his party of his congressional district.

For a candidate for trustee of a sanitary district, by at least one-half of 1 per cent of the primary electors of his party from such sanitary district.

For a candidate for clerk of the Appellate court, by at least one-half of 1 per cent of the primary electors of his party of the district.

For any other office, by at least ten primary electors of his party of the district or division for which nomination is made.

Any candidate for United States senator may have his name printed upon the primary ballot of his party by filing with the secretary of state not less than thirty days prior to the April primary a petition signed by not less than 3,000 primary electors, nor more than 5,000 members of the party of which he is a candidate. The vote upon candidates for United States senator, however, is for the sole purpose of ascertaining the sentiment of the voters of the respective parties in the state as a whole and not by senatorial districts.

CONVENTIONS.

On the first Monday after the April primary the county central committee of each political party shall meet at the county seat and organize, such meeting to be called the county convention. The county convention of each political party shall choose delegates to the congressional and state conventions of its party. Only precinct committeemen residing within a congressional district shall take part in the selection of delegates to a congressional convention. Each delegate to the county convention shall have one vote and one additional vote for each fifty or major fraction thereof of his party as cast in his precinct at the last general election.

All congressional conventions shall be held on the first Wednesday after the first Monday next succeeding the April primary. The congressional convention of each political party shall have power to select delegates to national nominating convention and to recommend to the state convention of its party the nomination of candidate or candidates from such congressional district for elector or electors of president and vice-president of the United States.

All state conventions shall be held on the first Friday after the first Monday next succeeding the April primary. The state convention of each political party shall have power to make nominations of candidates for the electors of president and vice-president of the United States, and for trustees of the University of Illinois, to adopt any party platform and to select delegates and alternates to the national nominating conventions.

STATE LIFE INSURANCE.

Life insurance by the state was inaugurated in Wisconsin in October, 1912. The plan, claimed to be the first of the kind tried in the United States, provides that any citizen of the state living a normal, healthy life may take out a policy after passing satisfactorily a medical examination under the supervision of the state board of health. Ap-

plicants must be between 20 and 50 years of age and may choose any one of the following plans: Ordinary life, twenty-payment life, ten-year endowment, endowment at age of 65 or term to age of 65. Each application must be accompanied by one full annual premium and \$2 medical examination fee.

POPULAR VOTE OF ILLINOIS (1890-1910).

Year.	Office.	Rep.	Dem.	Pro.	Peo.	Soc.	Total.
1890	President	318,097	277,321	440	26,398	.....	622,306
1892	Treasurer	250,722	244,585	11,130	15,511	.....	521,948
1894	President	337,469	312,351	12,074	10,776	.....	672,670
1896	Treasurer	276,680	240,664	19,766	34,821	.....	572,986
1898	President	370,475	348,371	21,703	7,134	.....	747,683
1890	Treasurer	321,991	331,929	22,236	.....	.....	677,133
1892	President	399,288	426,281	25,871	22,207	.....	873,647
1894	Treasurer	465,788	321,551	19,460	60,067	.....	868,551
1896	President	607,130	464,523	9,796	1,090	1,147	1,090,766
1898	Treasurer	448,940	405,490	11,753	7,886	4,517	878,577
1900	President	507,985	503,061	17,626	1,141	11,060	1,131,897
1902	Treasurer	450,695	596,925	13,434	1,521	28,399	859,976
1904	President	632,645	327,606	34,770	6,725	73,923	1,076,499
1906	Treasurer	417,544	271,984	89,293	.....	45,862	824,583
1908	President	629,932	460,810	29,364	633	34,711	1,155,254
1910	Treasurer	436,484	376,046	20,013	.....	49,687	882,230

NOTE.—In the above table the total vote includes the scattering vote for minor party candidates. The vote in the people's party column prior to 1890 is that cast for the greenback party and in

1888 for the labor party. The socialist vote as given includes that of the social labor and social democrat parties. The vote of 1912 will be found under "Election Returns," this volume.

VOTE FOR ILLINOIS GOVERNORS, 1890-1908.

1890.	
Shelby M. Cullom, Rep.....	314,565
Lyman Trumbull, Dem.....	277,532
A. J. Streeter, Greenback.....	28,898

1894.	
Richard J. Oglesby, Rep.....	334,234
Carter H. Harrison, Sr., D.....	319,635
Jesse Harper, Peo.....	8,605
James B. Hobbs, Pro.....	10,905

1898.	
Joseph W. Fifer, Rep.....	367,860
John M. Palmer, Dem.....	355,313
David H. Harts, Pro.....	18,874
Willis W. Jones, U. L.....	6,394

1892.	
John P. Altgeld, Dem.....	425,558
Joseph W. Fifer, Rep.....	402,686
Robert R. Link, Pro.....	24,808
Nathan Barnett, Peo.....	20,108

1896.	
John R. Tanner, Rep.....	587,627
John P. Altgeld, Dem.....	474,256
George W. Gere, Pro.....	14,559
Wm. S. Forman, Gold D.....	8,102
C. A. Baustian, Soc. Lab.....	985
J. W. Higgs, Nat.....	723

1900.	
Richard Yates, Rep.....	580,199
Samuel Aischuler, Dem.....	518,966
V. V. Barnes, Pro.....	15,643
Herman C. Perry, Soc. D.....	8,611
L. P. Hoffman, Soc. Lab.....	1,319
A. C. Van Tine, Peo.....	1,106
L. G. Spencer, U. B.....	650
John Cordingley, U. C.....	384

1904.	
Charles S. Deneen, Rep.....	634,029
Laurence B. Stringer, D.....	334,880
John Collins, Soc.....	59,402
Robert H. Patton, Pro.....	35,440
Philip Veal, Soc. Lab.....	3,379
James Hogan, Peo.....	4,364
A. G. Specht, Continental.....	780

1908.	
Charles S. Deneen, Rep.....	550,076

Adlai E. Stevenson, Dem.....	526,912
Daniel E. Shoen, Pro.....	53,992
James H. Brower, Soc.....	31,293
Gustav A. Jennings, Soc. L.....	1,526
George W. McCaskrin, Ind.....	10,883

VOTE FOR STATE TREASURERS, 1890-1910.

(Minor candidates omitted.)

1890.	
Edward Rutz, Rep.....	317,872
Thos. Butterworth, Dem.....	276,670
J. W. Evans, Greenback.....	26,658

1892.	
John C. Smith, Rep.....	250,722
Alfred Orendorff, Dem.....	244,585
Daniel McLaughlin, Gbk.....	15,511
John G. Irwin, Pro.....	11,130

1894.	
Jacob Gross, Rep.....	338,171
Alfred Orendorff, Dem.....	313,401
U. B. Goodhue, Peo.....	10,451
Liah Copp, Pro.....	11,119

1896.	
John R. Tanner, Rep.....	276,680
Henry F. J. Ricker, Dem.....	240,864
H. W. Austin, Pro.....	19,766
John Budlong, Un. Lab.....	34,701

1898.	
Charles Becker, Rep.....	369,981
Francis A. Hoffman, Jr., D.....	348,834
John W. Hart, Pro.....	21,174
Nathan Barnett, Un. Lab.....	7,491

1890.	
Edwin S. Wilson, Dem.....	331,837
Franz Amberg, Rep.....	321,990
R. R. Link, Pro.....	22,236

1892.	
Rufus N. Ramsay, Dem.....	425,855
Henry L. Hertz, Rep.....	396,318
Thos. S. Marshall, Pro.....	26,426
John W. McElroy, Peo.....	21,579

1894.	
Henry Wulff, Rep.....	455,986

B. J. Claggett, Dem.....	322,459
John Randolph, Peo.....	59,793
H. J. Futerbaugh, Pro.....	19,487

1896.

Henry L. Hertz, Rep.....	589,816
Edw. C. Pace, Dem.-Peo.....	473,043
E. K. Hayes, Pro.....	11,849
Edward Rldgeley, Gold. D.....	8,411

1898.

Floyd K. Whittemore, Rep.....	448,940
Millard F. Dunlap, Dem.....	405,490
John W. Hess, Pop.....	7,393
Wm. H. Boies, Pro.....	11,792

1900.

Moses O. Williamson, Rep.....	582,002
Millard F. Dunlap, Dem.....	508,720
Henry C. Tunison, Pro.....	16,613
Jacob Winnen, Soc. Dem.....	8,881

1902.

Fred A. Busse, Rep.....	450,685
George Duddleston, Dem.....	360,925
Chas. H. Tiesburg, Pro.....	18,434
A. W. Nelson, Soc.....	20,167
Gottlieb Renner, Soc. Lab.....	8,235

1904.

Len Small, Rep.....	610,390
Chas. B. Thomas, Dem.....	353,232
J. Ross Hanna, Pro.....	35,664
E. S. Tebbetts, Soc.....	62,842

1906.

John F. Smulski, Rep.....	417,544
Nicholas L. Piotrowski, D.....	271,984
William P. Allin, Pro.....	89,293
Wilson E. McDermut, Soc.....	42,005

1908.

Andrew Russel, Rep.....	619,698
John B. Mount, Dem.....	449,978
Albert S. Spalding, Pro.....	31,037
William Bross Lloyd, Soc.....	33,077

1910.

Edward E. Mitchell, Rep.....	436,484
Alphens K. Hartley, Dem.....	376,046
Lorenzo J. Kendall, Pro.....	20,013
O. T. Fraenkel, Soc.....	49,687

ATTORNEY (1900-1910).

COOK COUNTY VOTE FOR SHERIFF AND STATE'S

1900—FOR STATE'S ATTORNEY.

Charles S. Deneen, Rep.....	205,709
Julius Goldzier, Dem.....	179,696
Walter Hawk, Pro.....	5,236
C. H. Becker, Peo.....	153
Thos. J. Morgan, Soc. Dem.....	6,227

1902—FOR SHERIFF.

Daniel D. Healy, Rep.....	135,036
Thomas E. Barrett, Dem.....	141,822
Joseph P. Tracy, Pro.....	4,840
Henry Sale, Soc. Lab.....	5,973
James P. Larsen, Soc.....	13,134
Thos. Donegan, Single Tax.....	908

FOR SHERIFF AND STATE'S

1904—FOR STATE'S ATTORNEY.

John J. Healy, Rep.....	206,487
George A. Trude, Dem.....	132,811
M. C. Harper, Pro.....	5,639
Seymour Stedman, Soc.....	39,736
Henry Sale, Soc. Lab.....	2,547
L. A. Shaw, Peo.....	1,468

1906—FOR SHERIFF.

Christopher Strassheim, R.....	131,608
Harry R. Gibbons, Dem.....	93,836
S. C. Wilson, Pro.....	3,745
James P. Larsen, Soc.....	26,055
James J. Gray, Ind. League.....	49,296
John Fitzpatrick, Prog. Al.....	1,400

1908—FOR STATE'S ATTORNEY.

John E. W. Wayman, Rep.....	197,805
Jacob J. Kern, Dem.....	146,133
William Street, Pro.....	45,528
Seymour Stedman, Soc.....	17,471
Charles H. Mitchell, Ind.....	9,279
See "Election Returns" for 1912 vote.	

1910—FOR SHERIFF.

Michael Zimmer, Dem.....	185,445
Frank A. Vogler, Rep.....	145,598
O. F. Sorber, Pro.....	5,038
Wm. Van Bodegraven, Soc.....	27,588

PRESIDENTIAL VOTE FROM 1884 TO 1908.
(See "Election Returns" for vote of 1912.)

1884.		Chicago. Cook Co.		Chicago. Cook Co.	
James G. Blaine, Rep.....	51,420	69,251	William J. Bryan, Dem.....	177,165	186,193
Grover Cleveland, Dem.....	48,530	60,609	John G. Woolley, Pro.....	2,977	3,490
B. F. Butler, Greenback.....	540	810	Wharton Barker, Pro.....	185	211
John P. St. John, Pro.....	484	997	Eugene V. Debs, Soc. Dem.....	6,553	6,752
			Joseph P. Malloney, Soc. Lab.....	410	434
1888.			Seth W. Ellis, Union Reform.....	145	160
Benjamin Harrison, Rep.....	60,102	85,307	J. F. R. Leonard, United Chr.....	130	134
Grover Cleveland, Dem.....	63,706	84,491	1904.		
Clinton B. Flak, Pro.....	1,308	2,577	Theodore Roosevelt, Rep.....	208,689	229,873
Alson J. Streeter, Union Labor.....	255	303	Alton B. Parker, Dem.....	98,765	103,762
R. H. Cowdrey, United Labor.....	126	140	Silas G. Swallow, Pro.....	4,652	5,290
1892.			Eugene V. Debs, Soc. Lab.....	45,929	47,743
Grover Cleveland, Dem.....	136,474	144,604	C. H. Corragan, Soc. Lab.....	2,556	2,660
Benjamin Harrison, Rep.....	100,849	111,254	Thomas E. Watson, Pro.....	3,155	3,323
James B. Weaver, Pro.....	1,506	1,614	Austin Holcomb, Cont.....	288	319
John Bidwell, Pro.....	3,029	3,858	1908.		
1896.			William H. Taft, Rep.....	205,830	230,400
William McKinley, Rep.....	200,747	221,823	William J. Bryan, Dem.....	143,544	152,990
William J. Bryan, Dem.....	144,736	151,910	Eugene Chaffin, Pro.....	4,982	5,965
Joshua Levering, Pro.....	1,849	2,149	Eugene V. Debs, Soc.....	17,712	18,842
Charles E. Bentley, Nat.....	141	163	Thomas L. Higen, Ind.....	5,633	6,994
Charles H. Matchett, Soc. Lab.....	712	727	Daniel B. Turney, U. Chr.....	169	178
John M. Palmer, Gold Dem.....	2,300	2,600	August Gillhaus, Soc. Lab.....	616	649
1900.			Thomas E. Watson, Pro.....	49	73
William McKinley, Rep.....	184,786	203,760			

ILLINOIS NATIONAL GARD AND NAVAL RESERVE.

Commissioned officers, 565; enlisted men, 6,300.

Commander in Chief—Gov. Edward F. Dunne.
The Adjutant-General—Brig.-Gen. Frank S. Dickson.
Adjutant-General—Col. Richings J. Shand.
Assistant Quartermaster-General—Col. S. O. Tripp.
The Division (headquarters Chicago)—Maj.-Gen. Edward C. Young commanding.
First Brigade (headquarters Chicago)—Brig.-Gen. D. Jack Foster commanding.
Second Brigade (headquarters Decatur)—Brig.-Gen. Frank P. Wells commanding.
Third Brigade (headquarters Rock Island)—Brig.-Gen. Edward Kittilsen commanding.
First Infantry (headquarters Chicago)—Col. J. B. Sanborn commanding.
Second Infantry (headquarters Chicago)—Col. John J. Garrity commanding.
Third Infantry (headquarters Aurora)—Col. Charles H. Greene commanding.
Fourth Infantry (headquarters Springfield)—Col. Edward J. Lang commanding.
Fifth Infantry (headquarters Quincy)—Col. Frank S. Wood commanding.
Sixth Infantry (headquarters Sterling)—Col. W. F. Lawrie commanding.
Seventh Infantry (headquarters Chicago)—Col. Daniel Moriarty commanding.
Eighth Infantry (colored, headquarters Chicago)—Col. John R. Marshall commanding.
First Cavalry (nine troops, Chicago)—Col. Milton J. Foreman commanding.
Battalion, Field Artillery (headquarters Waukegan)—Maj. A. V. Smith commanding.
Signal Corps (Chicago)—Capt. Alvin H. McNeal commanding.
Medical Department (attached to the various commands)—Brig.-Gen. Charles Adams, Chicago, surgeon-general, commanding.
Inspector-General—Col. Chauncey Dewey, Chicago.
Assistant Chief of Ordnance—Col. Gordon Strong, Chicago.
Judge-Advocate-General—Col. Nathan W. MacChesney, Chicago.

ARMORIES IN CHICAGO.

First Regiment Infantry—1542 Michigan avenue.
Second Regiment Infantry—Washington boulevard and North Curtis street.
Seventh Regiment Infantry—Wentworth avenue, between 33d and 34th streets.
Eighth Regiment Infantry—53 East 37th street.
First Regiment Cavalry Headquarters—1330 North Clark street.
First Brigade Headquarters—Room 1307, 209 South State street.
Signal Corps Headquarters—In 2d regiment armory.

ILLINOIS NAVAL RESERVE.

COMMISSIONED AND WARRANT OFFICERS.

1. Official designation—Illinois Naval Reserve.
2. Plan of organization—Ship's company (ten deck divisions, three engineer divisions).
3. Address of Headquarters—331 Michigan avenue, Chicago.
4. Vessels loaned to state, where located and by which portion of command used—U. S. S. Dubuque, Chicago, by entire command at different times; Nashville returned to U. S. navy, U. S. S. Dubuque loaned instead.
5. Number of commissioned officers..... 44
Number of petty officers and enlisted men..... 526
Total 570
6. Location of divisions—
First, Chicago, mustered in May 15, 1900.
Second, Chicago, mustered in May 15, 1900.
Third, Chicago, mustered in May 15, 1900.
Fourth, Chicago, mustered in May 15, 1900.
Fifth (engineer), Chicago, mustered in July 1, 1903.
Sixth (engineer), Chicago, mustered in July 1, 1903.
Seventh, Moline, mustered in Sept. 30, 1893.
Eighth, Alton, mustered in Feb. 18, 1896.
Ninth, Quincy, mustered in May 21, 1897.
Tenth, Peoria, mustered in Jan. 24, 1912.

ILLINOIS RECEIPTS AND EXPENDITURES.

[From biennial reports of state treasurers.]

Year.	Balance.	Receipts.	Disbursements.	Year.	Balance.	Receipts.	Disbursements.
1820.....		\$62,226.00	\$47,145.00	1900.....	\$2,617,955.83	\$16,382,020.34	\$15,621,652.19
1830.....		106,898.00	119,370.00	1902.....	3,378,324.03	16,491,486.11	16,422,576.38
1840.....		305,284.00	374,401.00	1904.....	3,447,253.76	19,763,176.57	17,661,017.36
1850.....	\$230,095.27	957,394.67	708,371.74	1906.....	5,549,226.65	19,558,842.06	21,278,805.27
1860.....	919,331.63	7,407,263.36	7,279,051.97	1908.....	3,859,263.44	21,611,919.46	21,046,572.46
1870.....	4,502,970.53	10,749,034.54	13,201,279.14	1910.....	4,424,610.44	*26,957,187.79	*25,882,587.93
1880.....	2,468,606.89	10,049,206.97	8,727,811.87	1912.....	*5,499,210.30	.....	.....
1890.....	4,445,467.99	10,586,743.28	10,682,659.39				

*To Sept. 30, 1912. †Oct. 1, 1912.

POPULATION OF ILLINOIS BY COUNTIES.

[From federal census reports.]

Counties.	1820.	1830.	1840.	1850.	1860.	1870.	1880.	1890.	1900.	1910.
Adams		2,186	14,476	26,508	41,323	56,362	59,148	61,188	67,058	64,588
Alexander	626	1,390	3,313	2,484	4,707	10,554	14,809	16,563	19,384	22,741
Bond	2,981	8,124	5,069	14,414	13,852	14,873	14,873	14,560	16,708	17,075
Boone			1,705	7,624	11,678	12,942	11,527	12,203	15,791	16,561
Brown			4,183	7,198	9,938	12,205	13,044	11,951	11,557	10,397
Bureau			3,067	8,841	26,426	34,415	23,189	35,014	41,112	43,975
Calhoun		1,090	1,741	3,231	5,144	6,582	7,471	7,652	8,917	8,610
Carroll			1,023	4,586	11,733	16,705	16,985	18,320	18,963	18,085
Cass			2,981	7,253	11,325	11,580	14,494	15,963	17,222	17,372
Champaign			1,475	2,649	14,629	22,737	40,869	42,159	47,622	51,829
Christian			1,878	3,203	10,492	20,363	28,232	30,531	32,790	34,594
Clark	931	3,940	7,453	9,522	14,987	18,719	21,900	21,899	24,033	23,517
Clay		755	3,228	4,289	9,336	15,875	16,195	16,772	19,553	18,661
Clinton		2,330	3,718	5,139	10,941	16,285	18,718	17,411	19,824	22,832
Coles			9,335	14,203	25,535	27,055	30,093	34,146	34,517	
Cook		10,201	42,385	144,954	349,966	607,719	1,191,922	1,838,735	2,405,233	
Crawford	2,999	3,117	4,422	7,133	13,351	13,889	16,190	17,283	19,240	26,261
Cumberland				3,718	8,311	12,223	13,762	15,443	16,124	14,261
DeKalb			1,697	7,540	19,086	23,265	26,774	27,066	31,756	33,457
DeWitt			3,247	5,002	10,820	14,768	17,014	17,011	18,927	18,906
Douglas					7,140	13,484	15,857	17,669	19,097	19,591
DuPage			3,535	9,290	14,701	16,685	19,187	22,551	28,196	33,432
Edgar		4,071	8,225	10,692	16,925	21,450	25,504	26,787	28,273	27,336
Edwards	3,444	1,649	3,070	3,524	7,454	7,565	8,600	9,444	10,345	10,049
Elkhinham			1,675	3,799	7,316	15,653	18,924	19,358	20,465	20,055
Payette		2,704	6,238	8,075	11,189	19,638	23,243	23,367	28,065	28,075
Ford					1,979	9,103	15,105	17,035	18,259	17,096
Franklin	1,763	4,083	3,682	5,681	9,393	12,652	16,129	17,138	19,675	25,943
Fulton		1,841	13,142	22,508	33,338	38,291	41,249	43,110	46,201	49,549
Gallatin	3,156	7,405	10,405	9,418	10,855	11,134	12,862	15,332	16,332	14,628
Greene		7,674	11,951	12,429	16,093	20,277	23,014	23,791	28,402	30,393
Grundy				3,023	10,379	14,928	16,738	21,024	24,136	24,162
Hamilton		2,616	3,945	6,362	9,915	13,014	16,712	17,800	20,197	18,227
Hancock		483	9,946	14,652	29,061	35,935	35,352	31,907	32,215	30,638
Hardin			1,378	2,887	3,759	5,113	6,024	7,234	7,448	7,015
Henderson				4,612	9,501	12,582	10,755	9,876	10,836	9,724
Henry		41	1,260	3,809	20,660	35,506	36,609	33,338	40,049	41,736
Iroquois			1,695	4,149	12,325	25,782	35,457	37,167	38,014	35,543
Jackson	1,542	1,828	3,566	5,862	9,589	19,634	22,508	25,809	33,871	35,143
Jasper			1,472	3,220	8,364	11,238	14,515	18,188	20,160	18,157
Jefferson	691	2,555	5,762	8,109	12,965	17,864	20,686	22,590	28,133	29,111
Jersey			4,535	7,554	12,051	15,054	15,546	14,810	14,612	13,954
Jo Daviess		2,111	6,180	13,004	27,325	27,820	27,534	26,101	24,593	22,657
Johnson	843	1,596	3,626	5,114	9,248	13,079	15,013	15,663	14,333	14,333
Kane			6,501	16,703	30,062	39,091	44,956	46,061	48,792	48,792
Kankakee					15,412	24,352	24,961	28,732	37,154	40,762
Kendall				7,730	12,074	12,399	13,084	12,106	11,467	10,777
Knox		274	7,060	13,278	28,663	39,522	38,360	38,752	43,612	46,159
Lake			7,654	14,226	18,257	21,914	21,299	24,235	34,504	55,058
LaSalle			9,348	17,815	48,332	69,792	70,420	80,798	87,776	90,132
Lawrence		3,668	7,092	6,121	9,214	12,533	13,633	14,693	16,523	22,661
Lee			2,035	5,292	17,691	27,171	27,494	26,187	29,894	27,750
Livingston		759	1,552	11,637	11,937	31,471	38,450	38,455	42,035	40,465
Logan			2,333	5,128	14,272	23,053	25,041	25,489	28,680	30,216
Macon		1,122	3,039	3,988	13,738	26,481	30,671	30,083	44,003	54,186
Macoupin		1,990	7,826	13,355	24,602	32,726	37,705	40,380	42,256	50,685
Madison	13,550	6,221	14,753	20,441	31,351	44,131	50,141	51,535	54,694	59,847
Mason		2,125	4,493	5,720	12,739	20,622	23,691	24,341	30,465	35,165
Marshall			1,849	5,180	13,487	15,596	15,036	13,653	16,370	15,679
Mason				5,021	10,931	16,184	16,244	16,067	17,491	17,377
Massac				4,092	6,213	9,581	10,443	11,314	13,110	14,200
McDonough			5,308	7,616	20,069	26,509	27,984	27,467	28,312	26,887
McHenry			2,578	14,913	22,089	25,762	24,914	26,114	29,759	32,509
McLean			6,565	10,163	28,772	53,988	60,115	63,026	67,843	68,008
Menard			4,431	6,349	9,584	11,735	13,028	13,120	14,336	12,796
Mercer		26	2,352	5,246	15,042	18,769	19,501	18,545	20,944	19,723
Monroe	1,516	2,000	4,481	7,679	12,832	12,982	13,682	12,948	13,847	13,508
Montgomery		2,953	4,940	6,277	13,979	23,314	28,086	30,003	30,836	35,311
Morgan		12,714	19,547	16,064	22,112	28,463	31,519	32,636	35,006	34,420
Moultrie				2,234	10,385	10,385	13,705	14,451	15,224	14,860
Ogle			3,479	10,020	27,427	29,946	29,946	29,946	29,946	27,864
Peoria			6,153	17,547	36,601	47,540	55,419	70,378	80,608	100,255
Perry		1,215	3,222	5,273	9,552	13,723	16,008	17,529	19,830	22,088
Piatt				1,696	6,127	10,953	15,583	17,062	17,706	16,376
Pike		2,396	11,728	13,819	27,249	30,768	33,761	31,000	31,595	23,622
Pope	2,610	3,216	4,094	3,975	6,742	11,437	13,256	14,017	13,585	11,215
Pulaski				2,264	3,943	8,752	9,507	11,355	14,554	15,650
Putnam		1,310	2,131	3,924	5,587	6,280	6,555	4,730	4,746	7,561
Randolph	3,492	4,429	7,944	11,079	17,205	20,859	25,691	25,049	28,001	29,120
Richland				3,012	9,711	12,863	15,546	15,019	16,391	15,970
Rock Island			2,610	6,938	21,005	29,753	38,314	41,917	55,249	70,404
Saline				5,588	9,331	12,714	16,940	19,342	21,686	30,204
Sangamon		12,960	14,716	19,228	32,274	46,352	52,902	61,195	71,593	91,029
Schuyler		2,959	6,972	10,573	14,684	17,419	16,249	16,013	16,129	14,852

Counties.	1820.	1830.	1840.	1850.	1860.	1870.	1880.	1890.	1900.	1910.
Scott			6,215	7,914	9,069	10,530	10,745	10,304	10,455	10,067
Shelby		2,972	6,659	7,907	14,613	25,476	30,282	31,181	32,126	31,693
St. Clair	5,248		1,573	9,710	9,004	19,751	11,209	9,982	10,186	10,098
Stephenson			13,631	20,180	37,694	51,063	61,850	65,571	86,865	119,870
Tazewell		4,716	7,221	12,052	21,470	27,903	29,679	29,556	33,221	34,027
Union	2,362	3,239	5,524	7,615	11,181	17,513	18,100	21,549	22,610	21,856
Vermilion		5,836	9,303	11,402	19,800	30,388	41,600	49,905	65,635	77,996
Wabash		2,710	4,240	4,690	7,313	8,841	9,945	11,866	12,583	14,913
Warren		308	6,739	8,176	18,336	23,174	22,940	21,281	23,163	23,313
Washington	1,547	1,675	4,810	6,953	13,731	17,599	21,117	19,262	19,526	18,759
Wayne	1,114	2,553	5,123	6,825	12,223	10,758	21,297	23,806	27,626	25,697
White	4,828	6,091	7,919	9,825	12,403	16,846	23,089	25,005	25,386	23,052
Whiteside			2,514	5,361	18,737	27,503	30,888	30,854	34,710	34,507
Will			10,167	16,703	29,389	49,013	58,424	62,007	74,764	84,371
Williamson			2,457	7,716	12,241	17,329	19,326	22,226	27,796	48,093
Winnebago			4,609	11,213	24,491	29,501	30,513	39,938	47,845	63,153
Woodford				4,415	12,282	18,956	21,630	21,429	21,822	20,506

Aggregate 55,162 157,445 476,183 851,470 1,711,951 2,539,891 3,077,871 3,826,351 4,821,550 5,638,591

NOTE.—In 1800 and 1810 the territory of Illinois contained but two organized counties, Randolph and St. Clair. In 1800 the population of Randolph county was 1,103 and of St. Clair 1,255, total 2,353; in 1810 Randolph 7,275 and St. Clair 5,007, total 12,282.

POPULATION OF COOK COUNTY (1910).

BY TOWNSHIPS.

Barrington	1,953	Thornton	22,067	Glen View	652	Phoenix	679
Berwyn	5,841	Wheeling	3,845	Glencoe	1,309	Posen	343
Bloom	18,339	Worth	7,354	Glenwood	581	Riverdale	917
Bremen	1,898	Total population		Gross Point	1,008	River Forest	2,456
Calumet	8,881	incldg. Chicago	2,405,233	Harvey	7,227	River Grove	418
Cicero	14,557	BY CITIES AND VILLAGES.		Hillside	328	Riverside	1,702
Elk Grove	1,302	Arlington Hgts.	1,943	Hodgkins	480	Riverview	312
Evanston	690	Barrington*	1,144	Homewood	713	Shermerville	441
Hanover	1,649	Bartlett	408	Kenilworth	881	S. Chl. Heights	552
Lemont	4,296	Bellwood	943	LaGrange	5,282	South Holland	1,065
Leyden	2,813	Berwyn	5,841	LaGrange Park	1,131	Spring Forest	334
Lyons	11,289	Blue Island	8,043	Lansing	1,060	Steger	2,161
Maine	7,193	Brookfield	2,186	Lemont	2,284	Summit	949
New Trier	12,532	Burnham	323	Lyons	1,483	Ucrossville	359
Niles	4,203	Chicago	2,185,283	Matteson	46	Thornton	1,030
Northfield	2,675	Chicago Heights	14,525	Maywood	8,033	Tinley Park	309
Norwood Park	5,251	Cicero	14,557	Melrose Park	4,806	West Hammond	4,943
Oak Park	19,444	Des Plaines	2,348	Morgan Park	3,694	Western Springs	905
Orland	1,230	Dolton	1,869	Morton Grove	836	Wheeling	260
Palatine	2,147	Edison Park	543	Mt. Greenwood	276	Wilmette	4,943
Palos	1,405	Elgin	25,976	Niles	569	Winnetka	3,168
Proviso	26,921	Evanston†	24,978	Niles Center	568		
Rich	1,301	Evergreen Park	424	Oak Lawn	287		
Ridgeville	24,978	Forest Park	6,594	Oak Park	19,444		
Riverside	1,980	Franklin Park	683	Orland Park	369		
Schaumburg	954			Palatine	1,144		
Stickney	962			Park Ridge	2,009		

*Partly in Lake county. †Partly in Kane county. ‡Partly in Will county. *Population in 1912, 26,253.

POPULATION OF CHICAGO.

	Year.	South.	West.	North.	Total.
Federal census, 1910.					
City directory, estimate, 1912.					
School census estimate, 1912.					

POPULATION BY CENSUS YEARS.

1840	4,479	1880	503,298
1850	28,269	1890	1,099,850
1860	109,206	1900	1,698,575
1870	298,977	1910	2,185,283

POPULATION BY DIVISIONS.

[School census reports.]

Year.	South.	West.	North.	Total.
Dec., 1853	26,592	14,679	17,859	50,130
Aug., 1856	30,339	28,520	25,524	84,113
Oct., 1862	45,470	57,193	35,525	138,186
Oct., 1864	56,955	73,475	38,923	169,353
Oct., 1868	59,755	90,739	50,924	201,418
Oct., 1868	71,073	118,735	62,546	252,554
Aug., 1870	87,461	149,780	70,354	306,605

ILLINOIS—STATE APPROPRIATIONS.

Assembly.	Amount.	Assembly.	Amount.	Assembly.	Amount.
23th—1873-1874	\$6,648,187.67	35th—1887-1888	\$7,940,412.69	42d—1901-1902	\$13,273,686.12
24th—1875-1876	6,475,207.09	36th—1889-1890	7,396,737.30	43d—1903-1904	15,467,316.00
25th—1877-1878	6,562,653.47	37th—1891-1892	8,757,901.15	44th—1905-1906	15,839,663.50
26th—1879-1880	6,584,364.55	38th—1893-1894	9,032,514.49	45th—1907-1908	20,208,146.00
27th—1881-1882	6,605,399.61	39th—1895-1896	10,055,800.41	46th—1909-1910	20,330,042.29
28th—1883-1884	7,342,742.03	40th—1897-1898	11,178,902.00	47th—1911-1912	27,682,077.00
29th—1885-1886	7,776,458.54	41st—1899-1900	12,499,655.57		

NOTE.—No census of adults was taken by the school board enumerators in 1906, 1910 or 1912.

ILLINOIS LEGISLATION IN 1912.

There were three special sessions of the 47th general assembly of Illinois. The first, as noted in The Daily News Almanac and Year-Book for 1912, was called June 14, 1911, to enact a waterway law. Nothing beyond the passage of appropriation bills to pay its own expenses was accomplished by the legislature, which finally adjourned Nov. 14. The second special session was called for March 26, 1912, chiefly to amend the primary law so as to permit the voters of the state to express their presidential preferences. The third special session was called for April 24, that the legislature might consider bills not included in the call for the second special session. Both sessions ended June 5.

SECOND SPECIAL SESSION.

In his call for the second special session Gov. Deneen mentioned the following matters as requiring consideration:

1. To amend the primary election law.
2. To amend the election law.
3. To make an appropriation for the repair of the state capitol building.
4. To make an appropriation for the repair of the buildings at the state fair grounds.
5. To amend the state insurance law.
6. To propose an amendment to article 14, section 2, of the constitution, permitting the adoption of more than one amendment to the constitution at the same time.
7. To amend the existing laws so as to confer greater powers upon boards of park commissioners and particularly to authorize such boards to condemn riparian and littoral rights as well as lands and property and otherwise acquire the same.
8. To make an appropriation for the maintenance of the state grain inspection department.
9. To make an appropriation for the maintenance of the department of state factory inspection.
10. To amend clause 50, section 1, of the act providing for the general expenses of the state government, by providing additional appropriations thereunder.
11. To make an appropriation for the medical department of the University of Illinois.
12. To make an appropriation for the maintenance of the soil survey and for other agricultural departments and purposes.
13. To make an appropriation for the payment of the expenses of this extraordinary session of the general assembly.

PRESIDENTIAL PREFERENCE PRIMARY.

The presidential preference primary bill was introduced in the senate March 26, passed by that body March 29 and passed by the house March 30, on which day it was approved by the governor. It went into effect immediately. The official title of the law is "An act to amend sections 29, 31 and 56 of an act entitled 'An act to provide for the holding of primary elections by political parties,' approved March 9, 1910; in force July 1, 1910." The full text of the measure is as follows:

Section 1. Be it enacted by the people of the state of Illinois, represented in general assembly: That sections 29, 31 and 56 of an act entitled "An act to provide for the holding of primary elections by political parties," approved March 9, 1910, in force July 1, 1910, be amended to read as follows: Sec. 29. Any candidate for president of the United States or for United States senator may have his name printed upon the primary ballot of his political party by filing in the office of the secretary of state, not less than thirty (30) days prior to the April primary, in any year, a petition signed by not less than 3,000 primary electors, nor more than 5,000 members of and affiliated with the party of which he is a candidate, and no candidate for president of the United States or for United States senator who fails to comply with the provisions of this act shall have his name printed upon any primary ballot. Provided that the vote upon candidates for United States senator shall be had for the sole purpose of ascertaining the sentiment of the voters of the respective parties in the state as a whole and not by senatorial districts; and provided, further, that the vote for president of the United States, as herein provided for, shall be for the sole purpose of securing an expression of the sentiment and will of the party voters with re-

spect to candidates for nomination for said office, and the vote of the state at large shall be taken, and considered as advisory to the delegates and alternates at large to the national conventions of the respective political parties; and the vote of the respective congressional districts shall be taken and considered as advisory to the delegates and alternates of said congressional districts to the national conventions of the respective political parties. And provided, further, that in the primary election for president of the United States, to be held in the year 1912, the petition for any candidate for president of the United States shall be filed not less than six (6) days prior to the date of the April primary, 1912, and said petition in the year 1912 shall be signed by not less than fifteen hundred (1,500) duly qualified primary electors, members of and affiliated with the political party of which he is a candidate for such nomination.

Sec. 31. Not less than twenty (20) days prior to the date of the primary the secretary of state shall certify to the county clerk of each county the names of all candidates for president of the United States, for United States senator and of all candidates for members of the state central committee and of all candidates for nomination for all offices, as specified in the petition for nomination on file in his office, which are to be voted for in such county, stating in such certificates the political affiliation of each candidate for nomination, or committeeman, as specified in said petition.

The secretary of state shall, in his certificate to the county clerk, certify to said county clerk the names of the offices and the names of the candidates in the order in which said offices and said names shall appear upon the primary ballot, said names to appear in the order in which petition shall have been filed in his office: Provided, however, that in the year 1912 the secretary of state shall certify to the county clerk of each county the names of all candidates for president of the United States to be nominated in the year 1912, not less than five (5) days prior to the date of the primary. And provided, further, that in the year 1912 the names of candidates for each political party for president of the United States shall be printed upon a separate ballot and distinct from all other ballots.

Sec. 56. As soon as complete returns are delivered to the proper clerk the returns shall be canvassed as follows:

1. In the case of nomination of candidates for city offices, by the mayor, the city attorney and the city clerk;
2. In the case of nomination of candidates for village offices, by the president of the board of trustees, one member of the board of trustees and the village clerk;
3. The officers who are charged by law with the duty of canvassing returns of general elections made to the county clerks shall also open and canvass the returns of a primary made to such county clerk. Upon the completion of the canvass of the returns by the county canvassing board said canvassing board shall make a tabulated statement of the returns for each political party separately, stating in appropriate columns and under proper headings the total number of votes cast in said county for each candidate for nomination by said party, including candidates for president of the United States, candidates for United States senator and for state central committeeman. Within two (2) days after the completion of said canvass by said canvassing board the county clerk shall mail to the secretary of state a certified copy of such tabulated statement of returns: Provided, however, that the number of votes cast for the nomination for offices, the certificate of election for which offices, under the general election laws, are issued by the county clerk, shall not be included in such certified copy of said tabulated statement of returns;
4. In the case of the nomination of candidates for offices, including president of the United States, United States senator, state central committeeman, certified tabulated statements of returns for which are filed with the secretary of state, said returns shall be canvassed by the governor, secretary of state and state treasurer; and provided, further,

that within five (5) days after said returns shall be canvassed by the said state primary canvassing board, the secretary of state shall cause to be published in one daily newspaper of general circulation at the seat of the state government in Springfield a certified statement of the returns made in his office showing the total vote cast in the state for each candidate of each political party for president of the United States, and showing the total vote for each candidate of each political party for president of the United States cast in each of the several congressional districts in the state.

5. Where, in cities or villages which have a board of election commissioners, the returns of a primary are made to such board of election commissioners, said returns shall be canvassed by such board, and, excepting in the case of the nomination of candidates for any city or town office in such city, tabulated statements of the returns of such primary shall be made to the county clerk.

Sec. 2. Whereas, an emergency exists; therefore, this act shall be in full force and effect from and after the day of its passage.

WATCHERS AT PRIMARIES.

Section 21 of the primary law was amended so as to read as follows: The candidate or candidates of each party may appoint, in writing over his or their signature, two party agents or representatives, who shall act as challengers or watchers for such respective candidate or candidates in each precinct. Such challengers or watchers shall be protected in the discharge of their duties by the primary judges and peace officers and shall be permitted to remain within the polling place in such position as will enable them to see each person as he offers his vote, and said challengers or watchers may remain within the polling place throughout the canvass of the vote in such position as will enable them to see said canvass and until the returns are signed. All challengers or watchers shall be qualified primary electors residing within their respective wards, senatorial or congressional districts, and shall have the same power as challengers at general elections. (Approved May 27.)

AGRICULTURAL EXPERIMENT STATION.

The sum of \$130,000 is appropriated to the University of Illinois for the work of the agricultural experiment station, to make chemical and physical examination of the various soils of the state in order to identify the several types and determine their character; to publish an accurate survey with colored maps in order to establish the location, extent and boundaries of each; to ascertain what crops and treatment are best suited to each. (Approved June 6.)

INSURANCE OF MOTOR VEHICLES.

The insurance act of 1869 was amended by adding section 1-a to section 1. It provides that all insurance companies authorized to transact the business of fire, marine or inland navigation insurance may, in addition, insure automobiles or other motor vehicles, whether stationary or being operated under their own power, against any and all risks of fire, lightning, wind storms, tornadoes, cyclones, explosions, hail storms, transportation by land or water, theft and collision. (Approved June 11, 1912.)

FRATERNAL BENEFICIARY SOCIETIES.

Section 10 of the act of 1893, relating to the organization and management of fraternal beneficiary societies, was amended so as to provide a referendum for the repeal of rates adopted by certain societies subsequent to Jan. 1, 1912. A referendum shall be ordered upon the petition of local or subordinate bodies representing at least 10 per cent of the total membership of the society concerned. (Approved May 23.)

MUTUAL CASUALTY INSURANCE.

Sections 1, 3, 6, 8 and 13 of the mutual insurance act of 1905 were amended and a new section, to be known as section 13½, was added to make the law conform with the workmen's compensation act of 1911. (See The Daily News Almanac and Year-Book for 1912, page 79.) Any company organized under the provisions of the act is empowered to make contracts insuring or indemnifying employers against loss or liability in consequence of accidents or casualties of any kind to an employee or

employees or to any person or persons, resulting from any cause whatever and occurring in or connected with the transaction of the business of any employer. The insurance superintendent may authorize individuals, firms and corporations to provide among themselves insurance to each other through the medium of reciprocal or interinsurance contracts, if, in his opinion, the interest of the insured is properly safeguarded. (Approved June 14, 1912.)

LAKE FRONT PARK BILL.

The park act of May 14, 1903, was amended in various particulars so as to enable the south park commissioners to unite Jackson park and Grant park by means of a driveway or boulevard along the lake east of the Illinois Central right of way and also to connect the south side park system with the north side park system by means of a viaduct over or tunnel under the river at or near Michigan avenue. Under the amended act the park commissioners may acquire the necessary land and riparian rights by agreement with the owners or by condemnation proceedings. (Approved June 11, 1912.)

APPROPRIATIONS.

The state Supreme court having decided (Feb. 23, 1912) that the appropriation made at the regular session in 1911 for a medical department in the University of Illinois was illegal on the ground that the bill containing the item was not printed in its final form before its passage by the legislature, the bill providing for the general expenses of the state government was repassed to cure the defect. The medical department bill was not passed.

Bills for paying the expenses of the special session and for repairing the roof and dome of the state house were also passed.

AMENDING THE CONSTITUTION.

The bill to propose an amendment to the state constitution permitting the adoption of more than one amendment to the constitution at the same time was defeated.

THIRD SPECIAL SESSION.

The call for the third special session included the following subjects:

1. Amending the act creating a drainage district in St. Clair county.
2. Appropriating the \$500,000 received from automobile licenses so that the money can be expended on highways.
3. A deficiency appropriation for state printing.
4. Revising the law relating to state charities.
5. Amending the act fixing the salaries of state's attorneys.

6. An act for the organization of park districts and the transfer of submerged lands to those bordering on navigable bodies of water.

Action was taken on four of the above subjects. The two that were not favorably acted upon were those relating to the use of automobile funds and the state printing deficiency. The act relating to the state charities was almost identical with that passed in 1909 and was re-enacted to insure its constitutionality. The principal change was in section 5, to which the following paragraph was added:

BUREAU OF CRIMINAL STATISTICS.

"The state charities commission shall establish a bureau of criminal statistics, of which its executive secretary shall be the director. It shall be the duty of said bureau to collect and publish annually the statistics of Illinois relating to crime and it shall be the duty of all courts of Illinois, police magistrates, justices of the peace, clerks of the courts of record, sheriffs, keepers of lockups, workshops and city prisons or other places of detention, holding men, women or children under conviction for crimes or misdemeanors or under charges of violations of the criminal statutes, to furnish to said bureau annually such information on request, as it may require in compiling said statistics." (Approved June 4.)

SALARIES OF STATE'S ATTORNEYS.

The act of fixing the salaries of state's attorneys provides that in counties not exceeding 30,000 inhabitants there shall be paid to each state's attorney the sum of \$100 per each 1,000 inhabitants and a major fraction thereof in addition to that provided by law to be paid by the state. The maximum sum to be paid any state's attorney in such coun-

ties shall not exceed \$2,500 per annum. In counties of from 30,000 to 51,000 inhabitants the salary is to be \$3,500 and in counties of from 51,000 to 100,000 inhabitants it is to be \$5,000 in the aggregate, including the salary paid out of the state treasury. In counties from 100,000 to 250,000 inhabitants the salary is to be \$6,000 per annum, and in counties of more than 250,000 inhabitants \$10,000 per annum. (Approved June 11.)

PARK ELECTION LEGALIZED.

Whenever in proceedings had heretofore for the organization of any park districts under an act entitled "An act to provide for the organization of park districts and transfer of submerged lands to those bordering on navigable bodies of water," approved June 24, 1895, the order of the county court calling an election to be held in the proposed park district did not specify the number of publications of the notice of election, as provided for in section 2 of the act, and such notice was thereafter, and at least twenty days prior to such election, published one time, then all such elections are declared to have been duly and legally held, and all park districts so organized are declared to be duly and legally organized. (Approved June 6.)

JOINT RESOLUTIONS.

TITANIC DISASTER.

Joint resolutions were passed April 23, deploring the loss of life occasioned by the sinking of the steamship Titanic, commending the heroism shown and requesting the governor to make a suitable donation from any available contingent fund for the

alleviation of the suffering, distressed and needy victims of the disaster.

CONTROL OF WATERWAYS.

Resolved, That it is the sense of the legislature of the state of Illinois that the control of the waterways of the lower Mississippi valley is a national problem and should be dealt with by the general government on plans broad and comprehensive enough to prevent overflows, reclaim the waste areas and make them available for the production of food for the millions of people they are capable of supporting. (Adopted by senate June 4; by house June 5.)

IRISH HOME RULE.

Whereas, it has come to the knowledge of the state of Illinois that a bill providing for self-government of the Irish people has been introduced in the imperial parliament; and,

Whereas, the welfare of Great Britain and Ireland has ever been a matter of solicitude to the people of the United States; and,

Whereas, the vigor, spirit and intelligence of the immigrants from Ireland and Great Britain have materially aided our progress and greatly advanced our civilization; therefore be it

Resolved, That we offer to the people of Great Britain and Ireland, through their representatives in parliament assembled, the felicitations of the people of the state of Illinois on the approach of a lasting union based on friendship and good will between the peoples of Great Britain and Ireland. (Adopted by both houses May 15.)

COAL INDUSTRY OF ILLINOIS.

Summary for year ended June 30, 1911.

Counties producing coal.....	53
Mines of all kinds.....	845
New mines open or mines reopened.....	134
Mines closed or abandoned.....	217
Total output (tons of 2,000 lbs.).....	50,165,099
Shipping or commercial mines.....	387
Output of shipping mines, tons.....	48,753,657
Mines in local trade.....	458
Output of local mines, tons.....	1,406,442
Total tons of mine run coal.....	13,025,663
Total tons of lump coal.....	19,588,409
Total tons of egg coal.....	3,725,073
Total tons of nut coal.....	2,425,712
Total tons of pea coal.....	10,268,458
Total tons of slack coal.....	1,131,784
Total tons shipped.....	44,878,400
Tons supplied locomotives at mines.....	877,793
Tons sold to local trade.....	2,617,977
Tons consumed at plant.....	2,090,929
Average days active operation.....	169
Average value per ton, all grades, at shipping mines.....	\$1.10
Aggregate home value total product.....	\$56,064,494
Average value per ton, all grades, at all mines.....	\$1.12
Mines using mining machinery.....	126
Mining machines in use.....	1,430
Tons undercut by machines.....	19,998,259
Tons mined by hand.....	30,166,840
Miners employed during year.....	33,912
Other employes underground.....	30,052
Boys employed underground.....	1,009
Total number employes.....	77,410

Men employed at shipping mines.....	74,508
Persons at work underground.....	70,903
Persons at work on surface.....	6,437
Average price paid per gross ton for hand mining.....	\$0.627
For machine mining.....	\$0.49
Kegs of powder used.....	1,240,293
Men accidentally killed.....	157
Killed inside mines.....	149
Killed outside mines.....	8
Wives made widows.....	87
Children left fatherless.....	245
Men injured.....	709
Gross tons mined to each life lost.....	319,523
Number employes to each life lost.....	493
Deaths per 1,000 men employed.....	2.03
Tons mined to each man hurt.....	70,754
Number employes to each man hurt.....	109
Number injured to 1,000 employed.....	9.2
Total coal output since 1833, tons.....	832,202,336
Total fatalities since 1833.....	3,183

MAIN PRODUCING COUNTIES (1911).*

County.	Tons.	County.	Tons.
Williamson.....	5,180,971	Fulton.....	1,788,137
St. Clair.....	5,173,979	Perry.....	1,446,077
Sangamon.....	4,640,026	Bureau.....	1,217,566
Macapin.....	4,269,238	Christian.....	1,195,767
Madison.....	3,715,832	LaSalle.....	1,163,201
Saline.....	3,321,100	Marion.....	1,134,377
Vermillion.....	3,067,880	Clinton.....	1,000,536
Franklin.....	2,354,839	*Coal is shipped from forty counties.	
Montgomery.....	2,189,078		

TERMS OF ILLINOIS, COOK COUNTY AND CHICAGO ELECTIVE OFFICIALS.

Office.	Years.	Office.	Years.	Office.	Years.
State-Representatives.....	2	Treasurer.....	4	Aldermen.....	2
Senators.....	4	Coroner.....	4	City clerk.....	2
Governor.....	4	State's attorney.....	4	City treasurer.....	2
Lieutenant-governor.....	4	Superintendent of schools.....	4	Municipal court judges.....	6
Secretary of state.....	4	County clerk.....	4	Chief justice Municipal court.....	6
Treasurer.....	2	Recorder.....	4	Clerk Municipal court.....	6
Auditor.....	4	County judge.....	4	Bailiff Municipal court.....	6
Attorney-general.....	4	Probate judge.....	4	Sanitary district trustees.....	6
Supt. public instruction.....	4	Clerk Probate court.....	4	President sanitary board.....	6
University trustees.....	4	Circuit court judges.....	4	County officers throughout the state are elected for four years.	
Members board equalization.....	4	Clerk Circuit court.....	4	Township officers, such as supervisors, assessors, collectors and town clerks, are elected for one-year terms. Highway commissioners are elected for three years.	
Judges Supreme court.....	9	Judges Superior court.....	6		
Clerk Supreme court.....	6	Clerk Superior court.....	4		
Appellate court clerks.....	6	Clerk Criminal court.....	4		
Cook County-Commissioners.....	2	Assessors.....	6		
Pres. county commissioners.....	2	Members board of review.....	6		
Sheriff.....	4	Chicago-Mayor.....	4		

FACTS ABOUT ILLINOIS COUNTIES.

Date of organization, area in square miles and origin of names.

Adams—Jan. 13, 1825—830—John Quincy Adams.
Alexander—March 4, 1819—220—Wm. M. Alexander.
Bond—Jan. 4, 1817—350—Gov. Shadrach Bond.
Boone—March 4, 1837—288—Daniel Boone.
Brown—Feb. 21, 1839—306—Gen. Jacob Brown.
Bureau—Feb. 23, 1837—846—Pierre de Buero (Indian trader).
Calhoun—Jan. 10, 1825—251—John C. Calhoun.
Carroll—Feb. 22, 1839—450—Charles Carroll of Carrollton.
Cass—March 3, 1837—460—Gen. Lewis Cass.
Champaign—Feb. 20, 1833—1,008—County in Ohio.
Christian—Feb. 15, 1839—702—County in Kentucky.
Clark—March 22, 1819—613—George Rogers Clark.
Clay—Dec. 23, 1824—466—Henry Clay.
Clinton—Dec. 27, 1824—487—DeWitt Clinton.
Coles—Dec. 25, 1830—520—Gov. Edward Coles.
Cook—Jan. 15, 1831—993—Daniel P. Cook.*
Crawford—Dec. 31, 1816—470—Wm. H. Crawford of Georgia.
Cumberland—March 2, 1843—350—Cumberland road.
DeKalb—March 4, 1837—650—Baron DeKalb.
DeWitt—March 1, 1839—440—DeWitt Clinton.
Douglas—Feb. 8, 1859—410—Stephen A. Douglas.
DuPage—Feb. 9, 1839—317—DuPage river.
Edgar—Jan. 3, 1823—640—John Edgar (merchant).
Edwards—Nov. 28, 1814—220—Gov. Ninian Edwards.
Effingham—Feb. 15, 1831—886—Gov. Edw. Effingham.
Fayette—Feb. 14, 1821—720—Marquis de Lafayette.
Ford—Feb. 17, 1859—530—Gov. Thomas Ford.
Franklin—Jan. 2, 1818—430—Benjamin Franklin.
Fulton—Jan. 28, 1823—864—Robert Fulton.
Gallatin—Sept. 14, 1812—340—Albert Gallatin.
Greene—Jan. 20, 1821—540—Gen. Nathaniel Greene.
Grundy—Feb. 17, 1841—432—Felix Grundy of Tennessee.
Hamilton—Feb. 8, 1821—440—Alexander Hamilton.
Hancock—Jan. 13, 1825—780—John Hancock.
Hardin—March 2, 1839—180—County in Kentucky.
Henderson—Jan. 30, 1841—380—Henderson river.
Henry—Jan. 13, 1825—825—Patrick Henry.
Iroquois—Feb. 26, 1833—1,100—Indian name.
Jackson—Jan. 10, 1816—580—Andrew Jackson.
Jasper—Feb. 15, 1831—484—Sert. Wm. Jasper.
Jefferson—March 26, 1819—466—Thomas Jefferson.
Jersey—Feb. 28, 1839—360—New Jersey.
Jo Daviess—Feb. 17, 1827—650—Col. Jo Daviess of Kentucky.
Johnson—Sept. 14, 1812—340—Col. Richard M. Johnson.
Kane—Jan. 16, 1836—540—Senator Elias K. Kane.
Kankakee—Feb. 11, 1853—692—Indian name.
Kendall—Feb. 19, 1841—321—Amos Kendall (postmaster-general).
Knox—Jan. 13, 1825—720—Gen. Henry Knox.
Lake—March 1, 1839—463—Lake Michigan.
LaSalle—Jan. 15, 1831—1,152—Explorer LaSalle.
Lawrence—Jan. 16, 1821—362—Com. Jas. Lawrence.
Lee—Feb. 27, 1839—728—Richard Henry Lee.
Livingston—Feb. 27, 1837—1,026—Edward Livingston.

Logan—Feb. 15, 1839—620—Dr. John Logan.†
Macon—Jan. 19, 1829—580—Nathaniel Macon of North Carolina.
Macoupin—Jan. 17, 1829—864—Indian name.
Madison—Sept. 14, 1812—740—James Madison.
Marion—Jan. 24, 1823—576—Gen. Francis Marion.
Marshall—Jan. 19, 1839—350—John Marshall.
Mason—Jan. 20, 1841—518—County in Kentucky.
Massac—Feb. 8, 1843—240—Fort Massac.
McDonough—Jan. 25, 1826—576—Gen. Thomas McDonough.
McHenry—Jan. 16, 1836—609—Gen. Wm. McHenry.
McLean—Dec. 25, 1830—1,161—John McLean (congressman).
Menard—Feb. 15, 1839—311—Lieut.-Gov. Pierre Menard.
Mercer—Jan. 13, 1825—550—Gen. Hugh Mercer.
Monroe—Jan. 6, 1816—380—James Monroe.
Montgomery—Feb. 12, 1821—740—Gen. R. Montgomery.
Morgan—Jan. 31, 1823—563—Gen. Daniel Morgan.
Moultrie—Feb. 16, 1843—340—Gen. Wm. Moultrie.
Ogle—Jan. 16, 1836—773—Lieut. Joseph Ogle.
Peoria—Jan. 13, 1825—630—Indian name.
Perry—Jan. 29, 1827—432—Com. Oliver H. Perry.
Perry—Jan. 27, 1841—440—Benj. Platt (atty.-gen.).
Pike—Jan. 31, 1821—756—Zebulon M. Pike.
Pope—Jan. 10, 1816—360—Nathaniel Pope.
Pulaski—March 3, 1843—190—Count Casimir Pulaski.
Putnam—Jan. 13, 1825—140—Gen. Israel Putnam.
Randolph—Oct. 2, 1795—560—Edmund Randolph.
Richland—Feb. 18, 1841—350—County in Ohio.
Rock Island—Feb. 9, 1839—420—Island same name.
Saline—Feb. 25, 1847—396—Saline creek.
Sangamon—Jan. 30, 1821—875—Indian name.
Schuyler—Jan. 13, 1825—414—Gen. Philip Schuyler.
Scott—Feb. 16, 1839—252—County in Kentucky.
Shelby—Jan. 23, 1827—760—Gov. Isaac Shelby.
Stark—May 2, 1839—290—Gen. John Stark.
St. Clair—April 27, 1790—Gen. Arthur St. Clair.
Stephenson—March 4, 1837—573—Col. Benjamin Stephenson.
Tazewell—Jan. 31, 1827—650—Gov. L. W. Tazewell.
Union—Jan. 2, 1819—400—Union of states.
Vermilion—Jan. 18, 1826—882—Vermilion river.
Wabash—Dec. 27, 1824—220—Indian name.
Warren—Jan. 13, 1825—540—Gen. Joseph Warren.
Washington—Jan. 2, 1818—557—George Washington.
Wayne—March 26, 1819—720—Gen. Anthony Wayne.
White—Dec. 9, 1815—500—Capt. Leonard White.
Whiteside—Jan. 16, 1836—676—Col. Sam Whiteside.
Will—Jan. 12, 1836—850—Conrad Will.
Williamson—Feb. 28, 1839—440—County in Tennessee.
Winnebago—Jan. 16, 1836—540—Indian name.
Woodford—Feb. 27, 1841—556—County in Kentucky.

*Lawyer and first attorney-general of Illinois.
†Father of Gen. John A. Logan. ‡Member of constitutional convention of 1818.

ILLINOIS TAX COMMISSION.

Appointed by governor March 11, 1910.

John P. Wilson, Chicago; Charles E. Merriam, Chicago; Alfred M. Craig, Galesburg; Ben F. Caldwell, Springfield; Prof. David Felmley, Urbana; A. P. Grout, Winchester; B. L. Winchell, Chicago.

Duties of the commission:

1. To make a careful compilation of all state laws relating to taxation and Supreme court decisions thereon.

2. To classify and tabulate statistics relating to the totals raised by taxation in state, counties and municipalities.

3. To investigate all complaints which may be made to them of illegal, unjust or excessive taxation.

4. To secure information as to taxing methods in other states.

5. To formulate a report "which shall be as plain, concise and comprehensive as possible." The commission met nine times and gave three public hearings, at which numerous suggestions for changes in the laws were urged. A compilation of the tax laws and judicial decisions of Illinois

thereon was made by Prof. Albert M. Kales of the Northwestern university and Elmer M. Leissmann and published by the commission. At its request Prof. John M. Fairlie of the University of Illinois published a descriptive and statistical report on the "Taxation and Revenue System of Illinois." The report of the commission was presented to the general assembly in January, 1911, but no action was taken by that body with reference to the recommendations made. One of these proposed the submission of an amendment to the state constitution removing from the general assembly the present restrictions in regard to the taxation of personal property. It provided that any tax levied upon personal property must be uniform as to persons and property of the same class within the jurisdiction of the body imposing the same, and that all exemptions should be by general law, revocable by the general assembly at will. The commission also recommended bills for important changes in the machinery of the tax administration, such, for example, as the establishment of a permanent state tax commission in place of the present state board of equalization.

COOK COUNTY OFFICIALS.



Koehn Photo.

ALEX. A. MCCORMICK,
President County Board.

Morrison Photo.

W. L. O'CONNELL,
Treasurer.

Wallinger Photo.

R. M. SWEITZER,
County Clerk.

Husagh Photo.

MICHAEL ZIMMER,
Sheriff.

Root Studio.

MACLAY HOYNE,
State's Attorney.

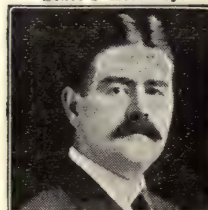
Gehrig Studio, Chicago.

JOSEPH F. CONNERY,
Recorder.

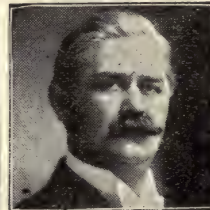
Morrison Photo.

JOHN E. OWENS,
County Judge.

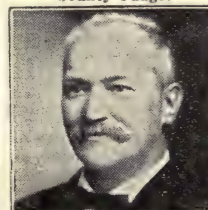
Morrison Photo.

E. J. TOBIN,
County Supt. Schools.

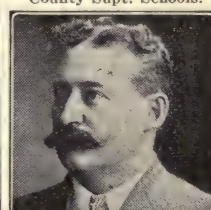
Wallinger Photo.

FRANK J. WALSH,
Clerk Criminal Court.

Nemecek Photo.

J. A. CERVENKA,
Clerk Probate Court.

Gibson Photo.

THOMAS A. SMYTH,
Pres. Sanitary District.

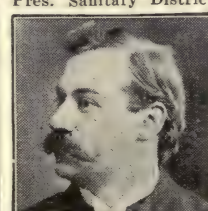
Coover Photo.

P. M. HOFFMAN,
Coroner.

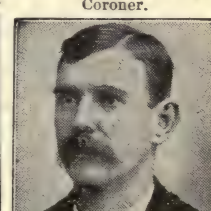
Monfort Photo.

THOMAS J. WEBB,
Board of Review.

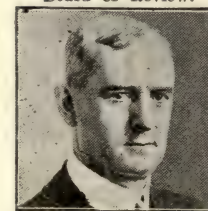
Koehn Photo.

ROY O. WEST,
Board of Review.

Stevens & Son Photo.

F. W. BLOCKI,
Board of Review.

Coover Photo.

WM. H. WEBER,
Board of Assessors.

Halton Photo.

W. K. SHERIDAN,
Board of Assessors.

Wallinger Photo.

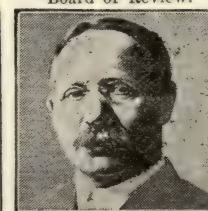
F. W. KORAESKI,
Board of Assessors.

Photo by Young, N. Y.

D. M. PFAELZER,
Board of Assessors.

Coover Photo.

ADAM WOLF,
Board of Assessors.

COOK COUNTY OFFICIALS.

Hours 9 a. m. to 5 p. m.

BOARD OF COMMISSIONERS.

Room 537 courthouse.

President—Alex. A. McCormick, R., 523 courthouse.
 Clerk of County Board—Robert M. Sweitzer, D., 600 courthouse.

Commissioners—Alexander A. McCormick, R.; Peter Bartzen, D.; Frank Ragen, D.; Joseph M. Fitzgerald, D.; Bartley Burg, D.; Daniel J. Harris, D.; Stanley Kulewski, D.; Daniel Moriarty, D.; John E. Maloney, D.; Albert Nowak, D., city districts. Avery Coonley, Prog.; Harley B. Mitchell, Prog.; Ellsworth M. Board, Prog.; John J. Gard, Prog.; A. N. Anderson, Prog., country districts.
 Committee Clerk—Peter Ellert, 527 courthouse.

Meetings—The regular meetings of the board of commissioners are held on the first Monday of December, January, February, March, June and September of each year.

Duties—The commissioners are charged with the management of the county affairs of Cook county, as provided by law, having the same powers as the boards of supervisors in other counties. They make all appropriations and contracts and authorize all expenditures. The president appoints, with the approval of the board, the superintendent of public service and other officers and employees whose election or appointment is not otherwise provided for by law.

COUNTY CLERK'S OFFICE.

Courthouse, 2d floor, south end.

County Clerk—Robert M. Sweitzer, D.

Deputies—James A. Long, chief deputy; Frank S. Ryan, deputy comptroller.

Duties—The county clerk is clerk of the county board and ex officio comptroller of county financial affairs. As such he has charge of all deeds, mortgages, contracts, bonds, notes and similar papers belonging to the county, settles all accounts, keeps books showing appropriations and expenditures, makes out report for fiscal year and submits estimates for the expenses of all the departments of the county organization.

COUNTY TREASURER'S OFFICE.

Courthouse, 1st and 2d floors, north end.

County Treasurer—William L. O'Connell, D.

Assistant Treasurer—Marcus Jacobowsky.

Duties—The county treasurer receives and disburses, pursuant to law, all the revenues and other public moneys belonging to the county. He personally countersigns county orders and renders accounts to the board of commissioners.

COMPTROLLER'S OFFICE.

Room 511 courthouse.

Comptroller—Robert M. Sweitzer, D.

Deputy Comptroller—Frank S. Ryan, D.

Chief Clerk—Edward J. McCarthy.

Duties—See County Clerk.

SUPERINTENDENT OF PUBLIC SERVICE.

Room 519 courthouse.

Superintendent of Public Service—(Vacancy).

Duties—Purchases all supplies for the county institutions, advertising for bids at specified times and entering into yearly or quarterly contracts and making tests from time to time of the articles furnished to determine if they are up to contract requirements.

RECORDER'S OFFICE.

Courthouse, 1st floor, south end.

Recorder of Deeds—Joseph F. Connery, D.

Chief Deputy—John V. Clinkin.

Chief Clerk—Lee A. Dunne.

Duties—The recorder is the keeper of the records and upon the filing of any instrument in writing in his office entitled to be recorded he must spread the same on the record books provided for that purpose, in the order of the time of filing. He is also the official abstract maker for Cook county.

REGISTRAR OF TITLES.

Courthouse, 1st floor, south end.

Registrar—Joseph F. Connery, D.

Examiners—Edgar H. Parnell, Charles T. Farson.

Advisory Examiners—John S. Miller and Augustus S. Peabody.

Duties—The registrar of titles under the Torrens system of land registration directs the procedure by which title is confirmed by decree of court, which does away with the need of an abstract, and the certificate of title which is issued is guaranteed by the county.

CIVIL SERVICE COMMISSION.

Room 547 courthouse.

Commissioners—Frederic Greer, Gustavus H. Tatge, Robert H. Catherwood, secretary.

Duties—The commissioners examine applicants for positions in the county service. Before an examination is held fourteen days' notice is given by advertisement. The rules are practically the same as those governing other bodies of the kind.

JURY COMMISSION.

Room 824 courthouse.

Commissioners—William A. Amberg, president; Joseph H. Barnett, secretary; Richard J. Finnegan, Clerk—Roswell H. Mason.

Duties—The commissioners are required to prepare a list of electors qualified to act as jurors, to select names from such list and place them in a jury box and a grand jury box, and to be present when the names of jurors needed at each term of court are drawn.

BOARD OF ASSESSORS.

Courthouse, 3d floor, north end.

Members of the Board—W. K. Sheridan, D.; William H. Weber, R., secretary; David M. Pfaelzer, D.; Adam Wolf, R.; F. W. Krcialeski, D. Chief Clerk—William Kingsley.

Duties—Fix the amount of assessment on all real and personal property according to the rate required by law.

BOARD OF REVIEW.

Courthouse, third floor, south end.

Members of Board—T. J. Webb, D.; Fred W. Block, D.; Roy O. West, R.

Chief Clerk—Frank A. Vogler.

Duties—The board of review takes the place of the old town board in revising and correcting the findings of the assessors and in hearing and adjusting complaints of property owners. The decisions of the board of review are final.

COUNTY INSTITUTIONS.

AT OAK FOREST.

Superintendent—Edward N. Stein, D.

Duties—Has general management of infirmary or poor-house and poor farm.

COUNTY ARCHITECT.

Room 1303, 64 West Randolph street.

County Architect—Paul Gerhard.

Duties—The county architect makes designs for new buildings, alterations in old ones, etc., as required by the county board. (Paid in fees.)

SUPERINTENDENT OF SCHOOLS.

Room 546 courthouse.

Superintendent—Edward J. Tobin, D.

Duties—He is required to visit each school in his district at least once a year, to see that the teachers are qualified for the performance of their duties and to do all in his power to increase the efficiency and elevate the standards of the schools.

COUNTY HOSPITAL.

Harrison and Honore streets.

Warden—Henry L. Bailey, D.

Duties—Exercises general supervision over the county hospital.

COUNTY SURVEYOR.

Room 1020 courthouse.

County Surveyor—George C. Waterman, D.
 Duties—The surveyor is required to make all official surveys in the county. (Paid in fees.)

COUNTY PHYSICIAN.

Office in detention hospital.

County Physician—Dr. George F. Butler.

Duties—The county physician resides at the detention hospital and gives medical attention to the patients in that institution.

COUNTY AGENT'S OFFICE.

213-215 South Peoria street.

County Agent—Joseph Meyer.

Duties—The county agent is responsible to the president and board of county commissioners in the carrying out of the plans for the relief of the poor in the city of Chicago. He undertakes the return of all nonresident and alien paupers to their legal place of residence; is the medium whereby all defective children are sent to the Lincoln State School and Colony and the blind and deaf and dumb children to the state schools at Jacksonville, Ill.; keeps a record of and closely scrutinizes all cases passed upon at the detention hospital; passes on all applications for institutional care or infirmary cases; interests himself in any wrong existing or being perpetrated on any family to which his attention may be called.

CORONER'S OFFICE.

Room 500 courthouse.

Coroner—Peter M. Hoffman, R.

Chief Physician—Dr. Warren H. Hunter.

Chief Deputy—David E. Jones.

Deputies—Matt Conrad, David J. Gillespie, Michael P. Hartney, Adolph Herrmann, George Hitzman, Charles E. Julian, Charles F. Kennedy, William Ostrom, Michael G. Walsh, Henry Spears, Samuel L. Davis.

Physicians—E. R. LeConte, H. G. W. Hunter, Joseph Springer.

Duties—The coroner is required to take charge of bodies of all persons in the county supposed to have come to their deaths through other than natural causes, to summon a jury of six men and to inquire into the cause of death. If any person is implicated by the inquest as the slayer of the deceased, or as an accessory, the coroner shall cause his arrest if not already in custody.

SHERIFF'S OFFICE.

Courthouse, 4th floor, center.

Sheriff—Michael Zimmer, D.

Assistant Sheriff—William H. Ehemann, D.

Chief Deputy—Charles W. Peters.

Jailer—William T. Davies, R.

Duties—The sheriff serves and returns all writs, warrants, processes, orders and decrees legally directed to him. He is the conservator of peace in his county and may arrest offenders on view. He is the keeper of the jail and has the custody of prisoners. It is also his duty to attend the courts of record of the county and obey their orders.

STATE'S ATTORNEY'S OFFICE.

Criminal court building, 2d floor.

State's Attorney—Maclay Hoyne, D.

Assistants—Frank Johnston, Jr., Michael Sullivan, B. J. Mahony, Henry Berger, Charles C. Case, Marvin E. Barnhart, Francis W. Hinckley, Thomas J. Finn, Malcolm B. Sterrett, Eugene C. O'Reilly, Ernest Langtry, Irwin N. Walker, George C. Bliss, John R. Herren, John M. Loneragan, Patrick J. Murphy, John Prystalski.

Duties—The state's attorney begins and prosecutes all actions, civil and criminal, in any court of record in the county, in which the people of the state or county may be interested, prosecutes forfeited bonds and actions for the recovery of debts due the state or county and acts as adviser to county officers.

COUNTY ATTORNEY'S OFFICE.

Room 507 courthouse.

County Attorney—Carl R. Chindblom.

Assistant County Attorneys—William F. Struckman, Charles L. Daly, Louis B. Anderson.

Manager Tax Department—P. H. Schmitz.

Duties—The county attorney is the legal adviser of the county board and has charge of all suits at law or in equity for or against the county.

PUBLIC ADMINISTRATOR.

Room 1034 First National Bank building.

John F. Devine, R.

Duties—The public administrator is appointed by the governor to administer the estates of deceased persons under certain contingencies regulated by the statutes of the state of Illinois.

CUSTODIAN COUNTY BUILDING.

Robert E. Burke, D.

DIRECTORY OF COUNTY DEPARTMENTS AND COURTS.**LOCATION OF COUNTY BUILDINGS.**

Courthouse—Clark street, between Washington and Randolph; south side.

County Jail—Dearborn avenue and Illinois street; north side.

Criminal Court building—Michigan street and Dearborn avenue; north side.

Children's Hospital—Wood street, near Polk; west side.

County Hospital—Harrison and Honore streets; west side.

County Infirmary—Oak Forest; reached by the Rock Island railroad.

County Morgue—Wood and Polk streets; west side.

Detention Hospital—Wood and Polk-sts.; west side.

County Agent—213 South Peoria street, west side.

County Insane Asylum and Tuberculosis Hospital—

At Dunning; west side; reached by Milwaukee avenue cars and the Chicago, Milwaukee & St. Paul railway.

Juvenile Court—771 Ewing street, west side.

Home for Delinquent and Dependent Children—771 Ewing street.

IN COURTHOUSE.

Board of Assessors—Third floor, north end.

Board of Review—Third floor, south end.

County Commissioners—Room 531.

Committee Clerk—Room 527.

County Clerk—Second floor, south end.

County Treasurer—First and second floors, north end.

County Court—Room 603.

County Court Clerk—Room 600.

County Comptroller—Room 511.

County Attorney—Room 507.

County Superintendent of Schools—Room 546.

County Surveyor—Room 426.

Custodian—Room 226.

Coroner—Room 500.

Civil-Service Commissioners—Room 547.

Circuit Court—Seventh floor.

Circuit Court Clerk—Fourth floor, north end.

Jury Commissioners—Room 824.

President County Board—Room 523.

Probate Court—Sixth floor.

Probate Court Clerk—Sixth floor.

Sheriff—Fourth floor, center.

Superior Court—Eighth floor.

Superior Court Clerk—Fourth floor, south end.

Superintendent of Public Service—Room 519.

CRIMINAL COURT BUILDING.

Criminal Court Clerk—First floor.

Criminal Courts—Third, fourth and fifth floors.

Sheriff (Bailliffs) in Charge of Criminal Court—First floor.

Grand Jury Assembly Room—Second floor.

State's Attorney—Second floor.

SALARIES OF COOK COUNTY OFFICIALS AND EMPLOYEES (1912).

Yearly except where otherwise specified.

COUNTY BOARD.

President	\$7,000
Commissioners, 14 at	3,600
Auditor	3,000
Secretary to president	2,800
Committee clerk	2,500
Assistant committee clerk	1,800
Clerk	1,800
Stenographer	1,500
Secretary to board	1,500

COMPTROLLER.

Comptroller (see county clerk) ..	
Deputy comptroller	\$4,800
Chief clerk	3,600
Minute clerk	2,500
Auditor	2,200
Cashiers, 2 at	1,800
Bookkeeper	1,800
Clerks, \$1,500 to	1,800
Stenographer	1,500

SUPERINTENDENT PUBLIC SERVICE.

Superintendent	\$5,000
Chief buyer	5,000
Chief clerk	2,200
Chief food examiner	3,000
Bookkeepers, 2 at	2,000
Clerk inspector	1,800
Chief buyer	1,800
Storekeeper	1,200
Stenographers, 3 at	1,200
Superintendent mechanics	2,500

NOTE—Mechanics are paid prevailing union wages.

SHERIFF.

Sheriff	\$9,960
Assistant sheriff	3,600
Chief deputy	4,000
Chief bailiffs, 2 at	2,400
Assistant bailiffs, 2 at	1,650
Real estate clerk	1,800
Cashier	1,800
Commons clerk	1,800
Assistant summons clerk	1,500
Execution clerk	1,800
Clerk	1,500
Clerks, 5 at	1,200
Deputy sheriffs, 28 at	2,000
Bailiffs, 114 at	1,500

CRIMINAL COURT BUILDING.

Custodian	\$1,800
Elevator men, 4 at	900
Watchmen, 8 at	840
Janitors, 10 at	720
Janitresses, 15 at	480
Chief engineer	1,800
Engineers, 4 at	1,440
Electrician	1,800
Plumber	1,800
Steamfitter	1,800

COUNTY JAIL.

Jailer	\$2,500
Assistant jailers, 3 at	1,800
Clerk	1,500
Clerk	1,000
Matrons, 3 at	900
Teacher	1,440
Mail guards, 53 at	1,000
Chief cook	1,200
Baker	1,440
Storekeeper	1,320

COUNTY BUILDING.

Custodian	\$3,600
Assistant custodian	1,200
Chief engineer	2,500
General mechanic	1,200
Elevator caretaker	1,716
Elevator starters, 2 at	1,080
Head window washer	900
Window washers, 14 at	720
Elevator men, 18 at	900

Watchmen, 8 at	840
Chief janitors, 2 at	800
Janitors, 40 at	720
Janitresses, 96 at	480
Steamfitter	1,800
Plumber	1,800
Marble caretaker	1,545

CIVIL SERVICE COMMISSION.

Commissioner, 1 at	\$4,000
Commissioner, 1 at	3,000
Commissioner, 1 at	2,000
Attorney, 3 months	1,050
Chief examiner	2,400
Assistant efficiency bureau	2,400
Examiner	1,200
Chief clerk	2,000
Investigator	2,100

COUNTY ATTORNEY.

County attorney	\$5,200
Assistant county attorney	4,200
Assist. county atty., 10 mos.	3,333
Assistant attorneys, 2 at	3,600
Assistant attorneys, 2 at	2,400
Tax expert	3,000
Clerk	1,650
Law stenographer	1,200
Clerks, 2 at	1,200

BOARD OF ASSESSORS.

Assessors, 5 at	\$5,000
Chief clerk	3,600
Deputy chief clerk	2,500
Assistant chief clerk	2,500
Architect	2,200
Superintendent draughtsmen	1,500
Personal property clerk	3,000
Real estate expert	2,400
Clerks, \$1,200 to	2,200

BOARD OF REVIEW.

Members, 3 at	\$7,000
Clerk of board	3,600
Assistant clerk of board	3,000
Assistant secretary to board	3,000
Attorney	3,600
Real estate clerk	2,400
Personal property clerk	2,000
Record clerk	2,800
Clerks, \$1,100 to	1,800

COUNTY TREASURER.

Treasurer	\$14,500
Assistant treasurer	4,000
Chief clerk	3,600
Auditor	3,000
Bookkeeper	3,000
Cashier	2,700
Clerk	2,500
Clerks, 2 at	2,400
Cashier	2,100
Bookkeepers, 3 at	2,000
Clerks, \$780 to	1,800

*Allowed by board, \$4,000; as ex officio town collector of each of seven towns (\$1,500 each), \$10,500.

COUNTY CLERK.

County clerk	\$9,000
Chief deputy	3,600
Chief clerk	3,000
Cashier	2,700
Chief tax extension	2,850
Assist. tax extension clerk	2,400
Bookkeeper	2,100
Mail clerk	2,000
Clerks, \$840 to	2,100
Messenger	600

RECORDER.

Recorder	\$9,000
Chief deputy	3,600
Chief clerk	3,000
Clerks, each, \$720 to	1,800

ABSTRACT DEPARTMENT.

Superintendent	\$2,260
Clerks, \$1,100 to	1,800

TORRENS DEPARTMENT.

Attorney	\$4,000
Attorney	2,500
Examiner of titles	2,500
Clerk	2,500
Clerks, \$1,200 to	1,800

CIRCUIT COURT CLERK.

Clerk of court	\$5,000
Chief clerk	3,000
Bookkeeper	3,000
Cashier	1,800
Execution clerks, 2 at	2,000
Clerks, \$1,000 to	2,000

SUPERIOR COURT CLERK.

Clerk of court	\$5,000
Chief clerk	3,000
Bookkeeper	2,400
Cashier	1,800
Clerks, \$1,000 to	1,800

CLERK COUNTY COURT.

Chief clerk	\$3,000
Assistant to county clerk	3,000
Cashier	3,000
Clerks, \$1,000 to	1,800

PROBATE COURT CLERK.

Clerk Probate court	\$9,000
Assistant to judge	3,300
Assistants, 2 at	3,000
Chief clerk	3,000
Clerk	2,400
Clerks, \$1,000 to	2,000

CRIMINAL COURT CLERK.

Clerk Criminal court	\$9,000
Chief clerk	3,600
Clerk	1,800
Cashier	2,000
Record clerk	2,800
Clerks, \$900 to	1,800

STATE'S ATTORNEY.

State's attorney	\$9,600
Assistant, 1 at	5,000
Assistant, 1 at	4,800
Assistants, 5 at	4,000
Assistants, 4 at	4,500
Assistants, 2 at	3,700
Assistants, 8 at	3,000
Assistants, 8 at	2,400
Assistants, 2 at	1,800
Clerks, 3 at	1,200
Investigators, 2 at	2,000
Investigator, 1 at	1,500
Bookkeeper	2,100
Cashier	1,500

COUNTY INSTITUTIONS.

AT OAK FOREST.

Superintendent	\$3,600
Assistant supt., 3 months	375
Senior physician	1,800
Assistant physicians, 2 at	1,200
Druggist	1,200
Food examiner	1,800
Steward	1,500
Record clerk	1,200
Supervisor	1,200
Nurses, \$560 to	600
Head cook	1,140

Wages of min. employ run from \$20 to \$90 a month. Nearly all are provided with board and lodging and laundry service free.

AT COUNTY HOSPITAL.

Warden	\$3,600
County physician	3,500
Assistant warden	2,700
Assistant warden, 1 at	2,700
Librarian	1,500
Assistant librarian	1,200
Interpreter	1,200
Druggist	1,200
Pathologist	1,800
Statistician	2,000

Clerk	1,800
Steward	1,500
Chief engineer	1,800
Other employees, \$240 to	1,080
Board, etc., is in some cases free.	

AT DUNNING.

Superintendent	\$3,600
Business manager	2,000
Assistant manager	1,500
Physicians, \$1,200 to	2,500
Druggist	1,080
Steward	1,500
Record clerk	1,200
Food examiner	1,800
Attendants, \$360 to	600
Chief engineer	1,800
Other employees, \$240 to	1,080
Board, etc., in many cases free.	

COUNTY AGENT.

County agent	\$3,600
Physician, hospital	2,500
Physician, jail	1,500
Assistant agent, 1 at	2,500
Assistant agent, 1 at	2,400
Assistant agents, 7 at	1,800
Deporting agent	1,650
Investigators, \$1,200 to	1,500
Clerks, \$600 to	1,200

G. A. R. RELIEF.

Superintendent	\$1,200
Secretary	900
Visitor	900
Stenographer	600

DELINQUENT HOME.

Superintendent	\$1,500
Physician	1,200
Juvenile officer	1,050
Other employees, \$420 to	960

JUVENILE COURT.

Chief probation officer	\$3,000
Assistants, \$720 to	1,200

Supt of SCHOOLS.

Superintendent	\$7,500
Assistants, 2 at	3,000
Clerk	1,200
Secretary	1,000

*Paid by state.

ADULT PROBATION.

Chief probation officer	\$1,500
Stenographer	1,000
Probation officers, 4 at	1,320

JURY COMMISSION.

Commissioners, 3 at	1,500
Clerk	1,800
Assistants, 7 at	1,200
Assistants, 3 at	1,100
Assistant, 1 at	900

ELECTION COMMISSION.

Commissioners, 3 at	\$4,000
Chief clerk	5,000
Assistant chief clerk	3,000

CORONER.

Coroner	\$5,000
Chief deputy	3,300
Chief physician	2,500
Physicians, 3 at	2,100
Deputies, 11 at	2,000
Clerk	1,200
Shorthand reporters, 4 at	1,800
Typists, 4 at	1,200

JUDGES.

Circuit judges, 14 at	\$10,000
Superior judges, 17 at	*10,000
Superior judge, 1 at	*11,500
County court judge	10,000
Probate court judge	10,000
*\$5,000 from county and \$5,000 from state, \$36,500 from county and \$5,000 from state.	

COOK COUNTY FINANCES (DEC. 1, 1910, TO DEC. 21, 1911).

[From Comptroller R. M. Sweitzer's annual report published March, 1912.]

GENERAL STATEMENT.

Cash balance Dec. 1, 1910	\$69,022.85
Actual receipts	5,662,586.16
Tax levy loan receipts	2,695,000.00
Transferred from building funds	16,914.73
Total balance and receipts	8,443,523.74
Vouchered expenditures	5,799,134.35
Tax levy loans repaid	2,506,450.00
Total disbursements	8,099,634.35
Cash balance carried forward	343,889.39
Due from various sources	97,633.84
Total available for 1912	441,523.23

RECEIPTS IN DETAIL.

FROM FEE OFFICES.

County treasurer and collector	\$847,270.09
County clerk	246,905.60
Clerk of County court	28,386.74
Recorder	241,736.25
Abstract master	22,013.18
Registrar of title	28,936.64
Clerk of Probate court	102,477.25
Clerk of Criminal court	2,146.20
Clerk of Circuit court	114,042.93
Clerk of Superior court	96,709.20
Sheriff	54,954.61
State's attorney	2,324.40
Coroner	3,732.45
Total	1,791,635.54

FROM TAXES.

Taxes receivable for 1910 levy	\$4,652,870.20
Deductions	941,587.50
Net taxes, 1910 levy, for general fund	3,711,282.70

MISCELLANEOUS.

Cash advanced to new county hospital fund	\$46,213.04
Sale of clinic tickets, etc	15,041.42
Prior year's account	93,413.46
Total miscellaneous	159,867.92
Total actual receipts	5,662,586.16

EXPENDITURES IN DETAIL.

SALARY FUND.

Auditor	\$6,720.00
Board of assessors	248,873.35
Board of review	116,734.06

Civil service commission	31,727.94
Clerk of Circuit court	93,287.63
Clerk of County court	38,695.23
Clerk of Criminal court	66,851.32
Clerk of Probate court	96,922.29
Clerk of Superior court	78,277.34
Comptroller	26,100.11
Coroner	44,774.79
County attorney	20,343.33
County agent	69,931.44
County agent, G. A. R.	3,600.00
County board	71,091.53
County clerk	281,662.39
County treasurer	379,445.82
Dunning institutions	159,703.78
Election commissioners	18,550.98
Hospital	216,859.80
Jury commissioners	19,493.63
Juvenile home	17,702.01
Juvenile probation officers	43,866.22
Oak Forest institution	78,077.61
Recorder	172,003.42
Recorder, abstract department	42,538.78
Recorder, Torrens department	27,009.92
Sheriff	241,443.99
Sheriff, county building	146,205.37
Sheriff, Criminal court building	47,244.96
Sheriff, jail	82,058.90
Superintendent public service	34,134.71
Superintendent public service, mechanics	76,338.77
Superintendent of schools	6,152.88
State's attorney	129,226.28
Total	3,233,681.17

SUPPLY FUND.

Hospital	\$289,340.11
Dunning institutions	230,176.05
County agent	218,036.26
Juvenile court	708.48
Juvenile detention home	19,994.06
Superintendent public service	156,898.77
Oak Forest institution	160,165.57
Total	1,075,319.30

FURNITURE AND REPAIR FUND.

Courthouse	\$20,665.70
Criminal court building	13,940.43
Dunning institutions	10,004.33
Hospital	4,484.44
County agent	3,592.64
Oak Forest institution	22,054.60
Juvenile detention home	2,215.29
Total	76,957.48

JUDGES' FUND.	
Judges	\$153,935.59
Extra judges, Circuit court.....	9,470.00
Extra judges, Superior court.....	6,450.00
Extra judges, County court.....	4,399.25
Total	174,254.84

JURORS' FUND.	
Chicago Heights court jurors.....	\$1,076.75
Circuit court jurors.....	55,604.10
Superior court jurors.....	17,386.65
Criminal court jurors.....	78,465.70
County court jurors.....	8,031.80
Coroner's jurors.....	33,516.00
Dieting jurors.....	8,977.80
Total	257,058.80

INDUSTRIAL SCHOOLS FUNDS.	
St. Mary's training school for boys.....	\$24,000.00
Illinois training farm.....	23,939.26
Chicago industrial school for girls.....	12,000.00
Illinois industrial school for girls.....	11,980.00
Kinderfried Society of Illinois.....	1,200.00
Total	73,119.26

OUTDOOR RELIEF, ETC.	
Outdoor relief.....	\$22,445.25
Roads and bridges.....	48,387.14

SUNDRY OTHER FUNDS.	
Building	\$46,830.72
Coroner's expense.....	1,789.77
County surveyor.....	282.30
Deporting indigents.....	1,500.00
Dieting prisoners, jail.....	24,997.25
Election fund.....	248,790.92
Hospital nursing.....	135,000.00
Inspecting, etc.....	3,058.88
Interest on bank loan.....	59,580.39
Judgments, 1910.....	3,384.60
Lighting courthouse.....	16,596.44
Miscellaneous.....	59,483.11
Postage and envelopes.....	11,304.26
Power, courthouse.....	15,189.81
President's expense.....	3,000.00
Printing real estate assessment lists.....	3,052.22
Special county attorney.....	8,893.69
State institutions.....	49,725.74
Telephone service.....	9,445.77
Transportation prisoners.....	3,500.00
Total	705,906.97

OUTSTANDING LIABILITIES FUND.	
Outstanding liabilities, 1910.....	\$126,054.14

SUMMARY EXPENDITURES FUND.	
Salary	\$3,233,681.17
Supply	1,075,319.30
Furniture and repairs.....	76,957.48
Judges	174,254.84
Jurors	257,058.80
Industrial schools.....	73,119.26
Outdoor relief.....	22,445.25
Roads and bridges.....	48,387.14
Sundry other funds.....	705,906.97
Total current year account.....	5,667,130.21
Outstanding liabilities, prior year.....	126,054.14
Grand total.....	5,793,184.35
Tax levy warrants.....	2,306,450.00
Total	8,099,634.35

BOND PRINCIPAL AND INTEREST FUND.			
	Principal.	Interest.	Total.
Cash bal., Dec. 1, 1910.....	\$3,900.00	\$62,225.38	\$66,125.38
Actual receipts.....	625,000.00	316,587.50	941,587.50
Total	628,900.00	378,812.88	1,007,712.88
Expenditures.....	623,500.00	317,935.00	941,435.00
Cash balance, 1911.....	5,400.00	60,877.88	66,277.88

BOND INDEBTEDNESS.	
Bonds outstanding Dec. 1, 1910.....	\$14,813,087.50
Deduct for bonds maturing in 1911.....	1,211,587.50
Leaves bonds due after Dec. 1, 1911.....	13,601,500.00
Add "unexpanded balances" bonds.....	336,277.88

Net of bonds outstanding.....	13,937,777.88
Net of interest.....	3,447,377.88

NEW INFIRMARY BUILDING FUND.	
Cash balance Dec. 1, 1909.....	\$246,206.86
Expenditures.....	156,506.98
Cash balance.....	89,699.88

NEW COUNTY HOSPITAL FUND.	
Cash from sale of bonds.....	\$950,157.00
Deduct amount advanced from general fund.....	46,213.04
Balance	903,943.96
Expenditures.....	109,360.55
Cash balance.....	794,583.41

SUMMARY OF INDEBTEDNESS.	
General fund.....	\$209,698.20
General fund, tax warrants.....	1,535,000.00
New infirmary building fund.....	89,699.88
New county hospital fund.....	794,583.41
Tavern license fund.....	1,260.00
Warrants issued fund.....	214,077.83
Bonds, principal fund.....	5,400.00
Bonds, interest fund.....	60,877.88
Bonded indebtedness after Dec. 1, 1911.....	10,335,000.00
Bond interest after Dec. 1, 1911.....	3,266,500.00
Total	16,512,097.20
Cash on hand, all funds.....	1,509,788.39
Cash balance due from fee offices.....	97,633.84

SUMMARY OF INDEBTEDNESS.	
--------------------------	--

Total credits.....	1,607,422.23
Net total indebtedness.....	14,904,674.97
Bonds and interest not due.....	13,601,500.00
Net indebtedness.....	1,303,174.97

GRAND SUMMARY.	
RECEIPTS.	
Cash transfers.....	\$16,914.73
Cash balance.....	69,022.85
General fund.....	5,662,586.16
Tax warrants.....	2,695,000.00
New infirmary fund.....	246,206.86
New county hospital fund.....	950,157.00
Bond principal fund.....	628,900.00
Bond interest fund.....	378,812.88
Tavern license account.....	9,907.50
Total receipts.....	10,657,507.98
Warrants outstanding.....	214,077.83
Total	10,871,585.81

EXPENDITURES.	
General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

EXPENDITURES.	
---------------	--

General fund.....	\$5,793,184.35
Tax loan repaid.....	2,306,450.00
New infirmary fund.....	156,506.98
New county hospital fund.....	155,573.59
Bond principal paid.....	623,500.00
Bond interest paid.....	317,935.00
Total	9,353,149.92
Tavern license, vouchered.....	8,647.50
Total payments.....	9,361,797.42
Cash balance.....	1,509,788.39
Total	10,871,585.81

BEEF AND PORK PACKING IN CHICAGO.

Year ended March 1.

Years.	No. cattle.	No. hogs.	Years.	No. cattle.	No. hogs.	Years.	No. cattle.	No. hogs.
1896-7.....	1,756,431	5,967,595	1901-2.....	2,047,489	7,691,513	1906-7.....	1,988,504	6,079,541
1897-8.....	1,732,296	6,747,265	1902-3.....	2,017,563	6,911,947	1907-8.....	1,817,787	6,342,717
1898-9.....	1,603,380	8,016,676	1903-4.....	2,163,976	7,763,685	1908-9.....	1,637,295	6,298,205
1899-1900.....	1,734,776	7,544,219	1904-5.....	1,918,665	6,044,758	1909-10.....	1,638,921	5,161,552
1900-1.....	1,814,921	7,364,859	1905-6.....	1,988,955	6,170,341	1910-11.....	1,735,189	4,812,916

COURTS IN COOK COUNTY.

APPELLATE COURT, FIRST DISTRICT, ILLINOIS.

Ashland block, 7th floor.

A—Ben M. Smith, presiding justice; Frank Baker, Edward O. Brown.
 B (Branch)—Thomas C. Clark, presiding justice; Frederick A. Smith, Albert C. Barnes.
 C (Branch)—Warren W. Duncan, presiding justice; Emery C. Graves, James S. Baume.
 D (Branch)—Martin M. Gridley, presiding justice; William H. McSurely, Joseph H. Fitch.
 Clerk—Alfred R. Porter, R.; chief deputy, Roy S. Gaskill.

Jurisdiction—The Appellate court has jurisdiction of all matters of appeal or writs of error from the Superior, Circuit and County courts, and from the Municipal court of Chicago, except in criminal cases and those affecting a franchise or freehold or the validity of a statute. Decisions are final except that an appeal may be granted on a certificate of importance, or a review may be allowed on a writ of certiorari from the Supreme court.

Terms of Court—First Tuesdays in March and October of each year.

SUPERIOR COURT.

Courthouse, 4th floor.

Judges—W. H. McSurely, R.; term expires 1917; Theodore Brentano, R., 1915; Marcus A. Kavanagh, R., 1917; Joseph H. Fitch, D., 1917; William E. Dever, D., 1916; Richard E. Burke, D., 1916; Martin M. Gridley, D., 1916; Thomas C. Clark, D., 1916; Charles A. McDonald, D., 1916; W. F. Cooper, D., 1916; Henry V. Freeman, R., 1917; Albert C. Barnes, R., 1917; Hugo Pam, R., 1917; M. L. McKinley, D., 1917; Clarence N. Goodwin, D., 1917; Charles M. Foell, R., 1917; Denis E. Sullivan, D., 1917.

Clerk—Richard J. McGrath, D.; courthouse, fourth floor, south end. Chief deputy, Charles E. Shearman.

Jurisdiction—The Superior court has concurrent jurisdiction with the Circuit court in all cases of law and equity and in appeals from inferior courts.

Terms of Court—Begin on the first Monday of every month.

CIRCUIT COURT.

Courthouse, 4th floor.

Terms of judges all expire in June, 1915.

Judges—Edward O. Brown, D.; Thomas G. Windes, D.; Merritt W. Plinckney, R.; R. S. Tutthill, R.; Frank Baker, D.; John Gibbons, R.; C. M. Walker, D.; Lockwood Honore, D.; John F. McGorty, D.; George Kersten, D.; Frederick A. Smith, R.; Adolor J. Pettit, R.; Kickham Scanlan, R.; Jesse A. Baldwin, R.
Clerk—John W. Rainey, D.; chief deputy, Louis Hutt, R.; fourth floor, north end.

Jurisdiction—Same as that of the Superior court.

Terms of Court—Begin on the third Monday of every month.

COUNTY COURT.

Courthouse, 6th floor.

Judge—John E. Owens, D.; term expires in December, 1914.

Clerk—R. M. Sweitzer, D.; 600 courthouse.

Jurisdiction—The County court has concurrent jurisdiction with the Circuit courts in all cases of appeal from justices of the peace and police magistrates and in all common-law matters where the value of property does not exceed \$1,000; concurrent jurisdiction with courts of record in condemnation and special assessment proceedings; exclusive jurisdiction in voluntary assignments, release of insolvent debtors, trials of the right of property, commitment of insane and the support of paupers by their relatives; objections to the sale of real estate for nonpayment of general or special taxes are heard in the County court and all inheritance taxes are levied and collected under its direction; the official bonds of most county and township officers and the yearly reports of clerks, justices of the peace and state's attorneys and other officers of fees

collected are subject to the approval of that court; the County court in Cook county has entire management and control of all elections in Chicago.

CRIMINAL COURT.

Criminal court building, Michigan street and Dearborn avenue.

Judges—Judges of the Superior and Circuit courts alternate in presiding over the Criminal court.
Clerk—Frank J. Walsh, D.; office in Criminal court building.

Jurisdiction—The Criminal court of Cook county has original jurisdiction of all criminal offenses except such as is conferred upon justices of the peace, and appellate jurisdiction from justices of the peace.

Terms of Court—Begin on the first Monday of every month.

PROBATE COURT.

Courthouse, 6th floor.

Judge—Charles S. Cutting, R.; term expires in 1914.
Assistants—Neil J. Shannon, Philip P. Bregstone.
Clerk—John A. Cervenka, D.

Public Administrator—John F. Devine, R.

Public Guardian—Mary M. Bartelme.

Jurisdiction—The Probate court has original jurisdiction in all matters of probate, the settlement of estates of deceased persons, the appointment of guardians and conservators and settlement of their accounts, and in all matters relating to apprentices, and in cases of sales of real estate of deceased persons for the payment of debts.

Terms of Court—Begin on the first Monday of every month.

JUVENILE COURT.

771 Ewing street.

Judge—Merritt W. Plinckney.

Jurisdiction—The Juvenile court hears and disposes of cases brought before it under the act to regulate the treatment and control of dependent, neglected and delinquent children.

CIRCUIT COURT OF APPEALS.

Federal building, 7th floor.

Associate Justice—William R. Day.

Judges—Christian C. Kohlsaat, Francis E. Baker, William H. Seaman.

Clerk—Edward M. Holloway.

Salary of judges, \$7,000 a year.

Jurisdiction—The Circuit Courts of Appeal have appellate jurisdiction to review final decisions in district courts in all cases other than those which may be taken direct to the United States Supreme court.

UNITED STATES DISTRICT COURT.

Federal building, 6th floor.

Judges—Kenesaw M. Landis, George A. Carpenter.

Clerk—Thomas C. Mac Millan.

Marshal—Luman T. Hoy.

Salary of judges, \$6,000 a year.

Jurisdiction—United States District courts have jurisdiction of cases where the United States is plaintiff or defendant; of crimes and offenses cognizable under the authority of the United States; of suits relating to debts by or to the United States; of admiralty and maritime cases; of suits arising under the postal, patent, trade-mark, copyright, immigration, contract labor, national banking, antitrust laws, etc.

MASTERS IN CHANCERY.

Circuit Court—William F. Cooper, M. H. Gnerlin, Fred Sass, Albert W. Brickwood, Granville W. Browning, Stillman B. Jamieson, Roswell B. Mason, Dennis W. Sullivan, George Mills Rogers, Thomas Taylor, Jr., Horatio L. Walt, Sigmund Zeisler, William A. Doyle, Ralph W. Condee, John W. Ellis, Richard S. Folsom.
Superior Court—Hiram Barber, Wirt E. Humphrey, John E. Hunt, Charles P. Abbey, David F. Matchett, James V. O'Donnell, C. Arch Williams, Joseph E. Weissbach, George F. Barrett, John F. Holland, George T. Kelly.

MUNICIPAL COURT OF CHICAGO.

City hall, eighth and ninth floors.

Chief Justice—Harry Olson, room 915.

Chief Clerk—Frank P. Danisch.

Chief Bailiff—Anton J. Cermak.

Judges—Terms expire in 1914: Henry C. Beltler,

Charles N. Goodnow, Joseph Z. Uhlir, Hosea W.

Wells, Oscar M. Torrison, Frederick L. Fuke, Jr.,

Sheridan E. Fry, Hugh R. Stewart, Frank H.

Graham. Terms expire in 1916: John R. Caverly,

John J. Rooney, Thomas F. Scully, Jacob H.

Hopkins, James C. Martin, Harry P. Dolan, Jo-

seph Sabath, John R. Newcomer, Charles A. Wil-

liams, David Sullivan. Terms expire in 1918:

Harry Olson, chief justice; William N. Gemmill,

John K. Prindiville, Harry M. Fisher, John A.

Mahoney, John Courtney, Edward T. Wade, Joseph

P. Rafferty, Joseph S. LaBuy, John J. Sullivan,

Hugh J. Kearns.

Salaries—Chief justice, \$10,000 a year; associate

justices, \$6,000; clerk, \$5,000; chief deputy clerk,

\$2,500; other clerks, \$1,800; bailiff, \$5,000; chief

deputy bailiff, \$2,500; other bailiffs, \$1,500.

Circuit Courts—First district, city hall; second dis-

trict, 8855 and 8857 Exchange avenue, South Chi-

cago.

Criminal Courts—First district: Branches 1 and 2,

Criminal court building; South Clark street

branches 1 and 2, 625 South Clark street; Des-

plaines street branch, 119 North Desplaines street;

Maxwell street branch, Maxwell and Morgan

streets; Hyde Park branch, 5223 Lake avenue;

West Chicago avenue branch, 1125 West Chicago

avenue; Shakespere avenue branch, Shakespere

and California avenues; East Chicago avenue

branch, 115 East Chicago avenue; Sheffield avenue

branch, Sheffield avenue and Diversey boulevard;

Englewood branch, 6247 Westworth avenue; 35th

street branch, 728 West 35th street. Second dis-

trict; 8855-8857 Exchange avenue, South Chicago.

JURISDICTION.

1. All actions on contracts when the amount claimed by the plaintiff exceeds \$1,000; all actions for the recovery of personal property the value of which exceeds \$1,000; all actions for the recovery of damages for the conversion of personal property when the amount sought to be recovered exceeds \$1,000.

2. All cases which may be transferred to it by the Circuit and Superior courts of Cook county.

3. All criminal cases in which the punishment is by fine or imprisonment otherwise than in the penitentiary and all criminal cases which may be prosecuted otherwise than by indictment by a grand jury.

4. All civil actions, quasi-criminal actions excepted, for the recovery of money only, where the amount does not exceed \$1,000; all actions for the recovery of personal property the value of which does not exceed \$1,000; all actions of forcible detainer and all actions and proceedings of which justices of the peace were formerly given jurisdiction where the amount sought to be recovered does not exceed \$1,000.

5. Quasi-criminal actions.

6. Proceedings for the prevention of crime; pro-

ceedings for the arrest, examination and commitment of persons charged with criminal offenses and proceedings pertaining to search warrants.

COSTS IN CIVIL CASES.

1. In cases of the first class the plaintiff shall pay \$3 to the clerk when suit is begun and \$6 more if he asks for a jury trial.

2. In cases of the second class the plaintiff at the time of the bringing of the transcript of the record to the Municipal court shall pay \$1 and \$6 more if he files a demand for a jury.

3. In cases of the first class the defendant at the time of the filing of his appearance shall pay to the clerk \$5 and if he asks for a jury \$6 additional.

4. In any case of the fourth class the plaintiff at the time of beginning suit shall pay to the clerk of the court \$2 when the amount claimed does not exceed \$200; \$5 if the amount exceeds \$500 and does not exceed \$1,000, and \$2 in a case of forcible entry and detainer. If a jury is asked \$6 additional must be paid.

5. In any case of the fourth class the defendant at the time of his appearance shall pay to the clerk \$2 if the amount claimed by the plaintiff exceeds \$200 and the further sum of \$6 if he (the defendant) asks for a jury.

6. The costs to be paid for the services of the bailiffs, sheriffs and coroners shall be \$1.75 for each person upon whom service is made and in cases where any levy is to be made \$1.75 additional; other costs shall be the same as in the Circuit court.

7. In any case of the fourth class the party delivering to the bailiff any paper to be served shall pay him \$1 for each defendant named upon whom service is to be made, and in cases of writs of attachment, replevin or execution the further sum of \$1 when any levy is made, and shall also pay for the actual expense of seizing and caring for property.

8. In any case the party securing any certified copy of the record shall pay to the clerk the same fees as are paid to the clerk of the Circuit court for similar services.

9. In any case of the fourth class the bailiff, as commissions on moneys realized by execution, shall collect from the defendant in the execution 5 per cent upon the money realized if it does not exceed \$100, but if it exceeds \$100 the amount shall be 5 per cent on the first \$100 and 3 per cent upon the excess over \$100.

10. All other costs not specified shall be the same as in the Circuit court.

COSTS IN CRIMINAL CASES.

Costs in criminal and quasi-criminal cases and proceedings in the Municipal court instituted in the name of the people or of any state or county officers shall be:

1. Clerk's fees for all services rendered by him, \$6.

2. Bailiff's fees the same as those which may now or hereafter be fixed by law for the sheriff in counties of the third class for similar services.

CHICAGO JUVENILE COURT STATISTICS.

	1909.	1910.	1911.
Delinquent boys in court.....	1,352	1,161	1,320
Delinquent girls in court.....	464	475	473
Dependent boys in court.....	852	961	1,076
Dependent girls in court.....	677	699	929
Delinquents put on probation.....	929	709	715
Dependents put on probation.....	415	462	779
Delinquents sent to institutions.....	673	741	847
Dependents sent to institutions.....	1,013	1,075	1,068
Delinquents dismissed.....	193	171	203
Dependents dismissed.....	53	68	107
Boys held to grand jury.....	4		2

TOTAL CHILDREN ON PROBATION.

	Dec. 1, 1906.	Dec. 1, 1907.	Dec. 1, 1908.	Dec. 1, 1909.	Dec. 1, 1910.	Dec. 1, 1911.
Dependent boys.....	697	764	579	549	504	644
Dependent girls.....	762	805	651	630	644	855
Total.....	1,459	1,569	1,230	1,149	1,148	1,519

	1906.	1907.	1908.	1909.	1910.	1911.
Delinquent boys.....	2,599	2,540	1,779	1,283	1,081	892
Delinquent girls.....	343	396	336	325	294	351
Total.....	2,942	2,936	2,115	1,608	1,375	1,243
Total boys.....	3,296	3,294	2,358	1,802	1,585	1,556
Total girls.....	1,105	1,201	987	955	938	1,206
Total.....	4,401	4,495	3,345	2,757	2,523	2,762

JUVENILE DETENTION HOME.

Year ended Nov. 30, 1911.

Delinquent boys received.....	2,658
Delinquent girls received.....	566
Dependent boys received.....	455
Dependent girls received.....	354
Total number received.....	4,033
Daily average population.....	79
Total meals for children.....	87,026

COOK COUNTY APPROPRIATIONS.

For fiscal year 1912.

GENERAL.		SALARIES.		GENERAL SUPPLIES.	
Bonds and interest....	\$1,225,882.50	County board.....	\$74,700.00	Oak Forest institutions	\$197,500.00
New infirmary.....	89,699.88	Comptroller.....	44,300.00	Dunning institutions.....	172,000.00
New county hospital....	2,844,583.41	Supt. public service....	38,980.00	County hospital.....	257,500.00
Liabilities outstanding	209,698.20	Mechanics.....	34,095.40	County agent.....	240,500.00
Light, heat and power	210,000.00	Sheriff.....	271,680.00	G. A. R. relief.....	34,000.00
Furniture and repair..	105,000.00	County building.....	153,547.80	Home for delinquents.	20,000.00
Claims and refunds....	21,000.00	Criminal court bldg..	50,128.00	Sheriff, county building	20,000.00
Dieting, bridewell.....	50,000.00	Jail.....	26,311.66	Criminal court bldg..	8,000.00
State institutions.....	50,000.00	Civil service commis'n	26,311.66	Jail.....	9,500.00
Industrial schools.....	110,000.00	County attorney.....	32,983.30	Dieting prisoners, jail.	35,000.00
Telephone fund.....	15,000.00	Board of assessors....	202,590.00	Supt. public service....	25,000.00
Depoiting indigents....	2,500.00	Board of review.....	113,660.00	Total gen. supplies..	1,019,000.00
Inspection.....	2,500.00	County treasurer.....	396,470.00	Total appropriations.	13,952,899.19
President's fund.....	3,500.00	County clerk.....	227,080.00	Total in 1911.....	13,503,648.40
Hospital nursing.....	135,000.00	Recorder.....	180,120.00	ESTIMATED RESOURCES.	
Roads and bridges.....	50,000.00	Abstract department.	43,720.00	General taxes.....	\$3,328,251.95
Transportation.....	3,500.00	Torrens department..	35,900.00	FEE OFFICES.	
Postage fund.....	12,500.00	Clerk Circuit court....	97,800.00	County treasurer.....	\$37,500.00
Tuberculosis hospital..	63,995.00	Clerk Superior court....	92,740.00	County clerk.....	250,000.00
Building.....	25,000.00	Clerk County court....	41,636.00	County court clerk....	60,000.00
Special audit fund....	25,000.00	Clerk Probate court....	101,020.00	Recorder.....	240,000.00
Coroner's expense....	7,900.00	Jury commissioners....	18,900.00	Abstract department	22,000.00
County attorney.....	21,000.00	Election commissioners	20,000.00	Torrens department..	28,000.00
Assessment lists.....	23,000.00	Coroners.....	57,700.00	Probate court clerk....	115,000.00
Outdoor relief.....	350,000.00	Clerk Criminal court..	68,240.00	Circuit court clerk....	115,000.00
Jurors' fund.....	5,000.00	State's attorney.....	142,380.00	Superior court clerk..	125,000.00
Election fund.....	230,000.00	Oak Forest institutions	76,100.00	Sheriff.....	60,000.00
Judges' fund.....	220,709.64	County hospital.....	247,833.20	State's attorney.....	17,000.00
Interest on loans.....	60,000.00	Dunning institutions..	168,626.00	Criminal court clerk..	2,500.00
Printing.....	6,500.00	County agent.....	135,070.00	Coroner.....	3,500.00
Insurance.....	5,000.00	G. A. R. veterans.....	3,600.00	Total fee offices....	1,913,000.00
Parents' pension.....	75,000.00	Home for delinquents.	22,770.00	OTHER SOURCES.	
No fees cases fund....	30,000.00	Juvenile court.....	60,560.00	Miscellaneous.....	\$15,000.00
Miscellaneous.....	25,000.00	Supt. schools.....	8,200.00	Cash available.....	655,172.68
Judgments.....	1,000.00	Adult probation office.	7,350.00	Accounts receivable..	116,801.84
Rebate gen. tax fund..	2,740,640.00	Total salaries.....	3,435,390.56	New hospital fund....	2,844,583.41
Tax error and rebate..	310,000.00	OFFICE SUPPLIES.		New infirmary fund....	89,699.88
Total general.....	9,368,608.63	Office supplies.....	\$129,900.00	Total.....	\$3,721,257.81
				Grand total.....	13,962,509.76

EQUALIZED ASSESSMENT OF ILLINOIS PROPERTY.

YEAR.	Real estate.	Personal property.	Railroad property.	Total valuation.*	Tax rate per \$100.
1840.....				\$58,752,168	\$0.20
1850.....	886,532,237	833,335,799		119,868,336	.58
1860.....	296,258,155	88,854,115	\$12,085,472	367,227,742	.67
1870.....	347,876,690	119,545,227	19,242,141	480,664,058	.65
1880.....	573,404,141	158,846,894	47,365,259	779,616,294	.86
1890.....	587,046,398	149,158,000	72,689,396	808,892,792	.96
1900.....	569,619,469	162,235,264	77,878,672	809,730,406	.50
1901.....	689,210,143	223,736,346	86,285,340	999,231,829	.50
1902.....	710,571,904	231,350,427	88,270,104	1,030,292,435	.40
1903.....	758,249,645	234,133,427	90,669,907	1,083,050,979	.52
1904.....	763,260,719	226,356,632	90,854,611	1,080,474,083	.55
1905.....	771,040,262	218,970,049	93,634,247	1,065,681,557	.50
1906.....	783,061,075	228,171,948	95,131,416	1,106,363,437	.50
1907.....	801,392,748	246,519,650	100,161,545	1,251,974,906	.50
1908.....	894,231,942	245,067,647	104,743,848	1,244,043,437	.50
1909.....	1,508,984,520	435,610,615	175,683,593	2,119,278,728	.35
1910.....	1,532,525,070	467,482,556	177,217,518	2,177,225,144	.35
1911.....	1,630,014,032	462,719,174	178,105,461	2,270,838,667	.35
1912.....	1,648,500,546	470,904,243	178,092,000	2,297,496,789	.38

*Includes assessment on capital stock of railroads, property of interurban lines and capital stock of franchise corporations.

NOTE—The assessed value is one-third of actual value. Prior to 1909 it was one-fifth. In 1912 the assessment on lands was \$691,756,356; on lots, \$951,-

981,600; railroad capital stock, \$3,228,894; other capital stock, \$27,854,277; electric roads, \$15,293,843. The total full value of all classes of property in Illinois in 1912 was \$7,031,639,073, as against \$6,954,-943,842 in 1911.

HOOKWORM-DISEASE COMMISSION.

Oct. 26, 1909, John D. Rockefeller gave \$1,000,000 as a fund to be used in combating the ravages of the "hookworm" parasite in the southern states. The following gentlemen were designated to take charge of the work: John D. Rockefeller, Jr.; Dr.

William H. Welch, Dr. Simon Flexner, Dr. Charles W. Stille, Dr. Edwin A. Alderman, Dr. David F. Houston, Prof. P. P. Claxton, J. Y. Joyner, Walter H. Page, Dr. H. B. Frissell, Frederick T. Gates, Starr J. Murphy.

CHICAGO STREET RAILWAY ACCOUNTS AND STATISTICS.

COMBINED BALANCE SHEET.

The combined balance sheet of the Chicago Railways company, the Chicago City Railway company, the Calumet & South Chicago Railway company and the Southern Street Railway company Jan. 31, 1912, was as follows:

ASSETS.	
Value of Properties—Value as stated by traction valuation commission June 30, 1906; Feb. 1, 1908 and Aug. 1, 1908	\$55,775,000.00
Certificates issued by board of supervising engineers.....	71,717,398.37
Current assets.....	5,577,021.96
Total	133,069,420.33
LIABILITIES.	
Capital—Representing purchase price of the properties in accordance with the terms of the city ordinances.....	\$127,492,398.37
Reserve for damages.....	1,539,615.81
Renewal and depreciation reserve fund	424,516.08
City of Chicago—Proportion of profits, less taxes and licenses paid in advance (\$1,170.00).....	1,869,738.00
Companies—Proportion of profits.....	1,530,742.91
Liability of gross receipts for subsequent years for deficit in net receipts for the years ended Jan. 31, 1909, 1910 and 1911.....	212,409.16
Total	133,069,420.33

COMBINED INCOME ACCOUNT.

For the year ended Jan. 31, 1912.

Receipts—Passenger cars.....	\$28,030,971.03
Chartered cars.....	11,318.62
Mail cars.....	63,692.31
Newspaper cars.....	6,300.00
Express car earnings.....	1,349.03
Advertising	211,660.54
Rent of land and buildings.....	30,800.21
Rent of equipment.....	14,053.93
Rent of tracks.....	14,588.76
Sale of power.....	337,245.91
Miscellaneous	81,980.12
Interests on deposits.....	94,913.52
Interest on notes receivable.....	14.15
Gross receipts.....	28,898,887.93
Expenses—Maintenance of way and structures.....	\$1,080,483.13
Maintenance of equipment.....	1,505,655.22
Renewals	2,274,165.74
Operation of power plants and purchased power.....	2,896,967.84
Operation of cars.....	7,675,609.47
General expenses.....	2,642,241.27
Expense account investment real estate	25,908.56
Taxes	1,372,540.31
Total operating expenses.....	19,473,571.54
Net receipts from operation.....	\$9,425,316.39
From which deduct interest on capital invested at 5%.....	6,130,082.38
Net receipts.....	3,295,234.01
Divisible thus:	
City of Chicago.....	1,870,908.00
Companies	1,424,326.01

NOTE—The profits accruing to the city are derived from the Chicago Railways company, the Chicago City Railway company and the Southern Street Railway company. The Calumet & South Chicago Railway company did not earn any divisible profits.

CHICAGO CITY RAILWAY COMPANY.
INCLUDING SOUTHERN STREET RAILWAY COMPANY.

Balance sheet, Jan. 31, 1912.

ASSETS.	
Value of Properties—Chi-	
cago City Railway com-	

pany; value as stated by traction valuation commission, June 30, 1906...\$21,000,000.00
Certificates issued by board of supervising engineers. 21,897,477.99

Total value of properties.....	\$42,897,477.99
Southern Street Railway company—value as stated by traction valuation commission, Aug. 1, 1908.....	775,600.00
Certificates issued by board of supervising engineers.....	795,149.64
Total value of properties.....	1,570,149.64
Current assets.....	2,595,999.93
Total assets.....	47,063,618.56

LIABILITIES.	
Capital—Representing purchase price of the properties in accordance with the terms of the city ordinance—Chicago City Railway company.....	42,897,477.99
Southern Street Railway Company	1,570,149.64
Reserve for damages.....	44,467,627.63
Renewal and depreciation reserve fund	444,851.05
City of Chicago:	244,851.05
Proportion of profits.....	\$1,049,001.51
Less taxes and licenses paid in advance.....	640.00
Companies:	1,048,361.51
Proportion of profits.....	858,273.96
Total	47,063,618.56

INCOME ACCOUNT.

For year ended Jan. 31, 1912.

Receipts—Passenger cars.....	\$10,321,769.99
Chartered cars.....	2,382.41
Funeral cars.....	68.62
Mail cars.....	25,883.25
Newspaper cars.....	4,920.00
Mail carriers.....	10,425.48
Advertising	106,276.87
Rent of land and buildings.....	4,900.83
Rent of tracks.....	15.00
Sale of power.....	138,270.42
Miscellaneous	6,445.20
Interest on deposits (net).....	40,118.51
Gross receipts.....	10,711,476.58
Expenses—Maintenance of way and structures.....	\$301,468.95
Maintenance of equipment.....	525,249.14
Renewals	856,918.12
Operation of power plants and purchased power.....	999,721.17
Operation of cars.....	2,739,390.59
General expenses.....	742,158.55
Taxes	483,937.04
Total operating expenses.....	6,638,843.56
Net receipts from operation.....	\$4,072,633.02
From which deduct interest on capital invested at 5%.....	2,165,357.55
Net receipts.....	1,907,275.47
Divisible thus:	
City of Chicago 55%.....	1,049,001.51
Companies' 45%.....	858,273.96

OPERATING STATISTICS.

Miles of track owned (singled).....	284.48
Gross earnings.....	\$10,711,476.58
Paid to employees (wages).....	\$4,607,910.55
Average number of employees.....	5,026
Total passengers carried.....	359,290,864
Passengers carried for revenue.....	206,935,891
Transfer and other passengers.....	152,355,043

CHICAGO RAILWAYS COMPANY.

Balance sheet, Jan. 31, 1912.

ASSETS.

Value of properties:	
Value as stated by traction	
valuation commission June	
30, 1906.....	\$29,000,000.00
Certificates issued by board	
of supervising engineers.	45,110,203.96
Total value of properties.....	74,110,203.96
Current assets.....	2,745,215.47
Total assets.....	76,855,419.43

LIABILITIES.

Capital—Representing purchase price of	
the properties in accordance with the	
terms of the city ordinance.....	\$74,110,203.96
Reserve for damages.....	1,090,090.90
Renewal and depreciation reserve fund	
City of Chicago:	
Proportion of profits.....	\$821,906.49
Less taxes and licenses paid	
in advance.....	530.00
	821,376.49

Chicago Railways company:	
Proportion of profits.....	672,468.95

Total liabilities.....	76,855,409.43
Receipts—Passenger cars.....	\$16,737,407.70
Special cars.....	4,698.51
Mail.....	37,809.06
Miscellaneous.....	14,431.85
Advertising.....	100,000.00
Rent of equipment.....	14,053.93
Rent of buildings, etc.....	15,204.95
Sale of power.....	120,090.15

Gross receipts.....	17,043,696.15
Expenses—Way and structures.....	747,581.02
Equipment.....	868,278.53
Renewals.....	1,381,178.53
Traffic.....	1,708.25
Conducting transportation.....	6,414,485.08
General and miscellaneous.....	1,818,571.75
Expense of investment real estate.....	25,908.56

Total operating expenses.....	11,257,711.72
Net earnings from operation.....	5,785,984.43
Interest on deposits.....	51,737.32
Miscellaneous income.....	61,062.38

Gross income less expenses.....	5,898,784.13
Taxes (estimated).....	855,390.54
Interest on valuation.....	3,549,018.15

Total deductions.....	4,404,408.69
Net income.....	\$1,494,375.44

Divisible this:	
City of Chicago 55%.....	\$21,906.49
Chicago Railways company 45%.....	672,468.95

OPERATING STATISTICS.

Miles of track owned (single).....	513.29
Gross earnings.....	\$17,156,495.85
Wages paid to employes.....	\$6,308,415.58
Average number of employes.....	8,112
Total passengers carried.....	578,124,326
Passengers carried for revenue.....	334,769,338
Transfer and other passengers.....	243,354,988

MONEY SPENT IN THE NATIONAL CAMPAIGN OF 1912.

From statements filed with the secretary of the United States senate and the clerk of the house of representatives it appears that a total of \$3,050,335 was spent by the various national party committees in the primary and electoral campaigns of 1912. This amount does not include money expended by state committees or individuals in the contest for the nomination and election of federal officials. The aggregate has been estimated at about \$6,000,000. The sums reported as spent by the national committees were:

CALUMET & SOUTH CHICAGO RAILWAY COMPANY.

Balance sheet, Jan. 31, 1912.

ASSETS.

Value of Properties—Value as	
stated by traction valuation	
commission, Feb. 1,	
1908.....	\$5,000,000.00
Certificates issued by board	
of supervising engineers.....	3,914,566.78
Total value of properties.....	\$8,914,566.78
Current assets.....	235,825.56
Total.....	9,150,392.34

LIABILITIES.

Capital—Representing purchase price of	
the properties in accordance with the	
terms of the city ordinance.....	\$8,914,566.78
Reserve for damages.....	4,673.86
Renewal and depreciation reserve fund.....	18,742.54
Liability of gross receipts for subsequent	
years for deficit in net receipts for the	
years ended Jan. 31, 1909, 1910 and 1911	212,409.16

Total.....	9,150,392.34
Receipts—Passenger cars.....	\$960,158.86
Chartered cars.....	435.80
Funeral cars.....	3,733.23
Newspaper cars.....	1,380.00
Express car earnings.....	1,349.03
Mail carriers.....	1,209.00
Advertising.....	5,383.67
Rent of land and buildings.....	10,694.43
Rent of tracks.....	14,573.76
Sale of power.....	28,885.34
Miscellaneous.....	40.69
Interest on deposits.....	3,057.49
Interest on notes receivable.....	14.15

Gross receipts.....	1,030,915.50
Expenses—Maintenance of way and struc-	
tures.....	\$31,433.16
Maintenance of equipment.....	112,127.55
Renewals.....	36,069.09

Operation of power plants and purchased	
power.....	125,944.56
Operation of cars.....	303,035.91
General expenses.....	79,302.72
Taxes.....	38,212.73

Total operating expenses.....	721,625.72
Net receipts from operation.....	309,289.78
From which deduct interest on capital	
invested at 5%.....	415,706.68
Net receipts (deficit).....	106,416.90

OPERATING STATISTICS.

Miles of track owned (single).....	108.23
Gross earnings.....	\$1,030,915.50
Wages paid to employes.....	\$640,831.12
Average number of employes.....	346
Total passengers carried.....	28,034,425
Cash passengers.....	19,264,496
Transfer and other passengers.....	5,769,929

OTHER STATISTICS.

GROSS EARNINGS BY	CITY'S SHARE OF RE-
YEARS.*	CEIPTS.
1908.....	\$18,223,094.31
1909.....	19,580,351.74
1910.....	22,832,882.64
1911.....	25,155,629.89
1912.....	28,898,887.93

*Year ending Jan. 31.

Democratic party.....	\$1,134,848
Republican party.....	1,092,699
Progressive party.....	665,500
Other parties.....	157,288

Total.....3,050,335

The amount spent in the nomination and election of candidates for the national house of representatives was placed at \$1,283,257. This of course, does not apply to the expenses falling upon the taxpayers for holding the election themselves.

SOUTH SHORE LAKE FRONT DEVELOPMENT AND FIELD MUSEUM SITE.

A contract was entered into March 30, 1912, between the Illinois Central Railroad company and the South park commissioners in order to enable the park commissioners to carry out the development of the shore of Lake Michigan between Grant and Jackson parks, as proposed in the plan of Chicago, which plan was originated by the Commercial club of Chicago and committed by the city council to the Chicago plan commission for development.

The south shore plan enables the new Field Museum of Natural History to be located downtown, where it will be easily accessible to all, facing north on the new widened 12th street at its intersection with South Park avenue extended and overlooking Grant park. The necessary authority having been granted by the United States government, on Oct. 19, 1912, work was begun on the breakwaters and the filling in of land east of the Illinois Central station for the early erection of the Field Museum.

The park plan provides for the creation of approximately 1,500 acres of park space along Chicago's lake front, beginning at Grant park in the center of the city, by the filling in first, of a strip of shore land approximately 300 feet wide, facing the open lake, this strip to extend solidly to connect with Jackson park on the south. The strip is to be planted with trees and given informal landscape treatment with flowers and shrubs growing throughout its extent. Along this shore will run a watercourse, approximately 500 feet wide, for small craft, for sailboats, motor boats, canoes and racing shells. Beyond the watercourse, built to protect it and provide safety and shelter to pleasure craft, will be an island, approximately 700 feet wide, and extending from Grant to Jackson parks, planted with trees, having a shore driveway and winding walks, and, under the proposed plan, providing frequent bathing beaches for the city's summer multitudes, as well as athletic grounds, baseball fields, running tracks, tennis courts, football fields, a stadium and a public gym-

nasium.

This agreement, made March 30, 1912, between the South park commissioners and the Illinois Central Railroad company, provides for the acquiring by the park commissioners of the riparian rights attaching to the land lying between Grant and Jackson parks; for the establishment of a specified permanent boundary line dividing the railroad property from the submerged lands to be acquired by the park commissioners; for the construction of specified viaducts over the railroad tracks; for the extension of South Park avenue north over the railroad tracks to connect with Grant park at 12th street; for the removal of the 12th street station to land south of the new widened 12th street extended to the lake shore; for the transfer of all land east of Michigan avenue and north of 12th street, as far as the present southern boundary of Grant park, to the park commissioners for park purposes; for the transfer to the railroad company of certain specified lands for right of way, and for various other minor agreed changes in present conditions. This agreement was ratified, in accordance with law, by Judge Lockwood Honore of the Circuit court July 10, 1912.

The contract was modified by a supplemental agreement, signed June 26, 1912, which provides for a reduction in the land granted the railroad for right of way; for depression of roadbed; for prohibition of buildings (except switch towers and platform passenger stations) upon the right of way between 29th and 51st streets, in order to permit an unobstructed view of the lake; for a prohibition upon the use of the additional right of way until the railroad company arranges for the operating of four tracks by motive power other than steam (which is designed to encourage the electrification of the road); for specified viaducts over right of way; for widening and relocation of Indiana avenue; and for specified widening of Michigan avenue between 12th and 13th streets.

ILLINOIS STATE ASSOCIATIONS.

Anti-Saloon League—President, Alfred Capps, Jacksonville; secretary, W. B. Millard, Morgan Park; headquarters, 1200 Security building, 189 West Madison street, Chicago.

Bankers' Association—President, John D. Phillips, Green Valley; secretary, R. L. Crampton, Chicago.

Bar Association—President, Harry Higbee, Pittsfield; secretary, John F. Vought, Chicago.

Civil Service Association—President, Charles L. Capen, Bloomington; secretary, Herbert E. Fleming, 924, 140 South Dearborn street, Chicago.

Equal Suffrage Association—President, Mrs. George W. Trout, Oak Park; corresponding secretary, Mrs. Bertram W. Sippy, Chicago.

Federation of Women's Clubs—President, Mrs. Minnie Starr Grainger; corresponding secretary, Mrs. John G. Swinson, 2835 Millard avenue, Chicago.

Humane Society—President, John L. Shortall; secretary, George A. H. Scott; office, 1145 South Wabash avenue, Chicago.

Illinois Conservation Association—President, R. R. McCormick, Chicago; secretary, Franklin A. Dean, Chicago.

Illinois Tax Reform Association—President, Herbert Miller, Chicago; secretary-treasurer, Maxwell Edgar, Chicago.

Manual Arts Association—President, F. M. Leavitt, Chicago; secretary-treasurer, A. C. Newell, Normal.

Mayors' Association—President, William H. Stolte, Chicago Heights; secretary, Arthur G. Brown, Rockford.

National Civic Federation (Illinois branch)—President, Dr. Abram W. Harris, Evanston; corresponding secretary, Donald R. Richberg, Chicago.

Postmasters' Association—President, D. A. Campbell, Chicago; secretary, H. D. Hemmens, Elgin.

Press Association—President, George W. Hughes, Clinton; secretary, J. M. Page, Jerseyville.

State Historical Society—President, Clark E. Carr, Galesburg; secretary-treasurer, Mrs. Jessie Palmer Weber, Springfield.

State Library Association—President, J. C. M. Hanson, Chicago; secretary, F. K. W. Drury, Urbana.

State Medical Association—President, Dr. L. H. Nickerson, Quincy; secretary, Dr. E. W. Weiss, Ottawa.

Woman's Christian Temperance Union—President, Miss Helen L. Hood, Chicago; corresponding secretary, Mrs. Ephra Marshall, Abingdon.

PROHIBITION IN WEST VIRGINIA.

At the election of Nov. 5, 1912, there was submitted to the voters of the state of West Virginia an amendment to the constitution prohibiting the manufacture and sale of intoxicants after July 1, 1914. The vote was as follows:

For the amendment.....	164,945
Against the amendment.....	72,603
Majority for.....	92,342

WEDDING ANNIVERSARIES.

First—Cotton.
Second—Paper.
Third—Leather.
Fifth—Wooden.

Seventh—Woolen.
Tenth—Tin.
Twelfth—Silk and fine linen.

Fifteenth—Crystal.
Twenty—China.
Twenty-fifth—Silver.
Thirtieth—Pearl.

Fortieth—Ruby.
Fiftieth—Golden.
Seventy-fifth—Diamond.

CHICAGO AT A GLANCE.

Fort Dearborn established.....1803
 Fort Dearborn massacre.....Aug. 15, 1812
 Chicago surveyed and platted.....1830
 Cook county organized.....1831
 Town of Chicago incorporated.....August, 1833
 City of Chicago incorporated.....March 4, 1837
 First election held.....March 31, 1837
 First railroad opened.....1843
 Cholera epidemic.....1854
 Serious money panic.....1857
 Great fire (loss \$200,000,000).....Oct. 8-9, 1871
 Second financial panic.....1873
 City incorporated under general law.....April 23, 1875
 Savings bank crash.....1877
 World's Fair held.....1893
 Centennial celebrated.....Sept. 26-30, 1903
 Iroquois theater fire.....Dec. 30, 1903

Population in 1912 (estimated)—2,381,700.
 Appropriations, all purposes (1912)—\$71,585,408.78.
 Area in square miles—191.325.
 Assessed value real estate and personal property (1912)—\$767,089,696.
 Asylums—104.
 Banks, national, state and private—133.
 Boulevards, mileage of—48.
 Building permits issued (1911)—11,106.
 Buildings erected (1911), value of—\$105,269,700.
 Cemeteries, number of—51.
 Churches, chapels and missions—1,138.
 Clearings by associated banks (1911)—\$13,925,709,802.70.
 Convents and monasteries—37.
 Dispensaries—25.
 Dishes collected on imported merchandise (1911)—\$10,131,150.12.
 Elevation—Above sea level, 582 feet; above lake Michigan, 25 feet.
 Employees on city pay rolls (1911)—23,926.
 Firemen, number of, including officers—1,948.
 Fire alarm boxes—1,950.
 Fireboats—6.
 Fire engines, number—126.

Fire hydrants, number—24,897.
 Fire cisterns—115.
 Fire hook and ladder companies—34.
 Halls (except theaters)—460.
 Hospitals—79.
 Imports of merchandise (1911)—\$28,089,068.
 Internal revenue collected in Chicago district (1911)—\$12,152,064.72.
 Latitude—N. 41 deg. 53 min. 6 sec.
 Lawyers, number of (1912)—5,262.
 Length of city, north to south, miles—25½.
 Libraries—22.
 Lights, electric, in service—13,259.
 Lights, gas, in service—17,416.
 Lights, gasoline, in service—7,319.
 Longitude—87 deg. 38 min. 1 sec. west.
 Mail, pieces of, handled, fiscal year 1912—1,693,935,272.
 Manufactures in 1909, value of product—\$1,281,313,000.
 Medical schools—35.
 Newspapers and periodicals—740.
 Parks, area of, in acres—4,428.
 Policemen, number of, including officers—4,926.
 Postal receipts, year ended June 30, 1912—\$20,806,095.77.
 Pupils enrolled in public schools (1912)—307,281.
 Railroads (divisions not included) entering Chicago—27.
 Saloons, number of (Dec. 1, 1912)—7,152.
 Schools, public, number of (not including branches)—238.
 Street, longest (Western avenue), miles—23½.
 Street railway mileage—1,350.
 Streets and alleys, improved, miles—1,800.
 Streets and alleys, unimproved, miles—2,921.
 Streets and alleys, total mileage—4,399.
 Teachers in public schools, number of—6,740.
 Theaters, all kinds—745.
 Tonnage of vessels cleared in 1910—8,859,007.
 Value (actual) of real estate and personal property, 1912—\$2,301,269,088.
 Water used in a year (1911), gallons—185,176,323,473.
 Width of city, east to west, miles—9.

PROGRESS OF CHICAGO SINCE 1850.

(For corresponding data for 1912 consult index.)

	1850.	1860.	1870.	1880.	1890.	1900.	1910.
Area.....sq.miles	14.0	17.9	35.6	35.6	179.1	190.6	191.3
Population.....	28,369	109,208	298,977	503,298	1,099,859	1,698,579	2,185,283
Valuation.....dols.	7,220,249	37,052,512	275,986,550	117,133,725	219,354,368	276,565,890	\$48,994,536
Tax levy.....dols.	25.271	373.315	4,139,799	3,899,127	9,558,335	18,394,195	23,485,539
Bonded debt.....dols.	93,395	2,336,000	11,041,000	12,752,000	13,545,400	16,328,400	26,229,642
Receipts—Flour brls.		713,348	1,766,037	3,215,389	4,338,058	9,313,591	8,006,233
Wheat.....bu.	1,687,465	14,927,083	17,394,409	23,541,607	14,248,770	48,048,298	27,540,100
Corn.....bu.	2,869,339	15,862,394	20,189,775	97,272,844	91,387,754	134,668,456	102,592,850
Total grain.....bu.	6,928,459	37,235,027	60,432,574	165,855,370	219,052,518	349,637,295	294,858,724
Cattle.....No.			532,964	1,382,477	3,484,280	3,039,206	3,052,958
Shipments—							
Flour.....brls.	100,871	698,132	1,705,977	2,862,737	4,134,536	7,396,697	7,038,351
Wheat.....bu.	883,644	12,402,197	16,432,585	22,796,288	11,975,276	36,649,956	18,679,100
Corn.....bu.	262,013	13,709,113	17,777,377	93,572,534	90,574,379	111,099,653	78,623,100
Total grain.....bu.	1,830,968	31,109,759	54,745,903	164,377,115	204,674,918	265,552,246	214,601,080
Hogs packed.....No.	20,000	151,389	688,149	4,680,637	4,473,467	7,119,440	5,161,552
Imports, value, dols.				6,955,234	15,406,786	15,441,320	28,281,331
Vessel arrivals, tons			3,049,265	4,616,969	5,138,253	7,044,995	9,439,074
Clearances, tons			2,983,942	4,537,382	5,150,665	7,141,105	9,470,572
Manufactures, value							
.....dols.		20,000,000	92,518,742	249,022,948	664,567,927	888,945,311	\$1,281,313,000
Bank clearings, dols.			810,676,036	1,725,684,894	4,093,145,904	6,799,585,598	13,939,689,984.43
Internal revenue collections, dols.			8,395,132	8,936,615	13,518,996	13,391,410	11,652,567.87
National bank deposits, dols.			16,774,514	64,764,000	105,785,470	231,386,146	403,941,474
State bank deposits, dols.				1,446,014	41,670,296	158,238,138	430,468,405
Postoffice repts., dols.			1,071,842		3,318,959	7,063,704	18,502,854
Water used per day							
.....gals.	590,000	4,703,525	21,766,260	57,384,376	152,372,288	322,599,630	517,117,000
Pipe.....miles	30.0	91.0	272.4	455.4	1,205.0	1,872.0	2,272
Revenue.....dols.		131,162	539,180	865,618	2,109,508	3,250,481	5,685,006
Policemen.....No.	9	100	274	473	1,900	2,800	4,260
Schools.....No.	7	14	59	73	238	329	329
Teachers.....No.	35	123	573	898	2,711	5,321	6,383
Pupils.....No.	3,000	14,199	40,832	59,562	135,541	265,861	300,893

*One-third of full value. †In 1909.

POINTS OF INTEREST IN AND ABOUT CHICAGO.

NORTH SIDE.

Academy of Sciences museum in Lincoln park.
Cemeteries—Graceland, Rosehill, Calvary.
Fort Sheridan, near Highwood.
Grant, Lincoln, Schiller, Goethe and other monuments in Lincoln park.
Historical society library and collection, Dearborn avenue and Ontario street.
Lake Shore drive.
Lincoln park conservatories and zoo.
Newberry library, Clark street and Walton place.
Northwestern university in Evanston.
Waterworks, Chicago avenue, near Lake.

SOUTH SIDE.

Armour Institute of Technology, 3300 Armour avenue.
Art institute galleries of paintings, sculptures and art collections; on the lake front, foot of Adams street.
Auditorium tower, Wabash avenue and Congress street; view of city.
Blackstone branch library, Lake avenue and 49th street.
Board of trade, LaSalle street and Jackson boulevard; admission to gallery.
Cañokia courthouse on Wooded island in Jackson park.
Caravels in Jackson park.
Central Trust Company building, interior mural decorations, 125 West Monroe street.
Chamber of Commerce building (interior), LaSalle and Washington streets.
Chicago Normal school, 68th street and Stewart avenue.
Confederate monument in Oakwoods cemetery.
County building, Clark and Randolph streets.
Crerar library, 106 North Wabash avenue, 6th floor.
Douglas monument, 35th street and Ellis avenue.
Drexel, Grand and 55th Street boulevards.
Field museum in Jackson park.
Fire tablet (1871), 137 DeKoven street.
Fort Dearborn site tablet, River street, opposite Rush street bridge.
Grand Army hall in public library building, Randolph street and Michigan avenue.
Indian trail tree, near Glencoe.
Iroquois theater fire, scene of, 28-30 West Randolph street; memorial tablet by Lorado Taft in Iroquois Memorial hospital, 28 North Market street.
Jackson park, site of World's Fair in 1893.
Life saving station at mouth of Chicago river.
Lincoln wigwam tablet, Market and Lake streets.
Logan statue in Grant park (lake front).
Marquette building sculpture panels, Dearborn and Adams streets.
Marquette-Joliet cross, Robey street and drainage canal.
Masonic Temple: view of city from roof.
Massacre monument in 18th street near the lake.
Midway plaisance.
Montgomery Ward tower, Michigan avenue and Madison street; view of city.
McKinley statue in McKinley park.
Orchestra hall, 216-220 South Michigan avenue.
Postoffice, on square bounded by Adams, Clark and Dearborn streets and Jackson boulevard.
Public library, Michigan avenue and Washington street.
Pullman, suburb and manufactory.
South Water street; commission house district.
State street department stores; shopping district.
Stockyards, Halsted and Root streets.
University of Chicago quadrangles, Ellis avenue and 58th street.
Washington statue, Grand boulevard and 51st street.
Wendell Phillips high school, Prairie avenue and 39th street.
Wooded island in Jackson park.

WEST SIDE.

Ashland, Humboldt, Washington and Garfield boulevards.
Douglass park.
Drainage canal.

Garfield park.

Ghetto district on South Canal, Jefferson and Maxwell streets; fish market on Jefferson street from 12th to Maxwell.

Haymarket square, Randolph and Desplaines streets; scene of anarchist riot.

Hull House, 800 South Halsted street.

Humboldt park.

Humboldt, Leif Ericson, Reuter and Kosciusko monuments in Humboldt park.

Parental school, St. Louis and Berwyn avenues.

Police monument (Haymarket), in Union park.

MAYORS OF CHICAGO.

Their politics and order and year of election.

No.	NAME.	Party.	Elect. ed.	Died.
1.	William B. Ogden	Democratic	1837	1877
2.	Buckner S. Morris	Whig	1838	1879
3.	Benjamin W. Raymond	Whig	1839	1883
4.	Alexander Lloyd	Democratic	1840	1872
5.	Francis C. Sherman	Democratic	1841	1870
6.	Benjamin W. Raymond	Democratic	1842	1883
7.	Augustus Garrett	Democratic	1843	1848
8.	Alison S. Sherman	Democratic	1844	1863
9.	Augustus Garrett	Democratic	1845	1848
10.	John P. Chapin	Whig	1846	1864
11.	James Curtiss	Democratic	1847	1860
12.	James H. Woodworth	Dem.-Whig	1848	1869
13.	James H. Woodworth	Dem.-Whig	1849	1869
14.	James Curtiss	Democratic	1850	1860
15.	Walter S. Gurnee	Democratic	1851	1903
16.	Walter S. Gurnee	Democratic	1852	1903
17.	Charles M. Gray	Democratic	1853	1888
18.	Isaac L. Milliken	Democratic	1854	1889
19.	Levi D. Boone	Knownothing	1855	1882
20.	Thomas Dyer	Democratic	1856	1862
21.	John Wentworth	Rep.Fusionist	1857	1888
22.	John C. Haines	Republican	1858	1886
23.	John C. Haines	Republican	1859	1886
24.	John Wentworth	Republican	1860	1883
25.	Julius S. Ramsey	Democratic	1861	1886
26.	Francis C. Sherman	Democratic	1862	1870
27.	Francis C. Sherman	Democratic	1863	1870
28.	John B. Rice	Republican	1865	1874
29.	John B. Rice	Republican	1867	1874
30.	Roswell B. Mason	People's	1869	1892
31.	Joseph Medill	Citizens'	1871	1899
32.	Harvey D. Colvin	People's	1873	1892
33.	Thomas Hoyne	Republican	1875	1884
34.	Monroe Heath	Republican	1876	1894
35.	Monroe Heath	Republican	1877	1894
36.	Carter H. Harrison, Sr.	Democratic	1879	1893
37.	Carter H. Harrison, Sr.	Democratic	1881	1893
38.	Carter H. Harrison, Sr.	Democratic	1883	1893
39.	Carter H. Harrison, Sr.	Democratic	1885	1893
40.	John A. Roche	Republican	1887	1904
41.	DeWitt C. Cregier	Democratic	1889	1898
42.	Hemstead Washburne	Republican	1891	1891
43.	Carter H. Harrison, Sr.	Democratic	1893	1893
44.	John P. Hopkins	Democratic	1893	1893
45.	George B. Swift	Republican	1895	1912
46.	Carter H. Harrison, Jr.	Democratic	1897	1897
47.	Carter H. Harrison, Jr.	Democratic	1899	1899
48.	Carter H. Harrison, Jr.	Democratic	1901	1901
49.	Carter H. Harrison, Jr.	Democratic	1903	1903
50.	Edward E. Dunne	Democratic	1905	1905
51.	Fred A. Busset	Republican	1907	1907
52.	Carter H. Harrison, Jr.	Democratic	1911	1911

*Two-year terms for mayor began in 1863. †Fire-Proof ticket. ‡Four-year term for mayor began in 1907.

CHICAGO FIRE DEPARTMENT CHIEFS.

Alex. Lloyd	1837-1838	S. McBride	1855-1857
A. Calhoun	1839	D. J. Swenice	1853-1901
L. Nicholl	1840	U. P. Harris	1859-1867
A. Sherman	1841-1843	R. A. Williams	1867-1873
S. F. Gale	1844-1846	Matt. Benner	1873-1879
C. E. Peck	1847-1848	D. J. Swenice	1879-1901
A. Gilbert	1849	Wm. H. Musham	1901-1904
C. P. Bradley	1850-1851	John Campion	1904-1906
U. P. Harris	1852-1853	James Horan	1906-1910
J. M. Donnelly	1854	C. F. Seyferlich	1910-

CHICAGO CITY OFFICIALS.



Daily News Photo
WILLIAM H. SEXTON,
 Corporation Counsel.



Matsene Photo
JOHN E. ERICSON,
 City Engineer.



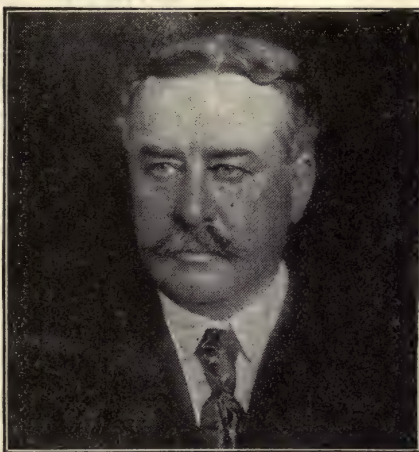
Matsene Photo
FRANCIS D. CONNERY,
 City Clerk.



Brand Photo
LAWRENCE E. M'GANN,
 Public Works Commiss'r.



Daily News Photo
JOHN E. TRAEGER,
 Comptroller.



Matsene Photo
CARTER H. HARRISON,
 Mayor.



Rembrandt Photo
HENRY STUCKART,
 City Treasurer.



HARRY OLSON,
 C. J. Municipal Court.



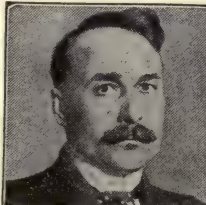
Stein Photo
RAY PALMER,
 City Electrician.



Koehne Photo
JAMES A. QUINN,
 Oil Inspector.



Daily News Photo
WILLIAM J. MCCOURT,
 Supt. Water Bureau.



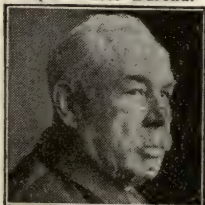
J. L. WHITMAN,
 Supt. House of Correct'n.



Daily News Photo
DR. GEO. B. YOUNG,
 Commissioner of Health.



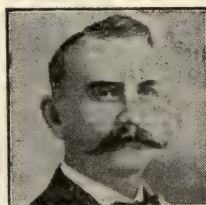
Daily News Photo
JOHN M'WEENY,
 Chief of Police.



Daily News Photo
CHAS. F. SEYFERLICH,
 Fire Marshal.



Cover's Photo
N. L. PIOTROWSKI,
 City Attorney.



FRANK W. SOLON,
 Supt. of Streets.

CHICAGO CITY OFFICIALS.

Heads of departments, assistants, chief clerks and other employees. Their offices unless otherwise specified are open from 9 a. m. to 5 p. m.

MAYOR'S OFFICE.

Room 507, city hall. Hours 9:30 a. m. to 1 p. m.

Mayor—Carter H. Harrison, D.

Private Secretary—Charles C. Fitzmorris, D.

Duties—The mayor presides over meetings of the city council, approves or vetoes the acts of that body, appoints all nonelective city officials, sees that all the laws and ordinances are faithfully executed, issues and revokes licenses and exercises a general supervision over all the various subordinate departments of the city government.

THE CITY COUNCIL (1912-1913).

Presiding Officer—Mayor Carter H. Harrison.

City Clerk—Francis D. Connery.

Chief Clerk—Edward J. Padden.

Sergeant-at-Arms—William H. Brown.

Total membership of council, 69; democrats, 45; republicans, 24.

WARD.

ALDERMEN.

1. Michael Kenna, D. 307 South Clark street
2. John J. Coughlin, D. 17 North LaSalle street
3. Geo. F. Harding, Jr., R. 504, 117 N. Dearborn
4. Albert B. Tearney, D. 59 West Adams street
5. Hugh Norris, R. 3638 South 5th avenue
6. Si Mayer, D. 4603 South Michigan avenue
7. Joseph F. Ryan, D. 524 West 25th place
8. John A. Richert, D. 2603 South Halsted street
9. Patrick J. Carr, D. 3521 South Western avenue
10. Charles Martin, D. 3635 Emerald avenue
11. Theodore K. Long, R. 4823 Kimbark avenue
12. Willis O. Nance, R. 6213 Hubbard avenue
13. John H. Helwig, R. 7129 South Chicago avenue
14. John R. Emerson, D. 2665 East 77th street
15. Ernest M. Cross, R. 10290 Avenue L
16. Chas. E. Reading, D. 11520 S. Michigan avenue
17. Eugene Block, D. 9311 Evans avenue
18. Frank Klaus, D. 1726 South Center avenue
19. Frank J. Vavrick, D. 1720 Loomis street
20. E. F. Cullerton, D. 510 Reaper block
21. Frank W. Bewersdorf, D. 2103 S. Western-av.
22. William F. Schultz, D. 2659 West 22d place
23. Anton J. Cermak, D. 705, 139 N. Clark street
24. Thomas J. Ahern, D. 214 South Kedzie avenue
25. Frank McDonald, D. 2851 West Congress street
26. James H. Lawley, R. 1925 West Chicago avenue
27. J. Edward Clancy, D. 1104 Ashland block
28. Henry Uptatel, R. 408 Chamber of Com. bldg.
29. Albert W. Belfuss, R. 778 Milwaukee avenue
30. Stanley H. Kunz, D. 1349 Noble street
31. John Czekala, D. 1837 Evergreen avenue
32. Lewis D. Sitts, R. 19 East South Water street
33. Stanley S. Walkowiak, D. 1317, 139 N. Clark-st.
34. John J. Brennan, D. 716 West Madison street
35. John P. Stewart, R. 105 West Adams street
36. William J. Healy, R. 11, 716 W. Madison street
37. John Powers, D. 1284 Macallister place
38. James B. Bowler, D. 1223 Taylor street
39. Dennis J. Egan, D. 624 West 18th street
40. Hugo L. Pitte, D. 404, 25 North Dearborn street
41. Ellis Geiger, D. 306, 7 West Madison street
42. James F. Burns, R. Title and Trust building
43. Y. J. Schaeffer, D. 1841 North Halsted street
44. John H. Bauler, D. 515 West North avenue
45. Jacob A. Hey, R. 2050 North Halsted street
46. John Kjellander, R. 3640 Evanston avenue
47. August Krumholz, D. 1662 Fullerton avenue
48. John Haderlein, D. 1901 Wellington street
49. Henry D. Capitain, R. 175 N. Wabash avenue
50. Charles M. Thomson, R. 1000, 76 W. Monroe-st.
51. William F. Lipps, R. 2180 Wilson avenue
52. George Pretzel, R. 5049 Evanston avenue
53. Jens N. Hyldahl, D. 2448 Monticello avenue
54. Frank J. Wilson, D. 822 Schiller building
55. Harry E. Littler, R. 121 Ann street
56. Charles Twigg, D. 2518 Pleasant place
57. Felix B. Janovsky, D. 1824 West 45th street
58. Frank McDermott, D. 1552 West 5th street
59. Michael McInerney, D. 4541 Lowe avenue
60. Joseph A. Swift, D. 5428 South Halsted street
61. James A. Kearns, R. 5510 Lafayette avenue
62. Henry P. Bergen, D. 6252 South Ashland avenue
63. Albert J. Fisher, R. 219 West 72d street
64. Melville G. Holding, D. 127 N. Dearborn street

33. Irwin R. Hazen, R. 508 Title and Trust building
34. Geo. H. Bradshaw, R. 661 Washington boulevard
35. William F. Ryan, D. 504 Sherman street
36. John Toman, D. 4141 West 21st place
37. James Donahoe, D. 1606 Ashland block
38. *Elected member sanitary board, Nov. 5, 1912.
39. †Elected bailiff Municipal court, Nov. 5, 1912.

STANDING COMMITTEES (1912-1913).

- Finance—Richert, Harding, Emerson, Reading, Cermak, Lawley, Belfuss, Sitts, Egan, Krumholz, Lipps, Wilson, Twigg, Kearns, Ryan (34th), Meets Fridays, 2 p. m.
- Local Transportation—Block, Richert, Carr, Long, Schultz, Clancy, Healy, Stewart, Capitain, Lipps, Hyldahl, Twigg, Bergen, Fisher, Donahoe. Meets Wednesdays, 2 p. m.
- Harbors, Wharves and Bridges—Littler, Kenna, Ryan (4th), Long, Nance, Emerson, Czekala, Brennan, Geiger, Bauler, Hey, Thomson, Holding, Hazen, Ryan (34th). Meets Tuesdays, 2 p. m.
- Gas, Oil and Electric Light—Cermak, Ryan (4th), Long, Block, Vavrick, Belfuss, Sitts, Walkowiak, Stewart, Bowler, Hey, Haderlein, Twigg, Janovsky, Kearns. Meets Thursdays, 2 p. m.
- Local Industries—Fisher, Mayer, Carr, Klaus, Cullerton, Schultz, McDonald, Lawley, Sitts, Schaeffer, Krumholz, Pretzel, Wilson, McDermott, Bergen. Meets Tuesdays, 2 p. m.
- Judiciary, State Legislation, Elections and Rules—Donahoe, Mayer, Helwig, Bewersdorf, Ahern, Uptatel, Walkowiak, Powers, Pitte, Bauler, Kjellander, Capitain, Hyldahl, McInerney, Holding, Hazen, Toman. Meets Fridays, 2 p. m.
- Streets and Alleys, Taxation and Street Nomenclature—Healy, Kenna, Cross, Klaus, McDonald, Uptatel, Kunz, Egan, Hey, Haderlein, Pretzel, McDermott, Swift, Holding, Toman. Meets Mondays, 2 p. m.
- License—Ryan (34th), Norris, Tearney, Ryan (4th), Cross, Vavrick, Cermak, Ahern, Uptatel, Bowler, Pitte, Burns, Krumholz, Janovsky, Bradshaw. Meets Thursdays, 3:30 p. m.
- Buildings and City Hall—Thomson, Coughlin, Tearney, Carr, Helwig, Klaus, Bewersdorf, Clancy, Walkowiak, Powers, Kjellander, Lipps, Hyldahl, Littler, Swift. Meets Mondays at 3:30 p. m.
- Schools, Fire, Police and Civil Service—Geiger, Kenna, Harding, Mayer, Richert, Martin, Helwig, Block, Vavrick, Bewersdorf, Czekala, Burns, McInerney, Bradshaw, Toman. Meets Tuesdays, 11 a. m.
- Health—Nance, Coughlin, Norris, Tearney, Martin, Cullerton, Ahern, Lawley, Kunz, Brennan, Schaeffer, Pretzel, McDermott, McInerney, Bradshaw. Meets Wednesdays, 2 p. m.
- Water—Wilson, Coughlin, Norris, Cross, Kunz, Brennan, Powers, Egan, Stewart, Burns, Schaeffer, Kjellander, Thomson, Littler, Swift. Meets Thursdays, 3:30 p. m.
- SELECT COMMITTEES (1912-1913).
- Track Elevation—Janovsky, Fisher, Emerson, Kearns, Reading, Donahoe, Bauler, Nance, Czekala. Meets Wednesdays, 3:30 p. m.
- Compensation—Reading, Ryan (34th), Belfuss, Lipps, Harding, Krumholz. Meets Fridays, 11 a. m.
- Bathing Beaches and Recreation Piers—Long, Geiger, Pitte, Healy, Bowler. Meets Fridays, 3:30 p. m.
- Special Park Commission—Alds, Belfuss, Harding, Schultz, Capitain, Hazen, Cullerton, Haderlein, McDonald, Clancy, Martin and Bergen.
- Messrs. Oscar F. Mayer, Jens Jensen, Frank P. Danisch, Cyril Fiala, Paul Drzymalski, Charles L. F. Richter, Francis T. Simmons, William Klacek, Peter S. Goodman, F. A. Lindstrand, Samuel J. Rosenblatt, George Landau, Rev. Julius Rappaport, Charles Block, Joseph Donnersberger and James B. McPatrick. Meets Wednesdays, 10:30 a. m.
- Meetings—Regular meetings of the council are held every Monday at 7:30 p. m., except when otherwise ordered at a regular meeting.
- Duties—In a general way the duties of the board of aldermen are to enact ordinances for the government of the city, levy and collect taxes, make appropriations, regulate licenses, etc. The matters coming under the jurisdiction of the council

are indicated by the names of the committees given above.

NOTE—The fact that there are three aldermen in some wards and only one in others is due to the redistricting ordinance of 1911. After the election of 1913 there will be two aldermen for each of the wards throughout the city.

CITY CLERK'S OFFICE.

City hall, first floor, south end.

City Clerk—Francis D. Connery.

Chief Clerk to City Clerk—E. J. Padden, D.

Duties—The city clerk keeps the corporate seal and all papers belonging to the city. He attends the meetings of the council and keeps a record of the proceedings. All city licenses are issued through his office.

CITY TREASURER'S OFFICE.

City hall, second floor.

Hours—10 a. m. to 3 p. m.

City Treasurer—Henry Stuckart, D.

Assistant—J. Lindheimer.

Chief Clerk—Albert J. Keefe.

Duties—The treasurer receives all moneys belonging to the corporation, deposits the funds in bank, keeps separate accounts of each fund or appropriation, pays warrants, receives fines and renders monthly accounts of the condition of the treasury to the council. The city treasurer is also treasurer of the following pension funds: Firemen's, public school teachers', public library employees', public school employees', house of correction and municipal employees'.

CITY COMPTROLLER'S OFFICE.

Room 501 city hall.

Comptroller—John E. Traeger, D.

Deputy Comptroller—Louis E. Gosselin, D.

Chief Clerk—C. J. O'Connor.

Duties—The comptroller is at the head of the department of finance, of which the treasurer and collector are also members. He is charged with a general supervision over all the officers of the city who take in or pay out city money. He is the fiscal agent of the city and as such has charge of deeds, mortgages, contracts, etc. He audits and settles claims, keeps a record of persons committed to the house of correction, with fines, etc.; keeps books relating to appropriations, makes the annual estimates, signs warrants upon the city treasury, etc.

PAYMASTER'S BUREAU.

Room 503 city hall.

Paymaster—John L. Healy.

Duties—The city paymaster has immediate charge of paying the salaries of city employees, including school teachers and library employees.

CITY COLLECTOR'S OFFICE.

City hall, first floor.

City Collector—Edward Cohen, D.

Deputy City Collector—J. F. McCarty.

Duties—The city collector collects all license fees, fees for inspections and permits, compensation for franchisees and vehicle tax; collects on special assessment warrants; transmits such payments to city treasurer daily, receipts for which are filed with the city comptroller.

CORPORATION COUNSEL'S OFFICE.

Room 511 city hall.

Corporation Counsel—William H. Sexton, D.

Assistants—Bryan Y. Craig, Lee D. Mathias, John W. Beckwith, William Dillon, Nicholas Michels,

Charles M. Haft, Edward T. Wade, Patrick W. Sullivan, James G. Skinner, Henry A. Berger,

Leon Hornstein, S. Crawford Ross, A. L. Gettys,

John F. Power, J. J. Viterna, Max M. Korshak,

George L. Reker, Frank T. Huenig, S. A. T. Watkins, Otto C. Bruhlman, Harry J. Ganey, J. F. Grossman, James J. St. Lawrence, Dwight MacKay, Howard F. Bishop, Loring R. Hoover.

Assistant Corporation Counsel and Attorney Board

Local Improvements—Philip J. McKenna.

Assistant Corporation Counsels and Assistant Attorneys Board Local Improvements—George P. Fos-

ter, D. J. Normoyle, Eugene H. Dupee.

Assistant Corporation Counsel and Attorney Fire Department—(Vacancy).

Secretary to the Corporation Counsel—A. J. Callaghan.

Duties—The corporation counsel superintends and, with the assistance of the prosecuting and city attorneys, conducts all the law business of the city; draws the leases, deeds and other papers connected with the finance department and all contracts for any of the other departments of the corporation; drafts such ordinances as may be required of him by the city council or its committees and furnishes written legal opinions upon subjects submitted to him by the mayor or the city council or any department of the city government.

CITY ENGINEER'S OFFICE.

City hall, fourth floor.

City Engineer—John Ericson, C. E.

Assistant City Engineer—H. S. Baker.

Chief Clerk—W. J. Roach.

Duties—The city engineer has charge of the construction of bridges, viaducts and waterworks and performs all such services for the commissioner of public works as require the skill and experience of a civil engineer.

IN CHARGE OF DIVISIONS.

Construction—Henry W. Clausen.

Operation—Henry A. Allen.

Water Pipe Extension—H. L. Lucas.

Repairs and Shop—F. Miller.

Designing—K. Lehmann.

Inspection and Testing—H. C. Parkes.

Bridges and Viaducts—A. J. Hammond.

Harbor Master—Thomas Moynihan.

Water Meter Shops—F. D. Anderson.

BOARD OF SUPERVISING ENGINEERS—CHICAGO TRACTION.

105 South LaSalle street.

Secretary—Lucius H. Davidson.

BOARD NO. 1.

Chairman—Blon J. Arnold.

Representing City of Chicago and Engineer for

Board—George Weston.

Representing Chicago City Railway Company and

Southern Street Railway Company—Harvey B. Fleming.

Representing Chicago Railways company—John Z. Murphy.

BOARD NO. 2.

Chairman—Blon J. Arnold.

Representing City of Chicago and Engineer for

Board—George Weston.

Representing Calumet and South Chicago Railway

Company—A. L. Drum.

BUREAU OF WATER.

City hall, first floor.

Superintendent—William J. McCourt.

Accountant—James J. Dunn.

Chief Clerk—John C. Schubert.

Cashier—Otto A. Dieler.

Water Assessor—Thomas H. Byrne.

Field Assessor in Charge—J. J. Ward.

Duties—The superintendent of water has special charge of the assessment and collection of water rates.

BUREAU OF STREETS.

Room 408 city hall.

Superintendent—Frank W. Solon, D.

First Assistant Superintendent—Patrick McCarthy.

Second Assistant Superintendent—W. J. Galligan.

Third Assistant Superintendent—Walter G. Leininger.

Duties—The superintendent of streets performs such duties as are required of him by the commissioner of public works or the ordinances of the city. He has special charge of the streets, sidewalks and public ways of the city and of the improvement and repair thereof, except where such repair or improvement is to be paid for by special assessment. The first assistant superintendent performs such duties as may be required of him by the commissioner of public works, the superintendent of streets or the city ordinances, and

acts as superintendent in the latter's absence. The second assistant superintendent has charge of the cleaning of the streets and alleys of the city, including the removal and disposition of garbage, litter, dirt, ashes, offal and other materials. He also sees that the ordinances relating to garbage, etc., are enforced and that violations thereof are reported for prosecution. The third assistant has charge of the improvement and repairs of the streets and alleys, except where such repairs or improvements are to be paid for by special assessment.

BUREAU OF SEWERS.

Room 409 city hall.

Superintendent—William E. Quinn, D.
Chief Clerk—Ed Cullerton, Jr.

Duties—The superintendent has special charge of the maintenance of sewers, including cleaning and repairing, and also of the issuance of permits for all connections.

BUREAU OF MAPS.

Room 410 city hall.

Superintendent—John D. Riley, D.

Duties—Has special charge of city maps and plats and all matters pertaining to street numbering, and is examiner of subdivisions.

BUREAU OF COMPENSATION.

Room V-15 city hall.

Superintendent—Henry V. McGurken.

Duties—Shall, under the direction of the commissioner of public works, have charge of and receive all applications for permits to use streets and alleys, or public grounds, or any space beneath the same; shall attend to all matters connected with the issuance of such permits; also act in an advisory capacity to the committee on compensation of the city council.

BOARD OF LOCAL IMPROVEMENTS.

City hall, second floor, south end.

Members—George A. Schilling, president; Frank Sima, Frank X. Rydzewski, Clayton F. Smith, Fred Burkhard.

Superintendent of Special Assessments and Secretary—Edward J. Glackin.

Engineer Board of Local Improvements—Cicero D. Hill.

Chief Engineer of Streets—John B. Hittell.

Superintendent of Sidewalks—N. E. Murray.

Chief Clerk Special Assessments—T. Sullivan.

Duties—The board of local improvements is that part of the city of Chicago government created by law for the purpose of making local improvements, the cost of which is paid by special assessments or direct taxation on the property directly and indirectly benefited. Among such local public improvements are sewers, house drains, water mains, water service pipes, sidewalks, street and alley paving and the taking of private property by condemnation proceedings for the purpose of opening, extending or widening public highways.

CITY ATTORNEY'S OFFICE.

Room 602 city hall.

City Attorney—Nicholas L. Plotrowski.

Chief Assistant City Attorney—Morton A. Mergenthelm.

Trial Attorneys—George F. Mulligan, Myer Emrich, Samuel C. Herrell, Edward J. Brindville, James R. Considine, George McMahon, Matthew J. O'Brien, Assistant Trial Attorneys—Matthew E. Clark, Michael C. Zacharias, John B. Brenza, Justin F. McCarthy and James J. O'Toole.

Appellate Court Attorney—David R. Levy.

Chief Investigator—George Self.

Supervisor of Investigations—Frank C. Sebring.

Chief Clerk—Claude Dyckman.

Docket Clerk—Joseph M. Coffey.

Duties—The city attorney keeps a register of all actions in courts of record, prosecuted or defended, in which the city may be a party, and defends all damage suits against the city. His chief duty is the defense or settlement of personal injury cases against the corporation. He may be called upon to draft ordinances for the

city council or for heads of departments. He is the attorney for the fire pension board.

PROSECUTING ATTORNEY'S OFFICE.

Room 604 city hall.

Prosecuting Attorney—James S. McInerney, D.

Chief Assistant—Edwin J. Haber.

Chief Clerk—Edward V. Peterson.

Assistants—Albert J. W. Appell, Morris Barnett, William J. Naughton, George Emmicke, Henry Eckhardt, Leroy Hackett, Abel B. Kretske, J. Henry Kraft, Otto Kerner, Ernst Langtry, Ota P. Lightfoot, Roman G. Lewis, William Navigato, John Prystalski, Walter A. Rooney, Frank C. Souhrada, U. S. Schwartz, W. J. Vavra.

DEPARTMENT OF HEALTH.

City hall, seventh floor.

Commissioner of Health—George B. Young, M. D.

Assistant Commissioner—Gottfried Koehler, M. D.

Secretary—E. R. Pritchard.

Assistant Secretary—S. F. Manning.

Chief Bureau of Vital Statistics—M. O. Heckard, M. D.

Assistant Chief Bureau of Vital Statistics—C. St.

Clair Drake, M. D.

Chief Bureau of Medical Inspection—Heman Spalding, M. D.

Assistant Chief Bureau of Medical Inspection—I.

D. Rawlings, M. D.

Assistant Chief Bureau of Medical Inspection—Hy-

man Cohen, M. D.

Chief Bureau of Sanitation—Charles B. Ball.

Assistant Chief Bureau of Sanitation—Thomas J.

Claffy.

Chief Bureau of Food Inspection—Henry Welsberg

(acting).

Assistant Chief Bureau of Food Inspection—A. E.

Armstrong (acting).

Director of Laboratory—F. O. Tonnev, M. D.

City Physician—Dr. George J. Spencer.

Duties—The commissioner of health and his assistants enforce state laws and city ordinances relating to sanitation and cause all nuisances to be promptly abated. They keep records of deaths and other vital statistics, investigate all cases of contagious diseases and take all necessary steps to prevent their spread, such as providing for vaccination, disinfection, etc.

The city physician attends to all cases in the police stations requiring medical attention.

DEPARTMENT OF PUBLIC WORKS.

Room 406 city hall.

Commissioner—Lawrence E. McGann, D.

Deputy Commissioner—J. O. Kostner, D.

Duties—The commissioner of public works is the head of the department of public works, which embraces the bureaus of engineering, streets, sewers, water, maps and plats, compensation, architecture and city hall. The commissioner of public works has special charge and superintendence, subject to the ordinances of the city, of all streets, alleys, highways, walks, bridges, viaducts, docks, wharves, public places, public landings, public grounds, markets and market places and public buildings belonging to the city; of all works for the deepening and widening or dredging of the Chicago river and its branches, and of the harbor of said city; of all sewers and works pertaining thereto; and of the waterworks and collection of water rates and fees for the use of water or for permits issued in connection with the waterworks system, and of all sewerage permits and licenses; the awarding and execution of all contracts for any work or public improvement not done by special assessment, and the letting of all contracts for coal for use of any department of the city.

BOARDS OF EXAMINERS.

Suite 1002 city hall.

BOARD OF EXAMINERS OF STATIONARY ENGINEERS.

President—Henry A. Zender.

First Vice-President—Adolph Jenczewsky.

Second Vice-President—W. J. Meiler.

Chief License Inspector—Henry G. McMahon.

Inspectors—Charles B. Christner, Samuel C. Siden-

stick.

Duties—The board of examiners of stationary engineers is appointed by the mayor. It consists of three members, all of them practical engineers and competent judges of the construction of steam boilers and engines and experienced in their operation. The board examines applicants for licenses as engineers and boiler or water tenders and issues to such applicants as are found qualified proper certificates; each certificate issued expires by limitation one year from date. An application for an engineer's license must be accompanied by a fee of \$2.00 and for a boiler tender or water tender's license by a fee of \$1.00. Applicants are required to pass by a percentage of 70 or more.

BOARD OF EXAMINERS OF PLUMBERS.

Chairman (ex officio)—Dr. George B. Young, commissioner of health.

Master Plumber—Charles J. Herbert.

Journeyman Plumber—William W. Petrie.

BOARD OF EXAMINERS OF MOVING PICTURE OPERATORS.

Chairman—Ray Palmer, city electrician.

Examiner—William H. Havill.

Secretary—Boards of Examiners—Vernon L. Bean.

Duties—The secretary of the boards of examiners is by law secretary of all the three boards enumerated above. The duties of the two boards last mentioned are sufficiently indicated by their titles. They are similar, within their scope, to those of the board of examiners of stationary engineers.

TRACK ELEVATION DEPARTMENT.

Room 1003 city hall.

Track Elevation Commissioner—Francis J. Owens, D. **Duties**—Frames ordinances for the elevation of steam surface roads in Chicago and has supervision of track elevation.

DEPARTMENT OF BUILDINGS.

Room 702 city hall.

Commissioner—Henry Ericsson, D.

Deputy Commissioner—Robert Knight.

Secretary—Peter C. Hoey.

Assistant Secretary—Harry D. Stone.

Duties—The building commissioner sees that new buildings are put up in accordance with the city ordinances, that fire escapes are provided wherever needed, that unsafe structures are demolished or repaired, that safe exits are provided in halls, theaters, etc.

DEPARTMENT OF ELECTRICITY.

Room 608 city hall.

City Electrician—Ray Palmer, D.

Chief Operator—Frank W. Swenle.

Superintendent of Construction—Harry Leser.

Chief Clerk—John E. Bradley.

Chief Electrical Inspector—Victor H. Tonsley.

Chief Gas Inspector—William D. Wilcox.

Duties—The city electrician has charge of construction and operation of the city's street lighting and substations, and the police and fire alarm telegraph systems, and the inspection of all electrical installation within the city limits.

DEPARTMENT OF SUPPLIES.

City hall, floor 3½.

Business Agent—Richard J. Reynolds, D.

Duties—The business agent buys all supplies for city departments which involve an expenditure of less than \$500. He has nothing to do with supplies used by contractors employed by the city.

BUREAU OF STATISTICS.

Room 1006 city hall.

City Statistician—Francis A. Eastman.

Assistant Statistician—Fred Rex.

Stenographer and Recorder—Katherine M. Driscoll.

Duties—Has charge of the municipal library and collects data relating to municipal matters for the aldermen and other officials. The library is open to the public for study and research.

HOUSE OF CORRECTION.

California avenue, near 26th street.

Superintendent—John L. Whitman, R.

Deputy Superintendent—P. J. O'Connell.

House of Correction Inspectors—Mathias Aller, chairman; A. A. Burgar, secretary; Dr. M. A. Weiskopf.

Duties—The superintendent has charge of the house of correction under the supervision and direction of the board of inspectors, enforces order and discipline, receives prisoners and discharges them on order or on expiration of sentence.

POLICE DEPARTMENT.

Headquarters—5th floor city hall, north end.

General Superintendent—John McWeeny.

Assistant Superintendent—H. F. Schuettler (3d floor).

Secretary Police Department—Philip McKenna (10th floor, north end).

Chief Clerk—William Wrechinsky (10th floor, north end).

Drillmaster—John Bander, 5th floor.

Custodian—DeWitt C. Cregier (3d floor, north end).

Captains—John J. Halpin, P. J. Gibbons, Charles C. Healy (mounted squadron), P. D. O'Brien, Michael Ryan, Max Nootbaar, James O'D. Storen, P. J. Lavin, John A. Alcock, Morgan A. Collins, John S. Ryan, Thomas J. Coughlin, James Gleason, John E. Ptacek, Bernard P. Bay, Thomas F. Meagher, Joseph Smith, Stephen K. Healy, Henry E. Gorman, Stephen B. Wood, John Rehm, Max Danner, James Madden, William W. Cudmore.

Duties—The police department is charged with preserving order, peace and quiet and enforcing the laws and ordinances throughout the city. Police officers have the power to make arrests and to serve warrants. They are required to assist firemen in saving property, in giving alarms of fire and in keeping the streets in the vicinity of burning buildings clear. They are also required to take notice of all obstructions and defects in the streets, nuisances, etc.

FIRE DEPARTMENT.

Headquarters—Room 105 city hall.

Fire Marshal—Charles F. Seyferlich.

First Assistant Fire Marshal—Thomas O'Connor.

Second Assistant Fire Marshal—P. J. Donohue.

Third Assistant and Department Inspector—E. J. Buckley.

Fifth Assistant Fire Marshal—A. R. Seyferlich.

Sixth Assistant—J. McAuliffe.

Department Attorney—Michael F. Sullivan.

Secretary—William C. Gamble.

Battalion Chiefs—1st, P. J. Egan; 2d, Benjamin O'Connor; 3d, Jacob Grauer; 4th, Charles N. Heaney; 5th, John Evans; 6th, Thomas J. Reynolds; 7th, Michael Kerwin; 8th, Thomas Hackett; 9th, Michael Corrigan; 10th, David J. Mahoney; 11th, Martin Lacey; 12th, Joseph L. Kenyon; 13th, Frank Conway; 14th, Michael R. Driscoll; 15th, James Ward; 16th, John F. Smith; 17th, George H. McAllister; 18th, Eugene Sweeney; 19th, James Costin; 20th, Thomas P. Kenney; 21st, Edward F. McGurn.

Superintendent Insurance Patrol—E. T. Shepherd, 163 West Monroe street.

Duties—The fire marshal has sole and absolute control over all persons connected with the fire department and has the custody of the equipment and other property of the department. The fire inspector investigates the causes of fires and keeps a record of the same. The secretary keeps all books and papers of the department and delivers to the city council and other departments the written communications of the fire marshal.

BUREAU OF FIRE PREVENTION AND PUBLIC SAFETY.

Headquarters—Room 604 city hall.

Chief of Bureau and Fourth Assistant Fire Marshal—John C. McDonnell.

Fire Prevention Engineer—Elisha A. Case.

Fire Prevention Inspector in Charge—Charles W. Hejda.

Duties—The chief of fire prevention and public safety shall have the power and it shall be his duty to enforce the provisions of all ordinances of the city of Chicago which may tend to prevent the starting or spreading of fires or disastrous results in case of fires.

CIVIL-SERVICE COMMISSIONERS.

Room 610 city hall.

Commissioners—H. M. Campbell, D., president; Elton Lower, R.; J. J. Flynn, D.

Secretary and Chief Examiner—R. A. Widdowson.
Attorney—Herbert J. Friedman.

Duties—The commissioners classify offices and places in the city service, examine applicants for employment in such offices and places, certify to the heads of departments as required the names of those standing highest on the list of eligibles, investigate charges against employes in the classified service and remove employes for cause. Two weeks' notice by advertisement of the time and place of holding examinations is given.

ELECTION COMMISSIONERS.

City hall, third floor, south end.

Commissioners—Charles H. Kellerman, chairman; Anthony Czarnecki, secretary; Howard S. Taylor. Chief Clerk—William H. Stuart.

Attorney—Charles H. Mitchell.
Duties—The commissioners fix the election precincts, provide ballot boxes, tally sheets, poll-books and all other blanks and stationery necessary in an election, select judges and clerks of elections, canvass the returns of votes and, in brief, have charge of everything pertaining to the registration of voters and the holding of all regular, special and primary elections.

DEPARTMENT OF SMOKE INSPECTION.

Room 614 city hall.

Chief Smoke Inspector—O. Monnett.
Chief Assistant Smoke Inspector—S. H. Viall.
Deputy in Charge—F. A. G. Chambers.
Chief Clerk—Edward R. Laub.

DEPARTMENT FOR THE INSPECTION OF STEAM BOILERS, STEAM AND COOLING PLANTS.

Room 613 city hall.

Chief Inspector—M. J. Ryan, D.
Supervising Engineer—R. B. Wilcox.

CITY ARCHITECT.

City hall, tenth floor, south end.

Charles W. Kallal.

DEPARTMENT OF WEIGHTS AND MEASURES.

Vault floor, city hall.

Inspector Weights and Measures—Peter Zimmer, D.
Chief Deputy—William F. Cluett.

OIL INSPECTOR'S OFFICE.

Room 1013 city hall.

Oil Inspector—James A. Quinn, D.
MUNICIPAL LODGING HOUSE,
162 North Union street.
Superintendent—Charles F. Rogers.

CHICAGO OUTER HARBOR PLANS.

Four outer harbor sites along Chicago's lake front were established by the city council Nov. 20, 1911. The ordinances provided for the following districts:

No. 1—From the mouth of the Chicago river north to Chicago avenue, and extending one mile into Lake Michigan.

No. 2—From the mouth of the Chicago river south to Randolph street, and extending one mile into the lake.

No. 3—From the south end of Grant park south to 31st street, and extending one mile into the lake.

No. 4—All of the Calumet river within the city and all of Lake Calumet.

Feb. 7, 1912, the harbor and subway commission submitted to the council committee on harbors, wharves and bridges preliminary plans and drawings for the initial development of "outer harbor district No. 1." In this report the commission stated that it had proceeded on the theory that joint and parallel action by the federal government would be taken to protect the initial piers recommended by the construction of an adequate outer breakwater. The plan proposed by the commission provided for the construction of five piers extending eastward from the shore line between the mouth of the Chicago river and Chicago avenue, with a uniform length for four piers of 2,500 feet and one pier of 3,000 feet. The detailed plans were for the construction of two piers only—one for freight and one for passenger purposes. The water slips between each pier were to be 300 feet wide. The piers were to be 292 feet wide with an eighty foot roadway in the center. The outer 645 feet of the passenger pier, which was to be 3,000 feet long, was to be reserved for boats with an exclusively passenger traffic. Part of the pier was to be used for recreation purposes. The estimated cost of these two piers was \$4,400,000. The plan made provision for adequate street car service.

At the election of April 2, 1912, a proposition to issue \$5,000,000 in bonds for harbor construction was approved by popular vote. Congress in the river

and harbor appropriation act, approved July 25, included the following paragraph:

"Improving harbor at Chicago, Ill., by the construction of a breakwater to form an outer harbor, in accordance with the report submitted in house document numbered 710, 62d congress, second session, \$350,000: Provided, that the work hereby contemplated shall not be commenced until assurances satisfactory to the secretary of war shall have been received that the work contemplated by the city of Chicago as a part of said improvement will be actually undertaken and completed by said city."

With plans prepared, the consent of the government secured, and financial means provided it seemed as if an actual beginning would be made in the construction of an outer harbor, but July 25 it was announced by Mayor Harrison and Corporation Counsel Sexton that the legislative act, known as the O'Connor harbor law, contained a "joker" in the shape of a provision prohibiting the city from purchasing or acquiring any title to property along the lake shore line where it has been filled in or where riparian or littoral rights are in dispute. Certain property, which it was desired to use for harbor purposes, is claimed by the Chicago Canal and Dock company, which has leased its holdings to the Pugh Terminal Warehouse company. The Pugh company was willing to treat with the city, but the corporation counsel held that the provision referred to would have to be eliminated from the act by legislative action before anything further could be done. The subway and harbor commission also sent the city authorities the following statement:

"The commission respectfully submits that in view of legal entanglements in the matter of shore titles it is inadvisable to proceed with actual construction work until the method of quieting titles along the shore line has assumed a more definite form."

The work of harbor construction was therefore halted to await further legislative action.

MUNICIPAL ART LEAGUE.

Incorporated Jan. 30, 1901. Secretary's office at the Art Institute.

President—Ralph Clarkson.

Vice-President—Lorado Taft.

Secretary—Kenneth Sawyer Goodman.

Assistant Secretary—Louis A. Damon.

Treasurer—Charles L. Hutchinson.

Directors—Ralph Clarkson, Lorado Taft, Webster Tomlinson, William H. Bush, Mrs. William Frederick Grower, Eames MacVeagh, Mrs. C. S. Downs, Kenneth Sawyer Goodman, Myron H. West.
Exhibition Committee—Mrs. William Frederick Grower, chairman; Mrs. H. H. Kingsley, vice-chairman; Mrs. William F. Young, secretary.

The objects of the association are to promote the beautifying of the streets, public buildings and places of Chicago; to bring to the attention of the officials and people of the city the best methods for instituting artistic municipal improvements and to stimulate civic pride in the care and improvement of private property. The board of directors of the league is composed of one sculptor, one architect, one painter, one landscape architect, four laymen and the chairman of the exhibition committee.

CHICAGO CITY OFFICES AND POSITIONS.

[From charts prepared by the efficiency division of the city civil service commission.]

City offices and places of employment are divided by the civil service commission into eleven classes, according to the general character of the duties performed. Offices and places filled by election or appointment are designated as "exempt." Under the civil service act of March 20, 1895, the following are excepted from the classified service: Officers who are elected by the people or by the city council pursuant to the city charter, or whose appointment is subject to confirmation by the city council; judges and clerks of election, members of any board of education, the superintendent and teachers of schools, heads of any principal department of the city, members of the law department and one private secretary to the mayor. Following are the titles of the exempt positions, including the yearly salary attached to each as fixed by the appropriation bill for 1912:

ELECTED BY THE PEOPLE.

Title.	Salary.	Title.	Salary.
City clerk.....	\$5,000	Mayor.....	\$18,000
City treasurer.....	12,000	Aldermen, each....	3,000

ELECTED BY CITY COUNCIL.

Sergeant-at-arms.....	\$1,000
-----------------------	---------

APPOINTED BY THE MAYOR.

Assistant harbor master.....	\$1,200
Assistant vessel dispatcher.....	1,080
Board of examiners (engineers).....	\$2,000 to 2,200
Board of local improvements.....	\$4,000 to 5,000
Business agent.....	6,000
City collector.....	6,000
City electrician.....	6,500
City physician.....	4,000
Civil service commission.....	\$3,000 to 5,000
Commissioner of buildings.....	6,000
Commissioner of health.....	8,000
Commissioner of public works.....	10,000
Commissioner of track elevation.....	5,000
Comptroller.....	10,000
Corporation counsel.....	10,000
Deputy commissioner of public works.....	5,000
Fire marshal.....	8,000
General superintendent of police.....	8,000
Harbor master.....	1,800
Inspector gas and sewer meters.....	3,600
Inspector of oils.....	4,800
Inspector boilers, steam plants.....	3,600
Inspector weights and measures.....	3,600
Inspectors house of correction.....	No comp.
Library directors.....	No comp.
Market master.....	945
Master plumber.....	1,716
Municipal tuberculosis sanitary directors.....	No comp.
Prosecuting attorney.....	6,000
Secretary to the mayor.....	5,000
Smoke inspector.....	4,009
Subway commissioner.....	12,000
Superintendent house of correction.....	3,600
Traction expert.....	3,000
Vessel dispatcher.....	1,200

SCHOOL SUPERINTENDENTS AND TEACHERS.

(See board of education.)

EXCEPTED BY OTHER SECTIONS OF CIVIL SERVICE ACT.

Civil service examiner and secretary.....	\$3,000
---	---------

SPECIFICALLY EXCEPTED UNDER SECTION 2 OF CIVIL SERVICE ACT.

Members board of education.....	No comp.
Members of law department and Municipal courts.....	No comp.
Appellate court attorney.....	\$3,000
Assistant chief deputy bailiff.....	2,500
Assistant chief investigator.....	1,800
Assistant city attorney.....	1,800
Assistant corporation counsel.....	\$1,500-7,500
Asst. atty. board local improvements.....	\$2,800-5,000
Attorney board local improvements.....	6,000
Attorney fire department.....	3,000
Attorney civil service commission.....	3,000
Attorney for bureau of water.....	2,500
Assistant prosecuting attorney.....	\$2,000-2,400
Assistant trial attorney.....	\$1,500-2,150

Assistant to chief justice.....	\$1,800-4,000
Associate judge.....	6,000
Attorney.....	\$3,000-7,500
Auditor.....	2,500
Bailiff.....	6,000
Chief assistant city attorney.....	3,800
Chief assistant prosecuting attorney.....	3,000
Chief deputy bailiff.....	4,000
Chief deputy clerk.....	4,000
Chief investigator.....	2,400
Chief law clerk.....	7,500
Chief law clerk and secretary to corp. counsel.....	2,100
Chief probation officer.....	3,000
City attorney.....	6,000
Clerk Municipal court.....	6,000
Deputy bailiff.....	\$900-1,500
Deputy clerk.....	\$300-3,000
Docket and law clerk.....	\$1,500-1,800
Executive to chief justice.....	4,000
Investigator Circuit court cases.....	1,500
Investigator Municipal court cases.....	1,300
Investigator Superior court cases.....	1,500
Investigator (preliminary).....	1,000
Investigator (trial).....	1,200
Law and docket clerk.....	1,200
Law and filing clerk.....	1,200
Law and notice clerk.....	1,200
Law and voucher clerk.....	1,200
Law claim investigator.....	2,000
Law clerk and copyist.....	\$720-900
Law clerk and messenger.....	\$600-1,000
Law clerk and preliminary investigator.....	1,000
Law clerk and stenographer.....	\$900-1,200
To board local improvements.....	1,000
To attorney fire department.....	1,000
To attorney bureau of water.....	900
Law clerk and telephone operator.....	1,020
Law clerk and trial investigator.....	1,200
Law clerk, board local improvements.....	\$1,000-2,400
Probation officer.....	1,200
Special assessment examiner.....	2,040
Supervisor of investigations.....	1,800
Trial attorney.....	\$2,500-3,600
Trial attorney action over.....	3,000

*Elected.

CLASSIFIED SERVICE.

The nonexempt classes of service with the letter designating each are:

A—Medical.	F—Fire.
B—Engineering.	G—Library.
C—Clerical.	H—Inspection.
D—Police.	I—Supervising.
E—Operating engineer.	K—Skilled labor.
ing.*	L—Labor.

*The operating engineering service is divided into branches A and B. Branch B includes only positions under the board of education.

GRADES AND GROUPS.

All classes of service except unskilled labor are divided into grades according to the authority, responsibility and importance of the duties performed. There are from three to eight grades in each class, the first grade being the lowest. In some of the services the grades are subdivided into groups, group A being the highest.

DEPARTMENTS AND BUREAUS.

City offices and places of employment are distributed among departments and bureaus, in each of which one or more classes of service are represented. In the building department, for example, the engineering, clerical and inspection services are represented. The clerical service is represented in all the departments. On the civil service chart the departments are arranged alphabetically according to the code letter designating each, as follows:

B—Department of buildings.
C-F—City council finance committee.
C-G—Committee on gas, oil and electric light.
C-B—Committee on harbor, wharves and bridges.
C-L—Committee on local transportation.
C-R—Lake shore reclamation commission.

CC—City clerk.
 CT—City physician.
 CS—Civil service commission.
 E—Board of education.
 EC—Board of election commissioners.
 EL—Department of electricity.
 EE—Board of examiners (engineers).
 FC—Department of finance—city collector's office.
 FM—City markets.
 FT—City treasurer's office.
 FO—Comptroller's office.
 FI—Fire department.
 H—Department of health.
 HC—House of correction.
 L—Department of law.
 LP—Chicago public library.
 LI—Board of local improvements.
 M—Mayor's office.
 MC—Municipal courts.
 OI—Office of inspector of oils.
 PO—Department of police.
 PA—Dept. of public works—bureau of architecture.
 PB—Bureau of city hall.
 PC—Commissioner's office.
 PE—Bureau of compensation.
 PE—Bureau of engineering.
 PM—Bureau of maps and plats.
 PS—Bureau of sewers.
 PT—Bureau of streets.
 PW—Bureau of water.
 S—Special park commission.
 SH—Subway and harbor commission.
 SI—Department of smoke inspection.
 SP—Department of inspection of steam boilers and steam plants.
 SU—Department of supplies.
 TE—Department of track elevation.
 TR—Department of transportation.

TS—Municipal tuberculosis sanitarium.
 W—Department of weights and measures.

TITLES OF POSITIONS—NUMBER.

Service and grade.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	Total
Medical	3	9	7	10	5	1	..	..	35
Engineering	10	17	24	6	..	..	..	..	61
Clerical	2	2	10	9	12	8	10	9	62
Police	3	3	2	2	1	..	..	..	11
Operat. Eng. (A)	3	2	2	2	4	1	..	..	14
Operat. Eng. (B)	1	1	2	..	..	..	..	..	4
Fire	4	4	1	1	5	..	..	..	15
Library	2	4	3	3	3	2	..	..	17
Inspection	5	24	24	17	5	..	..	..	75
Supervising	9	28	18	6	6	..	..	..	67
Skilled labor	48	72	30	..	..	..	..	..	150
Labor (not graded)	..	..	..	..	..	..	..	..	11
Total classified	85	159	116	74	46	12	10	9	522
Exempt	..	..	..	..	..	..	..	..	125
Total titles	..	..	..	..	..	..	..	..	647

NUMBERS OF POSITIONS—AVERAGE.

Service and grade.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	Total
Medical	19	292	26	17	5	1	..	..	*360
Engineering	90	89	61	24	5	..	..	..	270
Clerical	79	30	721	195	55	21	23	9	1134
Police	4042	391	71	28	1	..	..	..	4533
Operat. Eng. (A)	157	15	25	12	32	11	..	..	256
Operat. Eng. (B)	283	8	2	..	..	..	..	..	293
Fire	1400	306	158	22	5	..	..	..	1891
Library	69	40	14	10	14	2	..	..	149
Inspection	39	333	264	49	5	..	..	..	692
Supervising	117	98	54	6	6	..	..	..	282
Skilled labor	935	938	63	..	..	..	..	..	1937
Labor	..	..	..	..	..	..	..	..	2634
Exempt	..	..	..	..	..	..	..	..	7756

Total positions in city service

*Fractions included.

SALARIES OF CITY OFFICIALS AND EMPLOYEES (1912).

Service.	Yearly Total average.
Medical	\$341,842 \$947
Engineering	484,354 1,796
Clerical	1,388,765 1,225
Police	5,918,718 1,306
Operating engineering (A)	329,523 1,289
Operating engineering (B)	867,297 *
Fire	2,682,307 1,418
Library	132,332 887
Inspection	991,800 1,433
Supervising	396,648 1,408
Skilled labor	2,260,401 †3.70
Labor	2,126,510 *
Exempt—Educational	7,734,517 *
Law and courts	930,280 *
All other	452,221 *

‡27,771,498

*Average salaries omitted because of special nature of service. †Per day. ‡Includes \$743,983 blanket salary appropriations for services of a noncontinuous or emergency character.

BY GRADES.

MEDICAL SERVICE.		POLICE SERVICE.	
Grade.	Yearly salary.	Grade.	Yearly salary.
I	\$240-\$960	I	\$900-\$1,320
II	800-1,500	II	1,500-1,700
III	900-1,800	III	1,800-2,000
IV	1,200-2,640	IV	2,500-2,750
V	2,040-3,780	V	5,000
VI	4,020		
ENGINEERING SERVICE.		OPERATING ENGINEERING (A).	
I	\$1,030-\$1,320	I	\$1,080
II	1,500-1,740	II	1,200
III	1,920-2,400	III	1,460
IV	3,000 and up	IV	1,560
V	4,020 and up	V	2,000
CLERICAL SERVICE.		OPERATING ENGINEERING (B).	
I	\$300-\$480	I	*
II	540-720	II	\$2,400-\$2,520
III	840-1,200	III	4,020 and up
IV	1,320-1,680		
V	1,800-2,160		
VI	2,340-2,700		
VII	3,000 and up		
VIII	4,020 and up		

*Fixed by school group.

FIRE SERVICE.

Grade.	Yearly salary.	Grade.	Yearly salary.
I	\$480-\$720	III	1,200-2,160
II	780-960	IV	1,740-2,520
III	1,020-1,200	V	2,100-3,600
IV	1,260-1,440	SUPERVISING SERVICE.	
V	1,500-2,400	I	\$660-\$1,080
VI	3,000 and up	II	780-1,800
LIBRARY SERVICE.		III	1,800-3,000
I	\$480-\$720	IV	2,400-3,800
II	780-960	V	3,600-5,000
III	1,020-1,200	LABOR SERVICE.	
IV	1,260-1,440	Rates not to exceed the union scale are paid by the city for skilled labor.	
V	1,500-2,400	Ordinary labor is paid for at the rate of \$2 to \$3 a day.	
VI	3,000 and up		
INSPECTION SERVICE.			
I	\$960-\$1,200		
II	960-1,800		

SALARIES BY CERTAIN POSITIONS.

Title.	Salary.
Accountants	\$1,200-\$2,160
Accountants—Head	2,340-2,700
Accountants—Expert	3,000 and up
Assessors	3,000 and up
Attendants—Office	340-480
Auditors—Chief	3,000 and up
Bacteriologists	1,300-1,800
Bookkeepers—Junior	840-1,200
Bookkeepers—Senior	1,320-1,680
Cashiers	2,340-2,700
Cashiers—Chief	3,000 and up
Clerks—Chief	3,000 and up
Clerks—Head	2,340-2,700
Clerks—Junior	840-1,200
Clerks—Principal	1,800-2,160
Clerks—Senior	1,320-1,680
Clerical assistants	540-720
Collectors	1,320-1,680
Draftsmen	1,080-1,740
Engineers—Junior	1,500-1,740
Examiners—Junior	840-1,200
Examiners—Principal	1,800-2,160
Examiners—Senior	1,320-1,680
Firemen—Stationary	900-1,080
Guards	1,080-1,200
Health officers	800

Internes	240-300
Investigators	1,320-1,680
Janitors	600-1,200
Janitresses	800-720
Labor-Skilled	Union rates
Matrons	730-900
Messengers	540-900
Nurses-Field	1,000-1,200
Nurses-Hospital	730-800
Orderlies	720-900
Pages	300-480
Rate takers	840-1,200

Scrubwomen	540
Stenographers-Junior	840-1,200
Stenographers-Principal	1,800-2,160
Stenographers-Senior	1,320-1,680
Storekeepers	1,800-2,160
Surgeons-Ambulance	1,080-1,320
Teamsters	750-960
Telephone operators	840-1,200
Tellers	1,800-2,160
Vaccinators, per day	5.00
Window washers	750-780

DEPARTMENTS AND BUREAUS.

The following list includes the more important offices and positions in the exempt and classified service except those in the educational department,

which will be found elsewhere. The salaries are those fixed by the appropriation bill of 1912 and are yearly if not otherwise specified.

MAYOR'S OFFICE.

Mayor	\$18,000
Secretary	5,000

BUREAU OF STATISTICS.

City statistician	\$3,000
Assistant statistician	1,320

TRANSPORTATION DEPT.

Traction expert	\$3,000
Inspectors, each	1,200

CITY COUNCIL.

Aldermen, each	\$3,000
----------------	---------

FINANCE COMMITTEE.

Chairman	\$3,000
Secretary	3,600

TRANSPORTATION COMMITTEE.

Secretary and engineer	\$3,600
------------------------	---------

COMMITTEE ON GAS, OIL AND ELECTRIC LIGHT.	
Expert, per day, not over	\$50.00
Accountant, per day, not over	25.00

LAKE SHORE RECLAMATION COMMISSION.	
Title searcher	\$1,800

CITY CLERK.

City clerk	\$5,000
Chief clerk	4,000
Reading clerk	2,500
Sergeant-at-arms	1,000

LAW DEPARTMENT.

CORPORATION COUNSEL.

Corporation counsel	\$10,000
Assistant, 1 at	7,500
Assistants, 2 at	6,000
Assistants, 2 at	5,000
Assistants, 5 at	4,000
Assistant, 1 at	3,600
Assistants, 7 at	3,000
Assistants, 2 at	2,500
Assistants, 5 at	2,000
Assistant, 1 at	1,500
Fire dept. attorney	3,000
Secretary corp. counsel	2,500
Atty. board local impvts.	6,000
Assistant	5,000
Assistants, 2 at	5,800
Law clerk	2,400
Atty. civil service commis.	3,000
Attorney water dept.	2,500

PROSECUTING ATTORNEY.

Prosecuting attorney	\$6,000
Chief assistant	3,000
Assistants, 3 at	2,400
Assistants, 16 at	2,000

CITY ATTORNEY.

City attorney	\$6,000
Chief assistant	3,800
Trial attorneys, 4 at	3,600
Trial attorney, 1 at	2,500
Assist. trial attorneys, 2 at	2,150
Assist. trial attorney, 1 at	2,100
Assist. trial attorneys, 2 at	1,800
Assist. trial attorney, 1 at	1,500
Trial attorney, action over	3,000
Investigators, 2 at	1,500
Appellate court attorney	3,000
Assist. city attorneys, 2 at	1,800
Chief law clerk	2,100
Chief investigator	2,400

Assist. chief investigator	1,800
Investigator, 1 at	1,300
Investigators, 25 at	1,200
Investigators, 23 at	1,000
Docket and law clerk	1,800

DEPARTMENT OF FINANCE.

COMPTROLLER'S OFFICE.

Comptroller	\$10,000
Deputy and city auditor	4,500
Chief clerk	3,600
Expert accountant	\$3,600
Real estate agent	2,040
Teller	1,680

AUDIT DIVISION.

Chief auditor	\$3,000
Expert accountant	3,000

PAYMASTER'S DIVISION.

Paymaster	\$3,300
Tellers, 2 at	1,680

SPECIAL ASSESSMENT DIVISION.

Principal clerk	\$2,160
-----------------	---------

CITY TREASURER.

City treasurer	\$12,000
Assistant treasurer	5,000
Chief clerk	3,600
Chief cashier	3,600
Cashiers, 2 at	2,520

CITY COLLECTOR.

City collector	\$6,000
Deputy city collector	4,000
Cashier	2,700
Head clerks	2,340

ELECTION COMMISSIONERS.*

Attorney for board	\$5,000
Chief investigator	2,500
Investigators, 10 at	1,200
*Paid by county. See county salaries.	

CIVIL SERVICE COMMISSION.

President	\$5,000
Commissioners, 2 at	3,000
Chief examiner	3,000
Examiner in charge	2,040
Principal examiner	1,680

EFFICIENCY DIVISION.

Examiner in charge	\$4,020
Experts on system, 2 at	3,000
Examiner efficiency, general	2,400
Examiner clerical efficiency	2,340

DEPARTMENT OF SUPPLIES.

Business agent	\$6,000
Head buyer	2,400
Storekeeper	2,040

DEPARTMENT OF POLICE.

General superintendent	\$8,000
Assist. gen. superintendent	5,000
Secy. to gen. superintendent	3,600
Secretary	3,000
Private sec. to assist. supt.	1,320
SUBORDINATE OFFICERS.	
Captains, 27 at	\$2,250
Drillmaster	1,800
Lieutenants, 68 at	1,800
Sergeants, 389 at	1,500

PATROLMEN.

First year, 3d grade	\$900
Second year, 2d grade	1,000
After 2d year, 1st grade	1,320

DETECTIVE BUREAU.

Captain	\$2,750
Lieutenants, 3 at	2,000
Head clerk	2,500

BUREAU OF IDENTIFICATION.

Superintendent	\$2,250
Finger print operator	1,200
Photographers, 2 at	1,100

DEPARTMENT STABLES.

Superintendent of horses	\$2,400
Veterinary surgeon	2,400
Feed inspector	1,500
Foremen, 2 at	1,200
Hostlers, 29 at	960

TELEGRAPH BUREAU.

Chief operator	\$2,000
Assistant chief operator	1,620
Police operators, 157 at	1,100
Telephone inspector	1,500

REPAIR SHOP.

Superintendent	\$1,800
Assistant	1,200

MISCELLANEOUS.

Custodian lost property	\$1,800
Electrical mechanic	1,980
Sergeant bureau of records	1,700

AMBULANCE BUREAU.

Chief ambulance bureau	\$2,500
Surgeons, 24 at	1,200

MUNICIPAL COURT.

CHIEF JUSTICE.

Chief justice	\$7,500
Associate judges, 27 at	6,000
Executive to chief justice	4,000
Assistant to chief justice	4,000
Assistants, 2 at	1,800
Auditor	2,500

PROBATION OFFICERS.

Chief probation officer	\$3,000
Probation officers, 4 at	1,200

OFFICE OF THE CLERK.

Clerk	\$6,000
Chief deputy clerk	4,000
Attorney	3,000
Deputy clerks \$300 to	2,800

OFFICE OF THE BAILIFF.

Bailiff	\$6,000
Chief deputy bailiff	4,000
Assistant deputy bailiff	2,500
Attorney	3,000
Deputy bailiffs, \$900 to	1,500

HOUSE OF CORRECTION.

Superintendent	\$3,600
Assistant superintendent	1,800
Medical superintendent	2,400

DOG POUND.

Superintendent	\$1,700
Kennelmen, 2 at	1,200
Dog catchers, 11 at	1,200

FIRE DEPARTMENT.

Fire marshal	\$8,000
First assistant	5,000
Second assistant	4,000
Third assistant	3,500
Fourth assistant	3,500
Fifth assistant	3,500
Secretary	3,000
Office secretary	2,340

Storekeeper	1,315
Feed inspector	1,500
Veterinary surgeon	2,500
Battalion chiefs, 22 at	2,750
Captains, 158 at	1,815
Lieutenants, 167 at	1,529
Engineers, 119 at	1,513
Marine engineers, 12 at	1,680
Assistant engineers, 116 at	1,392
Stokers, 20 at	1,392
Firemen, 1st class	1,371
Firemen, 2d class	1,155
Firemen, 3d class	1,056
Firemen, promotional	900

REPAIR SHOP.

Supt. of machinery	\$2,000
Foreman machinists	1,800
FIRE ALARM TELEGRAPH.	
Chief operator	\$2,600
Superintendent construction	2,500
Chief electrical repairs	2,620
Operators, \$1,200 to	2,000

BUILDING DEPARTMENT.

Building commissioner	\$6,000
Deputy commissioner	4,000
Building inspector in charge	2,500
Office secretary	2,400
Senior clerk	1,680
Architectural engineers, 2 at	2,400
Architectural engineers, 2 at	1,920
Asst. bldg. inspectors, 5 at	1,800
Elevator inspector in charge	1,820
Plan examiner, 1 at	1,920
Plan examiner, 1 at	1,740
Fire escape inspectors, 2 at	1,400
Building inspectors, 57 at	1,400
Structural iron inspector	1,400

HEALTH DEPARTMENT.

COMMISSIONER'S OFFICE.

Commissioner of health	\$8,000
Assistant commissioner	4,020
Secretary	3,000
Office secretary	1,800

CONTAGIOUS DISEASES BUREAU.

Bureau chief	\$3,780
Assistant bureau chief	2,640
Assistant bureau chief	2,040
Health officers, 30 at	800
Infectious, 22 at	1,000
Vaccinators, per day	5.00

BUREAU OF HOSPITALS, BATHS AND LODGING HOUSES.

Bureau chief	\$2,040
Medical inspectors, 3 at	1,200

CONTAGIOUS DISEASES HOSPITAL.

Medical superintendent	\$1,980
Ambulance surgeon	1,320

ISOLATION HOSPITAL.

Medical superintendent	\$1,800
------------------------	---------

EMERGENCY HOSPITAL.

Medical superintendent	\$1,500
------------------------	---------

MUNICIPAL LODGING HOUSE.

Superintendent	\$1,400
Assistant superintendent	1,080

PUBLIC BATHS.

Superintendents, 14 at	\$1,200
Disinfecter	1,200
Bath attendants, 16 at	720

BUREAU OF VITAL STATISTICS.

Bureau chief	\$2,800
Assistant bureau chief	2,040

BUREAU OF FOOD INSPECTION.

Bureau chief	\$2,100
Assistant bureau chief	1,980

Supervising inspectors, 2 at	1,500
Food inspectors, 11 at	1,320

Food inspectors, 15 at	1,200
Food inspectors, 40 at	1,080

BUREAU OF SANITARY INSPECTION.	
Bureau chief	\$3,600

Assistant bureau chief	2,520
Supervising inspectors, 5 at	1,740

Plumbing plan examiner	1,740
Plumbing inspectors, 25 at	1,716

Sanitary inspectors, 43 at	1,200
Sanitary inspectors, 5 at	1,080

Ventilating inspec. in charge	2,400
Ventilating inspectors, 4 at	1,200

LABORATORY.

Director	\$2,520
Assistant director	2,000
Bacteriologists, \$1,200 to	1,800
Chemists, \$1,200 to	1,600

CITY PHYSICIAN.

City physician	\$4,000
Assistant, 1 at	2,000
Assistant, 1 at	1,500

DEPARTMENT OF TRACK ELEVATION.

Commissioner	\$5,000
Engineer	4,200

DEPARTMENT OF INSPECTION OF STEAM BOILERS AND STEAM PLANTS.

Chief inspector	\$3,600
Engineer and dep. inspector	3,000
Inspectors, \$960 to	1,800

DEPARTMENT OF WEIGHTS AND MEASURES.

Inspector	\$3,600
Chief deputy	2,100
Deputy inspectors, \$960 to	1,200
Taximeter inspector	1,320

SMOKE INSPECTION.

Smoke inspector	\$4,000
Chief deputy	3,000
Deputy in charge	1,800
Mech. eng. draftsman, 11 at	1,500
Deputy smoke inspecs., 14 at	1,000

OFFICE OF INSPECTOR OF OILS.

Inspector of oils	\$4,800
Chief deputy	2,400
Deputy, 1 at	1,500
Deputies, 4 at	1,200

BOARD OF EXAMINERS (ENGINEERS).

President and member	\$2,200
Members, 2 at	2,000
Chief license inspector	1,800
License inspectors, 3 at	1,200

BOARD OF LOCAL IMPROVEMENTS.

President	\$5,000
Members, 4 at	4,000
Supt. special assessments	4,020
Chief clerk	3,000
Principal clerk	2,040
Prin. spl. assessment clerk	2,400
Head accountant	2,340
Engineer of board	3,600
Chief street engineer	3,600
Assistant chief street eng.	2,700
Assist. chief sewer eng.	2,700
Gen. street repair inspector	2,340
Superintendent of sidewalks	3,000
Assistant supt. sidewalks	1,500
Assistant engineers, \$1,500 to	2,160
Rodmen, 20 at	1,080
Inspectors, \$1,320 to	2,400
Draftsman	1,320
Expert asphalt chemist	2,400
Assistant eng. chemist	1,500
Paving brick tester	1,500

CITY MARKETS.

Market master (Haymarket)	\$945
---------------------------	-------

SPECIAL PARK COMMISSION.

ADMINISTRATION.

Office secretary	\$1,800
PARKS, FARM AND NURSERY.	
Superintendent	\$2,500
Gardeners, per day, \$2.50 to	3.00
Attendants, per day	1.35
Laborers, per day	2.00

PLAYGROUNDS.

Superintendent	\$2,000
Directors, \$1,140 to	1,200
Assistant directors, per mo.	60
Physical instructors, per mo.	60

CITY FORESTRY.

City forester	\$2,000
Foremen, per month	70

BATHING BEACHES.

Directors, per month	\$80
----------------------	------

DEPARTMENT OF ELECTRICITY.

City electrician	\$6,500
Head clerk	2,800

FIRE ALARM AND POLICE TELEGRAPH—REPAIRS.

General foreman	\$1,800
Foremen linemen, 2 at	1,680
Tel. repairers, 12 at	1,200

OPERATION.

Telegraph repairers, 20 at	\$1,680
Batterymen	1,200

ELECTRICAL INSPECTION.

Inspector in charge	\$2,200
Inspectors, 32 at	1,800

MUNICIPAL ELECTRIC LIGHTING SYSTEM.

Foreman construction	\$1,500
Electrical engineer	1,620
Engineering draughtsman	1,500
Load dispatcher	1,500

CIRCUITS, CONDUITS AND POSTS.

General foreman	\$1,800
Foremen linemen, 2 at	1,680
Circuit repairers, 14 at	1,680

REPAIRS—ARC LAMPS.

Lamp repairers, 8 at	\$1,320
Lamp trimmers, 6 at	1,100

OPERATION.

Foreman lamp trimmers	\$1,800
Trimmers, 105 at	1,100

GAS LIGHTING SYSTEM.

Gas and meter inspector	\$3,600
Gas lamp inspector	1,740
Supervisors, 3 at	1,416
Gas meter testers, 5 at	1,200
Lamp checker	1,200

GAS TESTING.

Chief gas tester	\$2,500
Gas testers, 2 at	1,200
Acetylene tester	1,200

MAINTAINING GAS LAMPS.

Lamp trimmers, 1c per light per day.	
10c per lamp per month for mantle lamps.	

STREET LAMP REPAIR SHOP.

Superintendent	\$1,680
----------------	---------

BOARD OF PUBLIC MOTOR VEHICLE REGISTRY.

Examiner motor vehicle operators	\$1,500
----------------------------------	---------

BOARD OF EXAMINERS OF MOVING PICTURE OPERATORS.

Examiner of moving picture operators	\$1,200
--------------------------------------	---------

BUREAU OF ELECTRIC WIRING AND REPAIRS.

Foreman of interior wiremen	\$2,400
-----------------------------	---------

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

Commissioner	\$10,000
Deputy commissioner	5,000
Chief clerk	3,600
Principal clerk	2,000
Head accountant	2,250

BUREAU OF COMPENSATION.

Supt. of compensation	\$3,600
Investigator	1,500

BUREAU OF MAPS AND PLATS.

Superintendent of maps	\$4,000
Chief draughtsman	1,740
Draughtsmen, \$1,080 to	1,500
Title searcher	1,800

BUREAU OF ARCHITECTURE.

City architect	\$4,500
----------------	---------

BUREAU OF CITY HALL.	
Chief janitor.....	\$1,800
Elevator starters, 2 at.....	1,200
Elevator operators, per mo.	80
Chief electricians.....	2,500
City hall electrician.....	1,980

BUREAU OF STREETS.	
SUPERINTENDENT'S OFFICE.	
Superintendent.....	\$5,000
First assist. superintendent.....	3,000
Principal clerk.....	2,040
Assistant engineer.....	1,800
Housewarming inspector.....	1,680

PERMIT DIVISION.	
Senior clerk.....	\$1,200
Inspectors, 7 at.....	1,000
STREET AND ALLEY CLEANING DIVISION.	
Second assist. supt. streets.....	\$3,840
Principal clerk.....	1,800

WARD SUPERVISION.	
Superintendents, 36 at.....	\$2,200
PUBLIC UTILITY INSPECTION.	
Inspector in charge.....	\$3,000
Inspectors, 16 at.....	2,100
Inspectors, 2 at.....	1,800

OPERATION OF DUMPS.	
Superintendent.....	\$2,200
Foremen, 5 at.....	1,080
GARAGE LOADING STATIONS.	
Superintendent.....	\$2,200

STREET OR ALLEY IMPROVEMENT.	
Third assist. supt. streets.....	\$3,600
Engineering chemist.....	2,000
BUREAU OF SEWERS.	
SUPERINTENDENT'S OFFICE.	
Superintendent.....	\$4,000
Assistant superintendent.....	2,400
Assistant engineer (benches).....	2,500

PUMPING STATIONS (SEWER).	
Engineers in charge, \$1,500-\$2,000	
Firemen.....	1,080
Oilers.....	1,080
REPAIRING SEWERS.	
Foreman bricklayers.....	\$2,200
Foreman sewer pipe yards.....	2,160
Foreman carpenter.....	1,800

HOUSE DRAINS.	
Inspector in charge.....	\$1,800
Junction setters, 2 at.....	1,800
Inspectors, per month.....	100

BUREAU OF ENGINEERING.

City engineer.....	\$8,000
Assistant city engineer.....	5,000
Chief clerk.....	3,000

TESTING DIVISION.	
Engineer of tests.....	\$3,000
Engineering chemists, 5 at.....	1,500
Engineering chemist.....	1,920

RIVER AND HARBOR.	
Dredge inspectors, 6 at.....	\$1,200
Harbor police, 6 at.....	1,080

SUPERINTENDENCE.	
Mechanical engineer.....	\$7,500
Engineer water surveys.....	3,000
Supt. waterworks shops.....	2,500

PUMPING STATIONS (WATER).	
Chief engineers, 9 at.....	\$2,500
Assistant engineers, 27 at.....	2,000
Conveyor engineers, 5 at.....	1,460
Firemen and oilers.....	1,080

LAKE CRIBS AND TUNNELS.	
Diver.....	\$2,400
Diver's helpers, 2 at.....	1,200
Crib keepers, 5 at.....	1,200
Junior crib keepers, 11 at.....	1,000

WATER PIPE EXTENSION.	
Superintendent.....	\$4,500
Assistant superintendent.....	2,400
Assistant engineer.....	2,160
Principal clerk.....	2,160
Plumbing inspector.....	2,160

PIPE YARDS.	
Superintendent.....	\$1,800
Foremen, 5 at.....	1,500
WATER WASTE SURVEYS.	
Engineer.....	\$3,000

REPAIRS AND REPLACEMENTS.	
Foremen construction, 9 at.....	\$2,100
Assistant foremen, 23 at.....	1,680
WATER WORKS SHOPS AND REPAIR.	
Assistant superintendent.....	\$1,800
Chief steamfitter.....	1,800
Foremen, 3 at.....	1,800

WATER METER SHOPS.	
Foreman meter shop.....	\$1,540
DIVISION OF BRIDGES AND HARBORS.	
SUPERINTENDENCE.	
Engineer in charge.....	\$5,000
Engineer designs.....	3,600
Assistant engineer.....	2,160

REPAIRS AND REPLACEMENTS.	
Engineer.....	\$3,000
Foreman.....	2,520
Foremen, \$1,680 to.....	2,000

BRIDGE OPERATION.	
Superintendent bridges.....	\$3,000
Bridgetenders, \$960 to.....	1,200
DIVISION OF RIVERS AND HARBORS.	
Assistant engineer.....	\$2,100
Harbor master.....	1,800
Launch operator.....	1,500
Vessel dispatcher.....	1,200
Assist. harbor masters, 5 at.....	1,200

BUREAU OF WATER.	
SUPERINTENDENT'S OFFICE.	
Superintendent.....	\$4,500
Senior stenographer.....	1,500

COLLECTION DIVISION.	
Chief clerk.....	\$2,800
Principal clerk.....	1,800
Cashier.....	2,700
Teller.....	2,040

ASSESSED RATES SUBDIVISION.	
Senior clerks, 6 at.....	\$1,500
Junior clerks, 30 at.....	1,200
METER RATES SUBDIVISION.	
Senior clerk.....	\$1,500
Rate takers, per month.....	100

ASSESSOR'S DIVISION.	
Assessor.....	\$3,600
Field assessor.....	2,040
Principal clerk.....	1,500
Field assessors, per month.....	100

SHUT-OFF SUBDIVISION.	
Foreman laborers.....	\$1,200
Shut-off men, per month.....	75
PERMIT AND MAP SUBDIVISION.	
Senior clerk.....	\$1,680
Draftsman.....	1,620
Draftsmen, 6 at.....	1,080

AUDITING DIVISION.	
Accountant.....	\$2,040
Senior clerk.....	1,680
Junior clerks, 7 at.....	1,200

PUBLIC LIBRARY.	
Librarian.....	\$7,000
Secretary.....	4,000
Assistant Librarian.....	3,500
Director training class.....	1,500
Supervisor of branches.....	2,100

Class 4—Department heads:	
A, \$1,500; grade B, \$1,620; grade C, \$1,800; grade D, \$2,040.	
Class 3—Senior assistants:	
A, \$960 to \$1,140; grade B, \$1,200 to \$1,500.	

Class 2—Junior assistants:	
A, \$420 to \$600; grade B, \$660 to \$900.	
Class 1—Pages, \$300, \$360 and \$420.	

FLAG DISPLAY DATES IN CHICAGO.

In accordance with instructions issued by Mayor Carter H. Harrison Feb. 9, 1912, the American flag is to be displayed on the city buildings of Chicago on the following anniversaries:

Feb. 12—Lincoln's birthday.	
Feb. 15—Anniversary of the sinking of the Maine.	
Feb. 22—Washington's birthday.	
April 19—Anniversary of the battle of Lexington.	
May 30—Memorial day.	
June 14—Flag day.	
June 17—Anniversary of the battle of Bunker Hill.	

July 4—Independence day.	
Oct. 12—Columbus day.	
Oct. 17—Anniversary of the battle of Saratoga.	
Oct. 19—Anniversary of the surrender at Yorktown.	
Nov. 25—Anniversary of the evacuation of Yorktown.	

On all the above dates the flag should be hoisted at full mast, with the exception of Memorial day and the anniversary of the sinking of the Maine, when it should be at half mast. The hours of displaying the flag are from sunrise to sunset.

WIDTHS OF TIRES REQUIRED IN CHICAGO.

The wide-tire ordinance passed by the Chicago city council Feb. 4, 1908, requires that all four-wheeled vehicles shall have tires proportionate to the load they carry, as follows:

	Tires, inches.
3,000 pounds or under.....	1½
Between 3,000 and 4,000 pounds.....	2
Between 4,000 and 6,000 pounds.....	2½

	Tires, inches.
Between 6,000 and 8,000 pounds.....	3½
Between 8,000 and 10,000 pounds.....	3¾
Between 10,000 and 14,000 pounds.....	4¾
Between 14,000 and 18,000 pounds.....	6
Over 18,000 pounds.....	8

The width for two-wheeled trucks is double.

CHICAGO WARDS AND ALDERMEN.

Number of, since 1837.

Year.	Alder- Wards. men.	Year.	Alder- Wards. men.	Year.	Alder- Wards. men.	Year.	Alder- Wards. men.
1837-1838.....	6 10	1857-1862.....	10 20	1876-1888.....	18 36	1889-1901.....	34 68
1839-1846.....	6 12	1863-1869.....	16 32	1888-1889.....	24 48	1901-1912.....	35 70
1847-1856.....	9 18	1869-1875.....	20 40				

*Under the general incorporation act of 1875 Chicago was divided into eighteen wards.

CHICAGO APPROPRIATIONS FOR 1912.

From corporate purposes fund.			
Mayor's office.....	\$28,700.00	Bureau of compensation.....	7,685.00
Bureau of statistics.....	6,570.00	Bureau of maps and plats.....	12,776.50
Department of transportation.....	9,470.00	Bureau of architecture.....	7,365.00
City council.....	211,500.00	Bureau of city hall.....	173,863.61
Committee on finance.....	7,980.00	Bureau of streets.....	4,255,068.00
Committee on local transportation.....	10,781.25	Bureau of sewers.....	527,965.38
Committee on gas, oil and electric light	22,525.00	Bureau of engineering (bridges, harbors)	5,302,432.28
Lake shore reclamation committee.....	10,515.00		
Committee on wharves, harbors, bridges	9,325.00	Total	30,393,731.83
Chicago plan commission.....	13,500.00	Less reimbursements from bond issue.....	5,464,464.00
City clerk.....	63,544.13		
Corporation counsel.....	168,478.00	Total	24,929,317.83
Prosecuting attorney.....	54,000.00		
City attorney.....	111,953.00	FROM WATER FUND.	
Department of finance.....	119,603.95	Corporation counsel.....	\$71,982.00
Interest.....	1,628,117.50	City attorney.....	47,757.00
Miscellaneous.....	1,325,028.92	City controller's office.....	50,538.80
City treasurer.....	50,473.71	Finance department—interest.....	213,328.00
City collector.....	110,920.00	Finance department—miscellaneous.....	681,000.00
Election commissioners.....	492,013.20	City treasurer.....	25,639.50
Civil service commission.....	76,025.50	Civil service commission.....	25,639.50
Department of supplies.....	16,532.50	Department of supplies.....	16,532.50
Department of police.....	6,714,647.80	Board of local improvements.....	70,675.36
Municipal court.....	72,242.12	Special park commission.....	10,000.00
House of correction.....	31,990.00	Commissioner's office, public works.....	46,197.00
Dog pound.....	20,830.00	Bureau of maps and plats.....	32,070.00
Fire department.....	3,617,785.11	Bureau of city hall.....	72,970.11
Department of buildings.....	164,175.00	Bureau of engineering.....	7,164,196.78
Department of health.....	720,888.00	Bureau of water.....	362,063.70
City physician.....	7,985.00	Total	8,886,582.34
Department of track elevation.....	11,475.00		
Department of boiler inspection.....	43,378.33	RECAPITULATION.	
Department of weights and measures.....	37,399.60	Corporate purposes fund.....	\$24,929,317.83
Department of smoke inspection.....	47,645.00	Water fund.....	8,886,582.34
Board of examiners (engineers).....	13,390.00	From bond fund.....	5,464,464.00
Hospitals.....	18,000.00	Contingent on bond issues.....	9,691,750.00
Inspector of cills.....	15,225.00	From traction deposits.....	2,213,600.00
Board of local improvements.....	872,535.33	Sinking fund.....	2,292,265.31
City real estate and buildings.....	30,850.00	Public library.....	578,000.00
City markets.....	945.00	Municipal tuberculosis sanitarium.....	953,119.30
Special park commission.....	150,382.54	School purposes.....	16,631,310.00
Department of electricity.....	1,481,531.29	Total all purposes.....	71,640,408.78
Commissioner of public works.....	5,133.00	Total appropriations 1911.....	58,229,163.35
Completion city hall.....	496,638.98		

FOREIGN CONSULS AND CONSULATES IN CHICAGO.

Argentina Republic—H. C. Winslow (acting), 1164 Monadnock block.	Mexico—Augustin Pina, 1223, 330 S. Michigan-av.
Austria-Hungary—Hugo Silvestri (consul-general), 817, 108 South LaSalle street.	Netherlands—George Birkhoff, Jr. (consul-general), 58 West Washington street.
Belgium—Charles Henrotin, 1166, 209 S. LaSalle-st.	Nicaragua—Berthold Singer, 189 W. Madison street.
Bolivia—F. W. Harnwell, 1502, 105 S. LaSalle street.	Norway—Oscar H. Haugan, 210, 135 West Washington street.
Brazil—S. R. Alexander, 10, 133 N. Wabash avenue.	Panama—Gustavo de Obaldia, 1125 Masonic Temple.
Chile—M. H. Ehlert, 189 East Madison street.	Paraguay—D. T. Hunt, 704, 140 S. Dearborn street.
Costa Rica—B. Singer, 189 West Madison street.	Persia—R. T. Crane, Jr. (consul-general), 1214 South Canal street.
Cuba—Crescencio de Varona, 611, 189 W. Madison-st.	Peru—W. M. L. Fliske, 234 South LaSalle street.
Denmark—Georg Bech, 79, 154 W. Randolph street.	Portugal—S. C. Sinar (vice-consul), 7149 Jeffery-av.
Dominican Republic—Frederick W. Job, 832, 140 South Dearborn street.	Russia—Frank Rockhold (vice-consul), 1108, 10 South LaSalle street.
Ecuador—Louis J. Millet, 21 East Pearson street.	Slam—Milward Adams, 404 South Michigan avenue.
France—Baron de St. Laurent, 652, 175 West Jackson boulevard.	Spain—B. Singer, 189 West Madison street.
Germany—Alfred Geissler, 916, 122 S. Michigan-av.	Sweden—Henry S. Henschen (vice-consul), 135 West Washington street.
Great Britain—Horace D. Nugent (consul-general), 604 Pullman building.	Switzerland—A. Holinger, 201, 179 West Washington street.
Greece—N. Salopoulos, 24, 143 N. Dearborn street.	Turkey—Charles Henrotin, 1166, 209 S. LaSalle-st.
Guatemala—Jule F. Brower, 1331, 35 S. Dearborn-st.	Uruguay—Juan Moffit, 1614, 127 N. Dearborn street.
Italy—Luigi Provana, 432, 72 West Adams street.	Venezuela—Alberto W. Brickwood, Jr., 1201, 79 West Monroe street.
Japan—Yaoichi Shimidzu, chancellor, 920, 122 South Michigan avenue.	

POSTMASTERS OF CHICAGO.

No.	Name.	Appointed.	Died.	No.	Name.	Appointed.	Died.	No.	Name.	Appointed.	Died.
1.	Jonathan N. Bailey.....	1831	1850	10.	Isaac Cook.....	1853	1886	19.	Solomon C. Judd.....	1885	1895
2.	John S. C. Coates.....	1832	1863	11.	John L. Scripps.....	1861	1866	20.	Walter C. Newberry.....	1888	1912
3.	Sydney Abell.....	1837	1863	12.	Samuel Hoard.....	1865	1881	21.	James A. Sexton.....	1889	1899
4.	William Stuart.....	1841	1878	13.	Thomas O. Osborne.....	1866	....	22.	Washington Helsing.....	1893	1897
5.	Hart L. Stewart.....	1845	1838	14.	Robert A. Gillmore.....	1866	1867	23.	Charles U. Gordon.....	1897	....
6.	Richard L. Wilson.....	1849	1856	15.	Francis T. Sherman.....	1867	1905	24.	F. E. Coyne.....	1901	....
7.	George W. Dole.....	1850	1860	16.	Francis A. Eastman.....	1869	....	25.	Fred A. Busse.....	1905	....
8.	Isaac Cook.....	1853	1886	17.	John McArthur.....	1872	1906	26.	Daniel A. Campbell.....	1907	....
9.	William Price.....	1857	1885	18.	Francis W. Palmer.....	1877	1907				

FINANCES OF THE CITY OF CHICAGO (1911).

[From annual report of Comptroller John E. Traeger.]

CORPORATE PURPOSES.

REVENUE.	
Taxes	\$11,546,733.69
Miscellaneous	1,506,548.53
Total, 1911.....	23,053,282.22
Total, 1910.....	24,464,679.02
EXPENSE.	
Operating	\$18,209,036.29
Repairs and renewals.....	1,591,595.77
Interest	1,358,091.23
Construction and betterments.....	1,334,247.70
Loss collecting taxes.....	537,657.34
Total, 1911.....	23,030,628.33
Total, 1910.....	22,633,778.21

VEHICLE TAX FUND.

REVENUE.	
Balance, Dec. 31, 1910.....	\$69,895.75
Vehicle tax licenses.....	586,153.26
Interest on funds.....	4,993.82
Total, 1911.....	661,042.83
Total, 1910.....	571,287.93
EXPENSE.	
Repair—Macadam pavements.....	\$295,513.02
Asphalt pavements.....	106,998.40
Brick pavements.....	72,801.81
Cedar block pavements.....	6,587.44
Granite block pavements.....	20,331.81
Cost of collection.....	14,982.73
Superintendence	58,980.33
Total, 1911.....	576,195.54
Total, 1910.....	501,302.18

WATERWORKS.

REVENUE.	
Ordinary	\$5,993,771.32
Total, 1910.....	6,411,659.76
EXPENSE.	
Operating	\$1,914,262.47
Repairs and renewals.....	1,047,013.10
Interest	226,170.76
Construction and betterments.....	1,809,720.42
Redemption certificates.....	67,813.73
Judgments	8,147.08
Investments in special funds.....	52,974.00
Total, 1911.....	5,126,101.61
Total, 1910.....	5,094,332.24

SCHOOLS.

REVENUE.	
Taxes	\$13,377,228.53
Miscellaneous	973,735.27
Total, 1911.....	14,350,963.80
Total, 1910.....	14,259,241.50
EXPENSE.	
Operating	\$10,306,449.21
Repairs and renewals.....	483,902.55
Interest	23,550.29
Bonds and investments.....	50,288.00
Construction and betterments.....	3,190,455.82
Total, 1911.....	14,059,645.87
Total, 1910.....	13,423,742.36

PUBLIC LIBRARY.

REVENUE.	
Taxes	\$371,589.63
Miscellaneous	2,865.41
Total, 1911.....	374,455.09
Total, 1910.....	321,228.97
EXPENSE.	
Operating	\$282,046.30
Repairs and renewals.....	4,897.98
Increase of library.....	23,219.26
Branch library.....	30,925.55
Total, 1911.....	341,089.09
Total, 1910.....	394,213.76

SINKING FUNDS.

REVENUE.	
Taxes	\$1,644,700.00
Total, 1911.....	1,644,700.00
Total, 1910.....	2,011,299.71
EXPENSE.	
Redemption of bonds.....	\$1,227,210.00
Total, 1911.....	1,227,210.00
Total, 1910.....	1,636,783.75

TUBERCULOSIS SANITARIUM.

REVENUE.	
Taxes	\$371,589.63
Miscellaneous	1,588.49
Total, 1911.....	373,178.17
Total, 1910.....	321,228.97
EXPENSE.	
Interest	\$1,539.02
Operation	38,563.18
Construction and betterments.....	173,413.72
Loss collection of taxes.....	14,863.58
Total, 1911.....	228,379.50
Total, 1910.....	24,055.09

TOTAL REVENUE (1911).

Corporate purposes.....	\$23,053,282.22
Sinking funds.....	1,644,700.00
Schools.....	14,350,963.80
Public library.....	374,455.09
Tuberculosis sanitarium.....	373,178.17
Water fund.....	5,993,771.32
Special assessment fund.....	6,387,240.64
Total, 1911.....	52,177,591.24
Total, 1910.....	54,569,036.72

TOTAL EXPENSE (1911).

Corporate purposes.....	\$23,053,282.22
Sinking funds.....	1,227,210.00
Schools.....	14,059,645.87
Public library.....	341,089.09
Tuberculosis sanitarium.....	228,379.50
Water fund.....	5,126,101.61
Special assessment fund.....	5,928,408.47
Total, 1911.....	49,941,462.87
Total, 1910.....	50,878,547.83

SOURCES OF ORDINARY REVENUE (NET).

	1911.	1910.
Licenses, saloon.....	\$6,831,360.00	\$6,864,960.00
Licenses, other.....	933,335.33	798,341.94
Municipal courts.....	492,835.27	504,984.17
House of correction.....	153,841.35	160,108.83
Police department.....	6,127.54	59,388.48
Fire department.....	5,470.88	10,037.41
Health department.....	63,143.64	60,521.95
Department of inspection.....	120,092.03	102,352.25
Department of public works.....	476,185.76	480,521.31
Department of buildings.....	156,394.66	151,794.06
Department of electricity.....	148,827.57	163,186.56
Public pounds.....	2,224.50	4,074.35
Real estate and buildings.....	45,585.64	52,971.00
Markets	4,300.35	3,414.90
Franchise compensations.....	1,205,350.14	1,218,595.63
Insurance tax.....	108,805.04	105,203.97
Vehicle tax.....	576,195.54	501,392.18
Interest on city deposits.....	135,613.37	150,201.73
Miscellaneous sources.....	40,879.92	66,706.48
Total	11,506,548.53	11,433,757.10

DETAIL OF ORDINARY EXPENSE.

	1911.	1910.
Mayor's office.....	\$30,225.75	\$36,138.84
Bureau of statistics.....	6,132.81	6,381.44
Departm't of transportation.....	4,033.36	4,156.71
City council.....	207,957.43	197,466.15
Committee on finance.....	7,400.00	6,063.21
Com. on local transportation.....	29,633.52	45,755.55
Com. on gas, oil, electric light.....	20,810.24	11,473.75
Lake shore reclamation.....	2,746.36	3,709.32

SPECIAL ASSESSMENTS.

REVENUE.

City collector.....	\$2,475,698.58
County collector.....	3,818,388.85
Adjustments.....	20,047.00

Total, 1911.....	6,314,134.43
Total, 1910.....	5,652,419.22

EXPENSE.

Warrants on treasurer.....	\$5,928,408.47
----------------------------	----------------

Total, 1911.....	5,928,408.47
Total, 1910.....	6,291,142.42
Committee on public lands.....	872.78
Municipal congress exposi't'n.....	4,448.92
Harbor commission.....	502.25
Committee harbors, wharves and bridges.....	933.00

Chicago plan commission.....	4,998.94	3,655.18
Com. on city expenditures.....	942.44	36,673.40
City vice commission.....	4,993.86	4,980.52
Building ordinance commit'ee.....		244.73
City clerk.....	57,847.42	60,791.94
Corporation counsel.....	191,383.52	147,133.33
Prosecuting attorney.....	51,956.17	52,427.17
City attorney.....	88,837.33	93,567.73
Comptroller.....	136,798.33	121,244.41
Interest.....	1,358,091.23	1,376,131.75
Finance dept.—Miscellaneous.....	694,566.05	648,368.93
City treasurer.....	49,157.41	57,627.47
City collector.....	112,045.65	105,101.08
Board election commiss'ners.....	428,173.18	406,696.63
Civil service commission.....	87,386.92	73,310.43
Department of supplies.....	20,576.18	18,523.41
Department of police.....	6,050,201.68	5,825,490.87
Municipal courts.....	766,063.29	753,934.81
House of correction.....	300,083.98	284,280.61
Dog pound.....	20,458.98	18,898.29
Department of fire.....	3,028,659.89	2,854,118.42
Department of buildings.....	133,584.83	111,749.05
Department of health.....	643,389.10	534,328.40
City physician.....	7,481.85	6,238.56
Dept. of track elevation.....	12,105.97	13,946.88
Inspection, steam boilers, plants.....	46,179.54	46,858.84
Dept. weights and measures.....	34,607.90	29,777.00
Dept. smoke inspection.....	46,500.73	47,662.74
Board examiners (engineers).....	12,925.92	8,817.37
Hospitals.....	18,000.00	18,000.00
Board of local improvements.....	802,677.13	710,018.80
City real estate and bldgs.....	24,649.95	25,727.30
City markets.....	945.00	1,145.00
Special park commission.....	113,259.37	111,636.69
Department of electricity.....	1,203,778.18	1,190,457.36

Public works—		
Commissioner's office.....	4,221.28	3,312.60
Bureau of compensation.....	6,946.39	6,071.48
Bureau of maps and plats.....	10,037.02	8,665.60
Bureau of architecture.....	6,411.87	10,988.84
Bureau of city hall.....	199,798.70	157,176.74
Bureau of streets.....	3,556,801.21	3,166,637.43
Bureau of sewers.....	497,270.46	431,131.42
Bureau of engineering.....	537,264.39	453,191.84

Total.....	21,686,380.63	20,348,674.20
Total extraordinary.....	1,344,247.70	2,285,104.01

Grand total.....	23,030,628.33	22,633,778.21
------------------	---------------	---------------

TOTAL AND NET RECEIPTS FROM LICENSES

(1911).

Description.	Total.	Net.*
Amusements.....	\$131,265.35	\$126,014.74
Auctioneers.....	8,463.00	8,064.00
Auto hack.....	20.00	19.23
Bakers.....	6,218.50	5,969.76
Bar permits.....	35,562.00	17,069.76
Bathing beaches.....	120.00	115.20
Billiards and pool.....	21,660.00	20,793.60
Bowling alleys.....	2,905.00	2,788.80
Brewers and distillers.....	26,916.67	25,840.00
Bill posters.....	100.00	96.00
Boats.....	50.00	48.00
Brokers.....	47,425.00	45,528.00
Butchers.....	59,430.00	57,052.80
Bottlers carbonated waters.....	2,260.00	2,169.60
Cartridges and shells.....	710.00	681.60
Certif. of fitness—Explosives.....	408.00	385.00
Cigarettes.....	133,400.00	128,064.00

Description.	Total.	Net.*
Deadly weapons.....	1,350.00	1,296.00
Delicatessens.....	6,360.00	6,105.60
Detective agencies.....	2,700.00	2,592.00
Dog licenses.....	121,564.00	29,175.36
Drivers.....	140.00	134.40
Druggists.....	6,090.00	5,846.40
Dry cleaners.....	210.00	201.60
Fireworks.....	5,020.00	4,819.20
Fishmongers.....	1,635.00	1,569.60
Fish peddlers.....	285.00	273.60
Garages.....	4,737.50	4,548.00
Gasoline launches.....		
Gunpowder.....	1,625.00	1,560.00
Hacks, cabs and coupes.....	525.00	504.00
Hospitals.....	3,000.00	2,880.00
Hotels.....		
Ice dealers.....	10,835.00	10,401.60
Junk dealers.....	5,550.00	4,107.00
Liquors—Malt.....	9,104.21	8,740.04
Liquors—Spirituous.....	22,491.75	21,592.08
Liquors—Vinous.....	13,808.60	13,256.25
Liquors—Special.....		
Livery stables.....	3,510.00	3,369.60
Livery vehicle.....		
Livery hack.....	341.00	327.36
Lumber yards.....	12,433.34	11,984.01
Medical dispensaries.....	140.00	134.40
Milk dealers.....	29,570.00	28,387.20
Milk wagons.....	28,421.67	27,884.80
Moving picture operators.....	7,300.00	7,008.00
Natatorium.....	45.00	43.20
Nurseries.....	20.00	19.20
Omni-bus.....	535.00	513.60
Pawnbrokers.....	23,100.00	17,094.00
Peddler—Oil.....	2,060.00	1,977.60
Peddler—Wagon.....	97,063.36	93,171.23
Peddler—Wheel.....		
Peddler—Handcart.....	580.00	556.80
Peddler—Pack or solicitors.....	7,712.50	7,404.00
Peddler—Basket.....	1,768.75	1,688.40
Peddler—Coal.....	428.68	424.13
Poulterer.....	405.00	388.80
Public motor vehicle operator.....	2,180.00	2,092.80
Renewals.....	1,841.00	1,767.36
Public cart.....	5,570.00	5,347.20
Public passenger automobiles.....	3,297.50	3,165.60
Public express automobiles.....	300.00	288.00
Rendering tanks.....	5,840.00	5,606.40
Restaurant.....	29,318.75	28,146.00
Roofers.....	1,010.00	969.60
Runners.....	950.04	912.04
Sale of acetylene gas.....	365.00	350.40
Saloons.....	7,116,000.00	6,831,360.00
Saloons—Public.....		66.40
Scavengers—Offal.....	1,200.00	1,152.00
Scavengers—Night.....	100.00	96.00
Scavengers—Private.....	1,045.00	1,003.20
Second hand dealers.....	12,700.00	9,398.00
Shooting galleries.....	700.00	672.00
Slaughtering and rendering.....	11,700.00	11,232.00
Soap factories.....	2,250.00	2,160.00
Stables—Boarding.....	705.00	676.80
Stables—Sales.....	1,900.00	1,824.00
Street car.....	69,200.00	69,200.00
Storage—Moving picture films.....	675.00	648.00
Tanneries.....	1,350.00	1,296.00
Ticker.....	446.00	428.16
Undertaker.....	4,325.00	4,152.00
Wagons—Junk.....	9,570.00	9,197.20
Workshops.....	6,654.00	6,387.84

Total.....	8,201,520.17	7,762,534.52
Total, 1910 (net).....		7,732,251.84

*After deduction of \$357,840.23 for police pension fund and \$81,145.42 for firemen's pension fund.

FIXED ASSETS OF THE CITY OF CHICAGO (1911).

CORPORATE PURPOSES.

Real estate.....	\$1,573,629.77
Buildings.....	9,061,586.12
Equipments.....	7,631,490.29
Bridges, viaducts, etc.....	2,254,987.55
Miscellaneous.....	572,068.49
Wharfing.....	25,247.04

Total.....	21,119,609.26
------------	---------------

SCHOOLS.	
Real estate.....	7,967,255.20
Buildings and equipment.....	41,737,247.24
Total	49,694,502.44
PUBLIC LIBRARY.	
Real estate.....	14,750.00
Buildings	2,090,200.55
Equipment	625,275.00
Total	2,730,225.55
WATERWORKS.	
Real estate.....	872,082.25
Buildings	1,844,981.66
Equipment	5,054,147.03
Miscellaneous	46,569,953.33
Total	54,341,164.27
SUMMARY.	
Corporate purposes.....	21,119,609.26
Schools	49,694,502.44

Public library.....	2,730,225.55
Waterworks	54,341,164.27
Total	127,885,501.52
STATEMENT OF THE DEBT OF CHICAGO (1911).	
Bonds—General	\$22,693,500.00
Water	3,273,800.00
Judgments	722,863.10
Accrued interest—Corporate.....	161,842.79
Water fund debt.....	1,215,959.47
Total	28,067,965.36
Less cash in sinking funds.....	2,740,734.93
Total debt.....	25,327,230.38
Assessed valuation.....	928,974,204.00
Authorized indebtedness (5%).....	46,448,710.20
Debt Dec. 31, 1911.....	25,327,230.38
Unexercised borrowing power.....	21,121,479.82

RELIGIOUS SOCIETIES IN CHICAGO.

Including church clubs, ministerial associations and general organizations.

American Bible Society—332 South Michigan avenue; secretary, Rev. S. H. Kirkbridge.
 American Federation of Catholic Societies (Cook County Branch)—President, Michael F. Girtlen, 5827 Princeton avenue.
 American Sunday School Union—1012, 19 South LaSalle street; superintendent, Rev. William W. Johnstone.
 Baptist Ministers' Conference—901 Masonic Temple; meetings, Monday forenoons.
 Baptist Young People's Union (Chicago)—Secretary, Rev. William E. Chalmers, 107 South Wabash avenue.
 Chicago Baptist Social Union—Secretary, O. V. Stookey, 75, 154 West Randolph street.
 Chicago Bible Society—332 South Michigan avenue; secretary, Rev. S. H. Kirkbridge.
 Chicago Christian Endeavor Union—Secretary, Miss Estella Jorgenson, 820, 19 South LaSalle street.
 Chicago Congregational Club—Secretary, A. F. Allen.
 Chicago Congregational Sunday School Association—President, A. F. Allen.
 Chicago Methodist Preachers' Meeting—Secretary, Rev. H. C. Godden; meetings on Monday forenoons in Methodist Church block.
 Chicago Methodist Social Union—Corresponding secretary, George W. York.
 Chicago Sunday Evening Club—President, Clifford W. Barnes; secretary, Ezra J. Warner, Jr., 1340, 8 South LaSalle street.
 Chicago Tract Society—Secretary, Rev. Jesse W. Brooks, 6th floor, 440 South Dearborn street.
 Church Club of Chicago (Episcopal)—510 Masonic Temple; secretary, Rev. J. H. Emerson.
 Christian Ministerial Association—Secretary, C. C.

Buckner, 4337 Lowell avenue.
 Concordia League—President, William Busse; secretary, O. C. Miessler, 14, 154 West Randolph street.
 Congregational Ministers' Union—Secretary, Rev. George W. Colman; meets on Monday forenoons at 913 Masonic Temple.
 Cook County Sunday School Association—803, 8 South Dearborn street; chairman executive committee, William A. Peterson.
 Epworth League—Central office, 306, 14 East Washington street; general secretary, Rev. E. M. Randall.
 Illinois Christian Endeavor Union—820, 19 South LaSalle street; secretary, P. L. McPheeters, Champaign.
 Illinois Sunday School Association—8 South Dearborn street; secretary, Hugh Cork.
 Laymen's Evangelistic Council of Chicago—506, 19 South LaSalle street; secretary, George C. Lazear.
 Luther League of Chicago—Secretary, Miss Hattie M. Miller, 1649 North Humboldt street.
 Lutheran Ministers' Association—President, Rev. L. Harrisville, 1406 Washtenaw avenue.
 National Christian Association—850 West Madison street; secretary, William I. Phillips.
 Presbyterian Brotherhood of Chicago—Secretary, Calvin Mills, 509 South Wabash avenue.
 Presbyterian Ministerial Association—Secretary, Rev. Edwin R. Worrell; meets Monday forenoons at 509 South Wabash avenue.
 Presbyterian Social Union—Secretary, Thomas G. McCulloh, 5130 Hibbard avenue.
 Young Men's Christian Association—19 South LaSalle street; general secretary, L. Wilbur Messer.
 Young Women's Christian Association—830 South Michigan boulevard; corresponding secretary, Mrs. William W. Abbott.

THE CHICAGO ASSOCIATION OF COMMERCE.

President—Howard Elting.
 Vice President for Interstate Division—Edward E. Gore.
 Vice-President for Civic-Industrial Division—W. W. Buchanan.
 Vice-President for Local Division—W. K. Greenebaum.
 Vice-President for Foreign Trade Division—J. J. Arnold.
 General Secretary—Elmer T. Stevens.
 General Treasurer—Joseph R. Noel.
 OFFICIAL STAFF.
 Business Manager—Hubert F. Miller.
 Editor "Chicago Commerce"—William Hudson Harper.
 Traffic Director—H. C. Barlow.
 Industrial Commissioner—W. R. Humphrey.
 Manager Bureau of Conventions—George M. Spangler, Jr.
 Headquarters—10 South LaSalle street.
 Directors—Elmer H. Adams, James S. Agar, J. J.

Arnold, Joseph Beifeld, W. W. Buchanan, Frank M. Bunch, Edward C. Brown, Richmond Dean, W. P. Dunn, Howard Elting, F. E. French, W. A. Gardner, Edward E. Gore, W. K. Greenebaum, E. U. Kimbark, O. T. McClurg, Frank R. McMullin, James W. Morrisson, Joseph R. Noel, William Reiss, G. K. Sage, Frank L. Shepard, John F. Smulek, Elmer T. Stevens, A. L. Stone, Arthur C. Sullivan, Harry A. Wheeler.

TUNNELS UNDER THE CHICAGO RIVER.

Washington Street—Built, 1867-1869; length, 1,605 feet; cost, \$517,000; rebuilt, 1909-1911.
 LaSalle Street—Built, 1869-1871; length, 1,890 feet; cost, \$566,000; rebuilt, 1909-1912; length, 2,000 feet; cost, \$1,200,000.
 Van Buren Street—Built, 1891-1892; length, 1,514 feet; cost, \$1,000,000; rebuilt, 1909-1912.
 All used for street railway purposes.

POLICE HEADQUARTERS AND STATIONS IN CHICAGO.

General headquarters in city hall.

DIVISION HEADQUARTERS.

1. 625 South Clark street.
2. 5233 Lake avenue.
3. 4736 South Halsted street.
4. Maxwell and South Morgan streets.
5. 120 North Desplaines street.
6. 1123 West Chicago avenue.
7. 115 West Chicago avenue.

PRECINCT STATIONS.

1. 367 West Madison street.
2. 625 South Clark street.
3. 210 West 22d street.
4. 2523 Cottage Grove avenue.
5. 454 East 35th street.
6. 740 West 35th street.
7. 2913 Loomis street.
8. 3900 South California avenue.
9. 11115 Commercial avenue.
10. 5233 Lake avenue.
11. State and 50th streets.
12. 6344 Jefferson avenue.
13. 834 East 75th street.
14. 200 East 115th place.
15. 2638 East 89th street.
16. 3525 East 106th street.
17. 6345 Wentworth avenue.
18. West 85th and South Green streets.

19. 4736 South Halsted street.
20. 1700 West 47th street.
21. 943 Maxwell street.
22. 2075 Canalport avenue.
23. 1700 West 21st place.
24. 2250 West 13th street.
25. 27th street and South Lawndale avenue.
26. South 40th avenue and Fillmore street.
27. 120 North Desplaines street.
28. 1637 West Lake street.
29. 2433 Warren avenue.
30. 4250 West Lake street.
31. 5610 West Lake street.
32. 1123 West Chicago avenue.
33. 1312 West North avenue.
34. 2256 West North avenue.
35. 3138 North California avenue.
36. 3973 Milwaukee avenue.
37. 4905 Grand avenue.
38. 115 West Chicago avenue.
39. 1501 Hudson avenue.
40. 2126 North Halsted street.
41. 2742 Sheffield avenue.
42. 3600 North Halsted street.
43. 3801 North Robey street.
44. 1940 Foster avenue.
45. 7075 North Clark street.

WORK OF CHICAGO POLICE DEPARTMENT (1911).

PERSONS ARRAIGNED IN COURT.

	Male.	Female.	Total.
Total number.....	71,104	9,545	80,649
Married.....	27,032	4,190	31,222
Single.....	44,072	5,355	49,427
Under 16.....	45	2	47
From 16 to 20.....	7,887	536	8,423
From 20 to 25.....	16,898	2,457	19,355
From 25 to 30.....	13,977	2,093	16,075
From 30 to 40.....	17,622	2,480	20,102
From 40 to 50.....	9,459	1,344	10,803
From 50 to 60.....	3,935	482	4,417
Over 60.....	1,281	146	1,427

OCCUPATION OF PRISONERS.

Actors.....	148	Masons.....	412
Agents.....	774	Merchants.....	1,078
Artists.....	48	Midwives.....	17
Attorneys.....	73	Milkmen.....	78
Bakers.....	350	Miners.....	25
Barbers.....	527	Molders.....	299
Barkeepers.....	785	Musicians.....	168
Billposters.....	41	No occupation.....	9,610
Blacksmiths.....	174	Painters.....	1,209
Boilermakers.....	160	Pattermakers.....	9
Bakers.....	110	Peddlers.....	2,093
Butchers.....	567	Physicians.....	227
Carpenters.....	1,269	Plasterers.....	172
Chaufeurs.....	2,850	Plumbers.....	333
Cigarmakers.....	187	Pollicemen.....	47
Clergymen.....	17	Porters.....	1,056
Clerks.....	3,885	Printers.....	679
Confectioners.....	46	Prostitutes.....	1,469
Cooks.....	569	Roofers.....	112
Dentists.....	31	Sailors.....	218
Detectives.....	16	Salesmen.....	1,399
Draughtsmen.....	104	Shoemakers.....	826
Druggists.....	104	Servants.....	1,469
Electricians.....	400	Steamfitters.....	238
Engineers.....	399	Soldiers.....	32
Farmers.....	138	Stock dealers.....	314
Firemen.....	383	Stonecutters.....	72
Florists.....	39	Street car employes.....	263
Grocers.....	157	Students.....	189
Horsehoers.....	93	Tailors.....	1,223
Housekeepers.....	3,763	Teamsters.....	5,566
Janitors.....	517	Tinsmiths.....	123
Jewelers.....	91	Undertakers.....	34
Junk dealers.....	143	Upholsterers.....	2
Laborers.....	20,739	Wagonmakers.....	55
Lathers.....	70	Watchmen.....	185
Letter carriers.....	15	Other occupations.....	7,852
Liverymen.....	62		
Machinists.....	1,510		

NATIVITY OF PRISONERS.

	1911.	1910.	1909.	1908.	1907.	1906.
American.....	42,729	40,395	36,174	33,627	31,084	45,162
Colored.....	5,949	5,434	4,852	3,871	4,653	6,465
Austrian.....	1,817	1,808	1,436	998	896	1,098
Bohemian.....	1,050	1,320	1,051	1,044	1,067	1,103
Canadian.....	537	552	483	435	478	554
Chinese.....	245	83	134	168	187	1,022
Danish.....	356	280	293	258	228	312
English.....	667	655	593	517	485	646
French.....	236	189	220	205	199	233
German.....	4,645	4,071	4,314	4,370	4,001	5,119
Greek.....	1,793	1,391	997	1,069	899	1,156
Hollander.....	128	144	149	103	110	94
Italian.....	2,768	2,805	1,831	1,761	1,416	1,715
Irish.....	2,479	2,666	2,334	2,147	2,303	2,948
Norwegian.....	598	657	550	568	506	634
Polish.....	6,728	6,527	5,180	5,459	4,572	4,251
Russian.....	3,655	3,326	2,557	2,319	1,927	2,450
Scotch.....	335	354	300	251	215	280
Swedish.....	1,460	1,589	1,368	1,164	1,223	1,431
Swiss.....	63	65	68	64	61	91
Others.....	2,411	2,320	1,794	2,987	1,492	1,628
Total.....	77,218	66,695	63,385	58,002	73,392	

DISPOSITION OF CASES IN MUNICIPAL COURT.

	Male.	Female.	Total.
Held to grand jury.....	2,648	135	2,783
Held to Juvenile court.....	60	4	64
Fined.....	26,890	3,632	30,612
Discharged.....	43,663	5,371	49,034
Released on peace bonds.....	84	36	120
Sent to jail or house of correct'n.....	1,031	85	1,116
Otherwise disposed of.....	850	22	872

CLASSIFICATION OF CHARGES.

FELONIES.

	1911.	1910.	1909.	1908.	1907.
Abandonment of child.....	1	2	6	2	1
Abduction.....	22	23	18	26	28
Abortion.....	17	10	17	16	21
Arson or attempt to commit arson.....	100	45	13	21	19
Rigamy.....	21	26	26	20	26
Burglary.....	1,183	1,124	1,229	1,634	1,415
Burglary, accessory to.....	29	17	9	40	15
Burglary, attempt to commit.....	87	58	73	83	60
Children, crime against.....	80	78	77		
Children, contributing to delinquency of....	666	692	523		

	1911.	1910.	1909.	1908.	1907.
Confidence game.....	641	599	621	647	497
Conspiracy.....	53	38	45	.....	.....
Counterfeiting.....	7	.....	5	8	.....
Embezzlement.....	272	234	230	137	150
Forgery.....	87	59	74	89	73
Having burglars' tools	5	3	8	.....	.....
Kidnaping.....	18	27	14	9	3
Larceny and larceny as bailee.....	3,977	4,007	4,369	5,224	5,420
Larceny, accessory to.	35	23	40	19	21
Larceny, attempt to commit.....	18	11	13	.....	.....
Malicious mischief.....	212	219	264	231	372
Manslaughter.....	33	20	22	18	25
Mayhem.....	25	20	18	27	34
Murder.....	88	61	73	53	73
Murder, accessory to.	15	22	13	10	17
Murder, assault to commit.....	391	312	261	328	393
Perjury.....	16	9	19	19	26
Receiv'g stolen prop'y	389	413	465	429	404
Robbery.....	852	679	507	709	719
Robbery, accessory to.	18	23	9	17	11
Robbery, assault to commit.....	138	105	165	142	173
Other felonies.....	42	41	430	576	621

MISDEMEANORS.					
	1911.	1910.	1909.	1908.	1907.
Abandonment of wife or children.....	1,104	1,076	932	965	873
Assault.....	875	714	682	730	2,325
Assault with deadly weapon.....	1,193	1,080	993	1,036	1,212
Carrying concealed weapon.....	1,203	970	836	948	1,078
Compounding a felony	4	3	28	.....	.....
Cruelty to animals.....	100	368	289	350	388
Cruelty to children.....	12	14	11	26	35
Disorderly conduct.....	49,384	51,791	43,398	40,875	35,650
Doing business with- out license.....	934	1,189	941	392	224
Gaming devices, hav'g	29	35	34	112	115
Gaming house, inn, of	2,579	1,230	1,531	1,671	1,561
Gaming house, kpr., of	330	386	505	454	408
Intimidation.....	24	5	5	4	18
Impersonat'g an officer	43	54	65	60	49
Opium den, innts. of.	34	37	102	176	74
Resisting an officer.....	350	359	348	372	506
Riot.....	18	16	5	32	25
Selling liquor to mi- nor or drunkards...	32	79	158	160	43
Threats, extortion by	24	15	13	10	9
Vagrancy.....	795	1,572	1,040	1,196	542
Total*.....	84,838	81,269	70,575	68,220	63,132
*Including crimes not specified in above list.					

SUMMARY OF POLICE WORK BY YEARS.

Year.	No. officers and men.	Arrests.*	Fines imposed.	Property recovered.	Salaries.	Miscellaneous expenditures.	Total expenditures.
1886.....	1,032	44,261	\$202,036.00	\$149,988.52	\$1,084,259.25	\$108,510.31	\$1,192,769.56
1887.....	1,145	46,505	259,249.00	168,023.03	1,199,022.28	106,539.79	1,305,562.07
1888.....	1,255	50,432	305,176.00	193,141.67	1,297,379.20	177,756.12	1,475,135.32
1889.....	1,624	48,119	275,925.00	206,822.12	1,432,189.25	170,405.35	1,602,594.60
1890.....	1,900	62,280	368,938.00	228,835.73	2,066,308.92	133,818.04	2,200,126.96
1891.....	2,205	70,550	464,850.02	309,585.45	2,488,981.24	136,067.21	2,622,048.45
1892.....	2,726	89,833	615,822.10	319,305.00	2,822,220.27	212,823.65	3,035,043.72
1893.....	3,189	96,676	523,359.00	294,129.83	3,287,530.84	263,026.86	3,550,557.90
1894.....	3,188	88,263	452,340.00	392,082.14	3,433,129.30	210,806.87	3,643,936.17
1895.....	2,850	83,434	301,655.00	360,358.82	3,253,195.20	166,619.60	3,419,814.80
1896.....	3,033	96,847	300,319.00	429,882.00	3,150,569.19	153,839.58	3,304,408.77
1897.....	3,551	83,680	216,284.00	390,628.89	3,290,419.66	167,163.69	3,457,583.75
1898.....	3,594	77,441	212,056.00	372,934.73	3,281,092.08	160,777.77	3,441,869.85
1899.....	3,267	71,349	203,687.00	339,914.59	3,257,256.17	181,318.28	3,438,574.45
1900.....	3,314	70,438	219,902.00	414,181.87	3,230,627.63	154,532.41	3,385,160.91
1901.....	2,782	69,440	258,006.00	381,054.45	3,260,608.80	148,398.15	3,409,006.95
1902.....	2,732	70,314	245,440.00	436,792.73	3,179,948.96	158,833.67	3,338,782.63
1903.....	2,773	77,763	330,026.00	392,181.63	3,420,079.92	149,397.85	3,569,477.77
1904.....	2,676	79,026	393,003.00	298,696.07	3,363,059.47	182,882.36	3,545,941.83
1905.....	2,590	82,572	440,021.00	382,159.61	3,551,447.60	409,826.87	3,961,274.47
1906.....	3,578	91,471	527,450.00	545,048.35	3,796,430.94	274,771.42	4,071,202.36
1907.....	4,110	63,132	477,069.00	498,571.63	4,822,509.36	565,600.65	5,388,110.31
1908.....	4,293	68,220	384,518.00	668,285.17	5,407,117.87	296,799.46	5,703,917.01
1909.....	4,706	70,575	364,509.00	735,957.75	5,544,545.68	266,072.89	5,810,618.57
1910.....	4,260	81,269	445,232.00	1,148,851.00	5,611,840.47	213,614.40	5,825,454.87
1911.....	4,926	84,838	531,316.00	1,634,148.46	5,846,167.52	295,464.80	6,141,632.32

*Charges brought.

EXECUTIONS IN COOK COUNTY.

John Stone.....	July 10, 1840	George H. Painter.....	Jan. 26, 1894	George Dolinski.....	Oct. 11, 1901
William Jackson.....	June 19, 1857	Thomas ("Buff") Higgins.....	.....	Louis G. Toombs.....	Aug. 8, 1902
Albert Staub.....	April 20, 1858	.....	March 23, 1894	Peter Pesant.....	April 15, 1904
Michael McNamee.....	May 6, 1859	Patrick E. J. Prendergast.....	.....	Louis Niedemeyer.....	April 22, 1904
Walter Fleming.....	Dec. 15, 1865	.....	July 13, 1894	Gustav Marx.....	April 22, 1904
Jerry Corbett.....	Dec. 15, 1865	Harry ("Butch") Lyons.....	.....	Harvey Van Dine.....	April 22, 1904
George Driver.....	March 14, 1873	.....	Oct. 11, 1895	Frank Lewandowski.....	Sept. 30, 1904
Chris Rafferty.....	Feb. 27, 1874	Henry Foster (col.).....	Jan. 24, 1896	John Johnson.....	Jan. 20, 1905
George Sherry.....	June 21, 1878	Alfred C. Fields (col.).....	May 15, 1896	Robert E. Newcomb.....	Feb. 16, 1906
Jeremiah Connolly.....	June 21, 1878	Joseph Windrath.....	June 5, 1896	John Miller.....	Feb. 16, 1906
James Tracey.....	Sept. 15, 1882	Julius Manow.....	Oct. 30, 1896	Johann Hoch.....	Feb. 23, 1906
Isaac Jacobsen.....	Sept. 19, 1884	Daniel McCarthy.....	Feb. 19, 1897	Richard G. Ivens.....	June 22, 1906
Ignazio Sylvestri.....	Nov. 14, 1885	John Lattimore (col.).....	May 28, 1897	Daniel Francis (col.).....	Oct. 12, 1906
Agostino Gilardo.....	Nov. 14, 1885	Wm. T. Powers (col.).....	May 28, 1897	Richard Walton (col.).....	Dec. 13, 1907
Giovanni Azzaro.....	Nov. 14, 1885	Chris Merry.....	April 22, 1898	William Johnson (col.).....	Oct. 22, 1909
Frank Mulkowski.....	March 26, 1886	John Druggan.....	Oct. 14, 1898	Ewald Shblawski.....	Feb. 16, 1912
Albert Parsons.....	Nov. 11, 1887	George H. Jacks.....	Oct. 14, 1898	Frank Shblawski.....	Feb. 16, 1912
August Spies.....	Nov. 11, 1887	Robert Howard (col.).....	Feb. 17, 1899	Philip Sommerling.....	Feb. 16, 1912
George Engel.....	Nov. 11, 1887	August A. Becker.....	Nov. 10, 1899	Thomas Schultz.....	Feb. 16, 1912
Zephyr Davis (col.).....	May 12, 1888	Michael E. Rollinger.....	Nov. 17, 1899	Thos. Jennings (col.).....	Feb. 16, 1912

John Stone was executed publicly on the prairie on the south side. William Jackson and Albert Staub were also executed publicly, but on the west side. After that executions were private and took place in the courthouse until 1873, since which time they have taken place in the county

jail on the north side. Rafferty was hanged in Waukegan for murder in Chicago. All the executions have been on Fridays except those of Sylvestri, Gilardo, Azzaro and Zephyr Davis, which occurred on Saturdays.

CHICAGO TELEPHONE ORDINANCE AND RATES.

Passed by city council Nov. 6, 1907.

The Chicago Telephone company is authorized to operate its telephone wires in the city until Jan. 2, 1929. Its books and records are to be open for examination by the city comptroller and its accounts may be audited for the purpose of verifying the statement of gross receipts, of which 3 per cent is to be paid into the city treasury as compensation for the franchise. The city is to have free telephone service. The city reserves to itself the right to change the rates or tolls from time to time and to modify the rules and regulations. It is provided, however, that such changes shall not be made to continue for a period of more than or of less than five years. The company shall not make any rate agreements or division of territory with any other company. The right to purchase the plant of the company on Jan. 1, 1919, or Jan. 1, 1924, is reserved to the city, the price to be fixed by appraisers. The maximum rates fixed by the ordinance are as follows:

BUSINESS TELEPHONES.**FLAT RATE.**

For a single-party line with the right to the unlimited use of the same, \$125 a year.

MEASURED RATE.

For a single-party line, including 1,200 outgoing conversations or messages, \$60 a year.

For the next 2,400 outgoing messages, or any part thereof, during the year, 3 cents each.

For all outgoing messages in excess of 3,600 during the year, 2 cents each.

Every subscriber who will contract to pay for 7,200 outgoing messages a year at the above rates shall be furnished with a second single-party line without extra charge, and every subscriber shall be furnished with an additional single-party line without extra charge for each 6,000 outgoing messages he will contract to pay for, in addition to the 7,200 during the year at the rate of 2 cents each.

A single-party line or lines, including the right to transmit outgoing messages without limit and without any charge per message, shall be furnished at \$1 per day each. Subscribers to single-party lines at this rate shall be deemed subscribers to measured service. Every subscriber to measured service shall also be furnished with as many single-party lines as he may demand at the rate of \$6 per quarter for each line.

RESIDENCE TELEPHONES.

For a single-party line, including all outgoing messages, \$18 per quarter.

For a two-party line, \$14 per quarter.

NICKEL PREPAID SERVICE.

Nickel prepayment service with outgoing messages at 5 cents each, as follows:

One-party line, at a guaranty of 20 cents a day, including four messages.

Two-party line, at a guaranty of 12½ cents a day, including two and a half messages.

Two-party line, for residences only, at a guaranty of 10 cents a day, including two messages.

Four-party line, for residences only, at a guaranty of 5 cents per day, including one message.

PUBLIC TELEPHONE SERVICE.

The charge for a single conversation or message from any telephone in Chicago to any other telephone in the city shall not exceed 5 cents.

NEIGHBORHOOD EXCHANGE SERVICE.

The company may maintain local or neighborhood exchanges and shall establish them wherever the city council may direct. Any subscriber in any such exchange may communicate with any telephone within the city limits outside the neighborhood district, for which a charge of 5 cents may be made for each period of 5 minutes or fraction thereof. The rates per month for local exchange service, including all outgoing messages under yearly contracts, shall not exceed the following:

	Line.	Business.	Residence.
One-party		\$4.00	\$3.00
Two-party		3.00	2.00
Four-party		2.00	1.50

TOLL SERVICE.

The company shall not charge more than 10 cents for each conversation or message up to three minutes (and not more than 5 cents for each additional minute), transmitted from any telephone in Chicago to any other telephone outside the city but within fifteen miles of the present city hall, or within one mile of the city limits and within the state of Illinois.

METERS.

The company shall install in connection with each measured-service line of its subscribers a meter which shall prove effective in actual use for accurately recording the number of outgoing messages over the line.

CHICAGO AND CALUMET HARBOR LIGHTS AND FOG SIGNALS.**CHICAGO HARBOR—LIGHTS.**

On the southerly end of the northerly inner breakwater, a fixed red light in gray conical metal tower 31½ feet high; light visible 9¾ miles.

On the northerly end of the inner breakwater, a fixed white light from lens lantern shown from top of white post 19 feet high.

On the easterly end of the north pier at the entrance of Chicago river, a fixed red light shown from lens lantern on post 22 feet high; with the next light it forms a range showing the direction of the piers and course for entering the harbor.

On the north pier, near its easterly end, at the entrance to Chicago river, a fixed white light, in gray framework tower 27 feet high; light visible 13 miles.

In 30 feet of water, inside of and near the southeasterly end of the outer breakwater; flashing alternately red and white; interval between flashes, 10 seconds; red conical tower on rock-faced masonry tower, 59½ feet high; light 67½ feet above lake level and visible 16 miles.

On the northwesterly end of the outer breakwater, a fixed red light, shown from lens lantern in gray skeleton metal tower 19 feet high; height of lantern above lake level 55 feet.

CHICAGO HARBOR—FOG SIGNALS.

On the north pier in front of and attached to the light tower, a bell, struck by machinery, a double and single blow alternately with interval of 20 seconds.

At the light tower near the southeasterly end of the outer breakwater, a 10-inch steam whistle; blasts 5 seconds, silent intervals 25 seconds.

CALUMET HARBOR—LIGHTS.

Calumet bar gas buoy, moored in 21 feet of water, on the northerly end of the Calumet bar; fixed white light with 10-second eclipse, shown from lens lantern.

On the southeasterly end of the new breakwater, a fixed white light, shown from buff metal tower 34 feet high; light visible 13¾ miles.

On the outer end of the north pier, entrance to the mouth of the Calumet river and South Chicago harbor and about 11 miles southeasterly from the Chicago breakwater, a fixed red light, shown from gray cylindrical tower 30 feet high; light visible 13 miles.

CALUMET HARBOR—FOG SIGNALS.

At the breakwater tower, a first-class compressed-air siren which sounds thus: Blast, 3 seconds; silent interval, 12 seconds; blast, 3 seconds; silent interval, 42 seconds.

At the north pier light, a bell struck by machinery every 20 seconds.

CHICAGO THEATERS.

Seating capacity given in parentheses.

- Academy (1,467)—16 South Halsted street.
 Alhambra (1,461)—State street and Archer avenue.
 American (1,200)—Wabash avenue and Peck court.
 Archer (800)—3510 Archer avenue.
 Auditorium (3,747)—Congress-st. and Wabash-av.
 Bijon (1,238)—300 South Halsted street.
 Blackstone (1,200)—Hubbard-ct., near Michigan-av.
 Bush Temple (845)—110 West Chicago avenue.
 Calumet (895)—9206 South Chicago avenue.
 Casino (1,217)—403 North Clark street.
 Chicago Opera House (1,347)—107 W. Washington-st.
 Clark (670)—4533 North Clark street.
 Cohan's Grand (1,379)—121 North Clark street.
 Coliseum (15,000)—Wabash avenue, near 16th street.
 College (1,325)—Webster and Sheffield avenues.
 Colonial (1,447)—26 West Randolph street.
 Columbia (1,193)—North Clark, near Madison street.
 Columbus (1,324)—1840 Wabash avenue.
 Cort (962)—Dearborn street, near Randolph.
 Criterion (1,233)—1226 Sedgwick street.
 Crown (1,458)—Ashland avenue and Division street.
 Empire (1,332)—673 West Madison street.
 Folly (976)—631 South State street.
 Garrick (1,257)—60 West Randolph street.
 Globe (1,390)—709—South Wabash avenue.
 Hamlin (1,215)—3826 West Madison street.
 Harrison (617)—501 South Kedzie avenue.
 Haymarket (1,800)—722 West Madison street.
 Hegewisch Opera House (330)—13305 Erie avenue.
 Howard (758)—3175 Lincoln avenue.
 Hyde Park (634)—5500 Lake avenue.
 Illinois (1,282)—75 East Jackson boulevard.
 Imperial (1,300)—2329 West Madison street.
 Indiana (750)—228 East 43d street.
 Julian (799)—920 Belmont avenue.
 Kedzie (1,461)—West Madison-st. and Kedzie-av.
 LaSalle (767)—110 West Madison street.
- Lyceum (476)—3851 Cottage Grove avenue.
 Lyda (543)—317 North 48th avenue.
 Lyric (1,350)—26 West Jackson boulevard.
 Lyric (560)—115th street and Michigan avenue.
 Majestic (1,986)—18 West Monroe street.
 Marlowe (1,139)—Stewart avenue and W. 63d street.
 Marshfield (1,077)—3305-11 North Marshfield avenue.
 McVicker's (1,868)—23 West Madison street.
 National (1,400)—6235 South Halsted street.
 North Avenue (1,300)—316 West North avenue.
 Oak (1,054)—2000 North Western avenue.
 Olympic (1,760)—165 North Clark street.
 Orchestra Hall (2,556)—216 South Michigan avenue.
 Orpheum (670)—110 South State street.
 Palace (1,303)—North Clark street, near Randolph.
 Palace (1,433)—1135 Blue Island avenue.
 Parkway (757)—2636-2638 North Clark street.
 Pekin (739)—2700 State street.
 People's (964)—Van Buren and Leavitt streets.
 Powers' (1,106)—124 West Randolph street.
 President (700)—55th street, near Calumet avenue.
 Princess (934)—319 South Clark street.
 Roseland (496)—11307 Michigan avenue.
 St. Alphonse (1,004)—Southport and Lincoln avenues.
 Star (1,500)—1455 Milwaukee avenue.
 Star and Garter (1,897)—815-817 West Madison street.
 Studebaker (1,320)—418 South Michigan avenue.
 Swanson (500)—3563 Cottage Grove avenue.
 Thalia (800)—1215 West 18th street.
 Thirty-First Street (737)—77 31st street.
 Trevett (900)—Cottage Grove-av. and 63d street.
 Victoria (1,800)—Belmont and Sheffield avenues.
 Virginia (800)—Halsted and West Madison streets.
 Whitney (708)—66 East Van Buren street.
 Willard (1,177)—340 East 51st street.
 Wilson (1,000)—Wilson and Evanston avenues.

Nov. 25, 1912, there were 745 theaters of all kinds in Chicago, including those under construction.

CHARITY ORGANIZATIONS IN CHICAGO.

- American National Red Cross Society (Illinois branch)—Secretary, James Whittaker, Springfield, Ill.; treasurer, Orson Smith, 112 West Adams street.
 Associated Jewish Charities of Chicago—916, 39 North LaSalle street; president, Julius Rosenwald; secretary, Milton F. Goodman.
 Austro-Hungarian Benevolent Association—Secretary, Gustave F. Fischer, 1430, 134 South LaSalle street.
 Chicago Daily News Fresh-Air Fund—Manager, H. L. Rogers, Sanitarium, Lincoln park, foot of Fullerton avenue.
 Children's Benefit League—President, Mrs. Edward Tilden; corresponding secretary, Mrs. Charles Salmon.
 Children's Day Association—President, Mrs. L. L. Funk; corresponding secretary, Mrs. L. H. Manson.
 Elizabeth McCormick Memorial Fund—City Club building, sixth floor; director, Sherman C. Kingsley.
 Frances Juvenile Aid Association—President, Dr. Rose D. Howe; corresponding secretary, Mrs. George W. Halleman.
 Hungarian Charity Society of Chicago—President, Samuel Kohn; secretary, Leo Newman, 2603 Evergreen avenue.
 Illinois Charitable Relief Corps—President, John McShane; secretary, Miss Bessie Crowley, 3440 North Marshfield avenue.
 Illinois Children's Home and Aid Society—President, R. J. Bennett; secretary and superintendent, H. W. Thurston, 601, 127 North Dearborn street.
 Infant Welfare Society—President, Lucius Teter; secretary, Dr. Frank S. Churchill.
 Jewish Aid Society—1336 South Morgan street; president, Solomon L. Sulzberger; secretary, Louis M. Cahn.
 Mothers' Relief Association—President, Mrs. E. B. Sherman; recorder, Mrs. E. R. Blake.
 Societe Francaise de Bienfaisance de l'Illinois—President, Z. P. Brosseau; secretary, J. S. Townsend, 1554 Wabash avenue.
 Societe Francaise de Secours Mutuels—President, F. Mercier; secretary, Gaston Block, 32 South Clark street.
 United Charities of Chicago—Secretary, Walter S. Brewster; office, 167 North LaSalle street; superintendent, Eugene T. Lies.
 Young Men's Jewish Charities Association—President, Isaac Rothschild; secretary, Edward G. Felsenthal.

SOCIETIES OF ARTISTS AND ART CLUBS.

- Art Students' League—Art institute; president, Walter S. Louderback; secretary, Laura Stoddard.
 Chicago Arts and Crafts Society—Secretary, R. R. Jarvie, 1340 East 47th street.
 Chicago Camera Club—31 West Lake street; president, George C. McKee; secretary, E. J. Sturtz.
 Chicago Ceramic Art Association—Art institute; president, Margaret E. Iglehart; corresponding secretary, Mrs. Isabelle C. Kissinger, 5658 Michigan avenue.
 Chicago Public School Art Society—President, Mrs. John H. Buckingham; corresponding secretary, Mrs. Alfred M. Walter, 2729 Prairie avenue.
 Chicago Society of Artists (organized 1902)—President, Charles Francis Browne; secretary, George F. Schultz, 818 Schiller building; meets in Art institute.
 Chicago Water Color Club (organized 1907)—President, George F. Schultz; secretary, Dudley Crafts Watson.
 Municipal Art League of Chicago—President, Ralph Clarkson; secretary, Kenneth S. Goodman.
 Palette and Chisel Club—President, A. E. Hayden; secretary, Gordon St. Clair.

CHICAGO BOARD OF EDUCATION.

Offices on the sixth, seventh and eighth floors of the Tribune building.

President—James B. McFatrigh, M. D.

Vice-President—Peter Reinberg.

Secretary—Lewis E. Larson.

Assistant Secretary—C. N. Fessenden.

MEMBERS.

Terms expire.

Daniel R. Cameron.....	1913
Alfred B. Urion.....	1913
Dr. Otto F. Warning.....	1913
Peter Reinberg.....	1913
Dr. John Guerin.....	1915
Dean Walter T. Sumner.....	1915
Julius F. Smetanka.....	1915
Dr. James B. McFatrigh.....	1913
Nathaniel C. Sears.....	1913
William A. Vincent.....	1913
John C. Harding.....	1914
Charles O. Sethness.....	1914
Harry A. Lipsky.....	1914
Mrs. John McMahon.....	1914
David M. Pfelzer.....	1914
James B. Dibelka.....	1914
Henry W. Huttman.....	1914
John J. Sonstebly.....	1915
Thomas Kelly.....	1915
Charles F. Erikson.....	1915
William Rothmann.....	1915

STANDING COMMITTEES (1912-1913).

School Management—Dean Sumner, chairman; Messrs. Vincent, Cameron, Guerin, Smetanka, Sears, Lipsky, Pfelzer, Sonstebly and Mrs. McMahon. Member ex officio, the president.

Committee on Buildings and Grounds—Mr. Sethness, chairman; Messrs. Urion, Warning, Harding, Huttman, Reinberg, Dibelka, Erikson and Kelly. Member ex officio, the president.

Committee on Finance—Mr. Reinberg, chairman; Messrs. Spears, Pfelzer, Erikson and chairman of other two committees. Member ex officio, the president.

Meetings of Board—On alternate Saturday afternoons.

SUPERINTENDENTS.

Superintendent—Dr. Ella Flagg Young.
First Assistant Superintendent—John D. Shoop.
Assistant Superintendent—William M. Roberts.
Bureau of Compulsory Education—W. L. Bodine.
Superintendent of Parental School—Peter A. Mortenson.

DISTRICT SUPERINTENDENTS.

- | | |
|----------------------|-------------------------|
| 1. Ella C. Sullivan. | 6. Kate S. Kellogg. |
| 2. William C. Dodge. | 7. Edward C. Rosseter. |
| 3. Charles D. Lowry. | 8. Gertrude E. English. |
| 4. Rufus M. Hitch. | 9. Orville T. Bright. |
| 5. Henry C. Cox. | 10. Minnie R. Cowan. |

SUPERVISORS.

Physical Education—Henry Suder.
Technical Work in High Schools—Robert M. Smith.
Household Arts and Science—Mary S. Snow.
Schools for Blind—John B. Curtis.
German—Martin Schmidhofer.
Elementary Manual Training and Construction Work—Edward F. Worst.

OFFICE HOURS.

General offices open from 9 a. m. to 5 p. m.; Saturday to 12 m.
Business manager, 4 p. m. to 5 p. m.; Saturday, 9 a. m. to 12 m.
Superintendent, Tuesday, Wednesday and Thursday, 2 p. m. to 4 p. m.; Saturday, 9 a. m. to 12 m.
District superintendents, Saturdays, 9 a. m. to 10:15 a. m. and 4 p. m. to 5 p. m. on stated days.

SCHOOLS OF CHICAGO.

With the location and principal of each.

Chicago Teachers' College—68th street and Stewart avenue; William Bishop Owen.

Parker Practice School—68th street and Stewart avenue; Charles W. French.

Haines Practice School—23d place and Wentworth avenue; William C. Payne.

Carter Practice—Wabash avenue and 61st street; Abby E. Lane.

Chicago Parental School—West Foster and North Central Park avenues; Peter A. Mortenson, superintendent.

HIGH SCHOOLS.

Austin—Frank street and Walnut avenue; George H. Rockwood.

Bowen—38th street and Manistee avenue; Charles I. Parker.

Calumet—Normal avenue, near 81st street; Avon S. Hall.

Crane Technical—West Van Puren street and Oakley boulevard; William J. Bartholf.

Curtis (high school department)—14th and State streets; Thomas C. Hill.

Englewood—Stewart avenue and 62d street; James E. Armstrong.

Harrison Technical—Spaulding avenue and 24th street; Frank L. Morse.

Flower Technical—26th street and Wabash avenue; Dora Wells.

Hyde Park—56th street and Kimbark avenue; (new) 62d street and Stony Island avenue; Hiram B. Loomis.

Lake—Union avenue and West 47th place; Edward F. Stearns.

Lake View—Ashland avenue and Irving Park boulevard; Benjamin F. Buck.

Lane Technical—Division and Sedgwick streets; William J. Bogan.

Marshall—Adams street, near Kedzie avenue; Louis J. Block.

McKinley—Adams street and Hoyne avenue; George M. Clayberg.

Medill—14th place, near Throop street; Albert R. Sabin.

Parker—68th street and Stewart avenue; William B. Owen.

Phillips—39th street and Prairie avenue; Spencer R. Smith.

Schurz—Milwaukee avenue, Addison street and West Waveland avenue; Walter F. Slocum.

Senn—Ridge and Francis avenues; Benjamin F. Buck.

Tuley—North Claremont and Potomac avenues; Franklin P. Fisk.

Waller—Orchard and Center streets; Oliver S. Westcott.

ELEMENTARY SCHOOLS.

Adams—Townsend street, between Chicago avenue and Locust street; Inger M. Schjoldager.

Agassiz—Diversey boulevard and Seminary avenue; Lena E. Troendle.

Alcott—Wrightwood avenue and Orchard street; A. Esther Camfield.

Altgeld—71st and Loomis streets; James W. Brooks.

Andersen—Lincoln and Division streets; Francis M. McKay.

Armour—33d place and Auburn avenue; Martin E. Hurney.

Armstrong—Greenleaf avenue and Pingree street; Azile B. Reynolds.

Arnold—Burling and Center streets; John E. Adams.

Auburn Park—Normal avenue, near 81st street; Avon S. Hall.

Audubon—Cornelia and Hoyne avenues; Mary E. Vaughan.

Avondale—North Sawyer avenue and Wellington street; John H. Stehman.

Bancroft—Maplewood avenue, near North avenue; Carrie P. Patterson.

Barr—Charles and 104th streets; Elizabeth H. Sutherland.

Bass—66th and May streets; Fulton B. Ormsby.

Beale—Sangamon and 61st streets; John W. May.

Beaubien—North 52d and Winnemac avenues; Sarah J. O'Keefe.

Beethoven (site)—North Humboldt street and Ber-teau avenue.

Beidler—Walnut street and Kedzie avenue; Jay C. Edwards.
 Belding—North 42d court and West Cullom avenue; Delos Buzzell.
 Bismarck—Armitage and North Central Park avenues; Cora E. Lewis.
 Blaine—Grace street and Janssen avenue; Mary J. Zollman.
 Bradwell—Sherman avenue, near 77th street; Georgia A. Seaman.
 Brainerd—Washburne avenue and Leavitt street; Mina P. Scheurer.
 Brennan—Lime street, near Archer avenue; Helen C. Maine.
 Brentano—North Fairfield avenue and Schubert street; Washington D. Smyser.
 Brown—Warren avenue and Wood street; Matilda M. Niehaus.
 Brownell—Perry avenue, near 65th street; Alma M. Willard.
 Bryant—41st court, near 14th street; Ida Mighell.
 Burke—South Park avenue and 54th street; J. Clara Breesee.
 Burley—Barry avenue, near Ashland avenue; Mary F. Willard.
 Burns—Central Park avenue and 25th street; Robert Nightingale.
 Burnside—91st place and Langley avenue; Frank W. Kleder.
 Burn—Ashland and Wabansia avenues; John H. Stube.
 Burroughs—36th street and Washtenaw avenue; Elizabeth B. Letzkuss.
 Eyford (Austin)—Iowa street and Central avenue; Novella M. Close.
 Calhoun—Jackson boulevard and Francisco avenue; Luella V. Little.
 Cameron—Monticello and Potomac avenues; Herbert L. Merrill.
 Carpenter—Center avenue and Huron street; Volney Underhill.
 Chalmers—15th street and Fairfield avenue; J. Katherine Cutler.
 Chase—Cornelia court and Point place; Solon S. Dodge.
 Chicago Lawn—Homan avenue and 66th street; Helen Blanchard.
 Chopin (site)—Iowa street and Campbell avenue.
 Clarke—Ashland avenue and West 13th street; Henry G. Clark.
 Clark—13d street and Superior avenue; Flora V. Renaud.
 Cleveland—Albany avenue and Byron street; Lewis W. Colwell.
 Colman—Dearborn street, near 47th; Alfred E. Logie.
 Columbus—Angusta street, between Hoyne avenue and Leavitt street; Kate A. Reedy.
 Coonley—Leavitt street and Belle Plaine avenue; Elizabeth A. McGillen.
 Cooper—West 19th street, near Ashland avenue; Ida A. Shaver.
 Copernicus—Throop and 60th streets; Cora Cameron.
 Corkery—West 25th street and South 43d avenue; Daniel F. O'Hearn.
 Cornell—Drexel avenue, near 75th street; Flora J. Joslyn.
 Crerar—Campbell avenue, between Taylor and Fillmore streets; Henry F. Kling.
 Curtis—114th street, near State; Thomas C. Hill.
 Dante—Desplaines, Ewing and Forquer streets; Harriet F. Hayward.
 Darwin—Edgewood avenue and Catalpa court; Ernest E. Cole.
 Davis—Sacramento avenue and 39th street; Jaroslav J. Zmrhal.
 Delano (site)—Adams street and Springfield avenue.
 Devey—54th street and Union avenue; Edward McLoughlin.
 Doolittle—35th street, near Cottage Grove avenue; Frederick M. Sisson.
 Doe—Harrison street, near Halsted; Fred J. Watson.
 Douglas—32d street and Forest avenue; Lucia Johnston.
 Drake—Calumet avenue, between 26th and 28th streets; Helen W. McLaughlin.

Drummond—Clybourn place and North Lincoln street; Horace N. Herrick.
 Dunning—Addison street and 64th avenue; Mary E. Marnell.
 Earle—61st street and Hermitage avenue; Ira C. Baker.
 Emerson—Walnut and Paulina streets; Catherine A. Tibbetts.
 Emmet (Austin)—Corner Madison street and Pine avenue; Helen B. Eastman.
 Ericsson—West Harrison street, near Sacramento avenue; John M. Dugan.
 Everett—Irving avenue and 34th street; Patrick F. Haley.
 Fallon—Wallace and 42d streets; James E. McDade.
 Farragut—Spaulding avenue and 24th street; Frank L. Morse.
 Farren—Wabash avenue, near 51st street; Florence U. Colt.
 Farson—95th street and Prospect avenue; Catherine A. Burke.
 Felsenthal—Calumet avenue and 41st street; Walter J. Harrower.
 Field—Greenleaf and North Ashland avenues; Charles A. Kent.
 Fiske—62d street and Ingleside avenue; Harry T. Baker.
 Forrestville—45th street and St. Lawrence avenue; Florence Holbrook.
 Foster—Union and O'Brien streets; Mary B. Catalain.
 Franklin—Goethe street, near Wells; Etta Q. Gee.
 Froebel—21st and Robey streets; Harry S. Valle.
 Fuller—42d street and St. Lawrence avenue; Louise K. Stone.
 Fulton—Hermitage avenue and 53d street; Clara H. McFarlin.
 Gage Park—55th and Rockwell streets; Martha V. Bishop.
 Gallistel—104th street and Ewing avenue; James H. Henry.
 Garfield—Newberry avenue and 14th place; James E. Welsh.
 Gary—36th street and Lawndale avenue; Frank W. Stahl.
 Gladstone—Robey street and Washburne avenue; Daniel A. Tear.
 Goethe—Rockwell street, near Fullerton avenue; Charles S. Bartholf.
 Goodrich—Taylor and Sangamon streets; Charles J. Lunak.
 Goudy—Foster and Winthrop avenues; Harriet A. Eckhardt.
 Graham—45th street and Union avenue; Ida M. Cook.
 Grant—Wilcox avenue, near Western avenue; Sarah A. Kirkley.
 Gray—52d avenue and Grace street; Ella R. Connell.
 Greeley—Grace street and Sheffield avenue; Abigail Cannon Ellings.
 Greene—Paulina and 36th streets; Edward Wildeman.
 Gresham—85th and Green streets; Robert H. Rennie.
 Hamilton—Cornelia street and North Marshfield avenue; Elizabeth W. Murphy.
 Hamline—48th and Bishop streets; Eleanor Reese Dunn.
 Hammond—21st place, near California avenue; John A. Long.
 Hays—Princeton avenue and 46th place; Mary A. McNarney.
 Harper—65th, Wood and Honore streets; Morgan G. Hogge.
 Harvard—Harvard avenue, between 74th and 75th streets; Mary S. L. Hartigan.
 Haugan—Hamlin, Avers and Sunnyside avenues; Thomas C. Johnson.
 Haven—Wabash avenue and 15th street; Margaret Madden.
 Hawthorne—School street and Seminary avenue; George W. Davis.
 Hayes—Leavitt and Fulton streets; Simeon V. Robbins.
 Hayt—Granville avenue and Perry street; Elmer L. Kletzing.
 Headley—Lewis street and Garfield avenue; Caroline J. Utter.

- Healy—Wallace street, near 31st; Elizabeth R. Daly.
 Hedges—45th street and Winchester avenue; Marc-
 ella R. Haplan.
 Hendricks—43d street and Shields avenue; Hum-
 phrey J. Moynihan.
 Henry—West Cullom and Eberly avenues; Mary E.
 C. Lyons.
 Holden—Loomis and 31st streets; Lincoln P. Good-
 hue.
 Holmes—55th and Morgan streets; James W. Mc-
 Ginnis.
 Howe (Austin)—Laurel avenue and Superior street;
 Mary E. Vance.
 Howland—Spaulding avenue and 16th street; Amella
 D. Hookway.
 Irving—Lexington street and Hoyne avenue; John
 W. Troeger.
 Irving Park—North 41st court and Grace street;
 Mary McMahon.
 Jackson—Sholto and Better streets; William Hedges.
 Jahn—North Lincoln street and Belmont avenue;
 Cephas H. Leach.
 Jefferson—Elburn avenue and Laffin street; Catha-
 rine M. Delanty.
 Jenner—Oak street and Milton avenue; Frederick
 J. Lane.
 Jirka—17th and Laffin streets; Mary E. Rodgers.
 Jones—Plymouth court and Harrison street; Thomas
 C. M. Jamieson.
 Jungman—Nutt and West 18th streets; Sarah A.
 Fleming.
 Keith—Dearborn and 34th streets; Louise Schroll.
 Kenwood—Lake avenue and 50th street; Abigail M.
 Hunt.
 Kershaw—Union avenue, near 64th street; William
 Radebaugh.
 Key (Austin)—Ohio street and Park avenue; Lillian
 H. Wright.
 King—Harrison street, near Western avenue; El-
 len J. Hardick.
 Kinzie—Ohio street and LaSalle avenue; J. Edward
 Huber.
 Knickerbocker—Clifton and Belden avenues; Mary
 E. Guthrie.
 Kohn—104th and State streets; Charles C. Cobb.
 Komensky—Throop and 20th streets; Clara H.
 Mahony.
 Kosciuszko—Holt and Cleaver streets; Harriet P.
 Johnston.
 Kozminski—54th street and Ingleside avenue; Les-
 lie Lewis.
 Lafayette—Washtenaw avenue and Augusta street;
 Mary I. Purer.
 Langland—Cortland street, near Leavitt; Effie Tinen.
 LaSalle—Hammond and Eugene streets; Dora W.
 Zollman.
 Lawson—Homan avenue and 13th street; Charles C.
 Krauskopf.
 Lewis—Champlin—62d street and Princeton avenue;
 Henry S. Crane.
 Libby—53d and Loomis streets; M. Elizabeth Far-
 son.
 Lincoln—Hamilton court and Kemper place; Albert
 L. Stevenson.
 Linne—Sacramento avenue and School street;
 Charles A. Cook.
 Lloyd—Dickens and North 49th avenues; Jacob H.
 Hauch.
 Logan—Oakley avenue and Rhine street; James B.
 Farnsworth.
 Longfellow—35th street, near Lincoln; Mary E.
 Gilbert.
 Lowell—North Spaulding avenue and Hirsch street;
 Clarence E. De Butts.
 Madison—Madison avenue, near 75th street; Sarah
 A. Milner.
 Manierre—Hudson avenue, near Blackhawk street;
 Luman Hewes.
 Mann—37th street and Princeton avenue; Jeannette
 I. Pratt.
 Marquette—Harrison and Wood streets; Mary E.
 Tobin.
 Marsh—98th street and Exchange avenue; Elliott A.
 Hamilton.
 Marshall—Adams street, near Kedzie avenue; Louis
 J. Block.
 May—South 50th avenue and West Harrison street;
 Otto M. Becker.
 Medill—14th place, near Throop street; Albert R.
 Sabin.
 Mitchell—North Oakley avenue and Ohio street;
 Chester C. Dodge.
 Monroe—Schubert and Monticello avenues; John A.
 Wadhams.
 Montefiore—Sangamon street and Grand avenue;
 G. Ovedla Jacobs.
 Moos—California and Wabasha avenues; Esther J.
 W. Barker.
 Morris—Barry avenue and Blucher street; Luella
 Heinroth.
 Morse—Sawyer avenue and Ohio street; George L.
 Voorhees.
 Moseley—Michigan avenue and 24th street; Leone
 L. Thorne.
 Motley—North Ada street, near West Chicago ave-
 nue; G. Charles Griffiths.
 Mozart—North Hamlin and Humboldt avenues; Har-
 riet B. Davis.
 Mulligan—Sheffield avenue, near Willow street;
 Margara Schell.
 McAllister—35th and Gage streets; Rose A. Pesta.
 McClellan—Wallace and 35th streets; Mary A. For-
 kin.
 McCormick—Sawyer avenue and 27th street; Wil-
 liam H. Chamberlin.
 McCosh—Champlain avenue, near 66th street;
 Ida M. Pahlman.
 McLaren—York and Laffin streets; Carolyn G.
 Adams.
 McPherson—Lincoln street, near Lawrence avenue;
 Adelaide E. Jordan.
 Nash—North 49th avenue and West Erie street;
 Margaret S. Gill.
 Nettelhorst—Evanston and Alpine avenues; Robert
 L. Hughes.
 Newberry—Willow and Orchard streets; Dudley
 Grant Hays.
 Nixon—Dickens and North 42d avenues; Charles H.
 Ostrander.
 Nobel—North 41st avenue and Hirsch street; Marie
 A. Dunne.
 Norwood Park—Walnut street and Cheney avenue;
 Charles A. Neyall.
 Oakland—40th street and Cottage Grove avenue;
 Louise M. Ripple.
 Ogden—Chestnut and North State streets; Martha
 M. Ruggles.
 Oglesby—Green and 77th streets; Daniel J. Beeby.
 Otis—Armour street, near Ohio; G. A. Osinga.
 Parkman—51st street and Princeton avenue; John
 B. McGinty.
 Park Manor—71st street and Rhodes avenue; Gene-
 vieve Melody.
 Parkside—70th street and East End avenue; Ed-
 mund B. Smith.
 Peabody—Augusta and Noble streets; Mary H.
 Smyth.
 Penn—Avers avenue and 16th street; Bertha Ben-
 son.
 Pickard—21st place and Oakley avenue; Mary Ryan.
 Peirce (site)—Southport and Bryn Mawr avenues.
 Plamondon—15th place and Wilshtenaw avenue; Wil-
 ham W. Reed.
 Poe—106th and Fulton streets; Grace R. Barbour.
 Prescott—Wrightwood and Marshfield avenues;
 Margaret S. Fitch.
 Pulaski—Leavitt street, between Lubeck and Cob-
 lentz streets; Anna C. Goggin.
 Pullman—Morse avenue and 113th street; Daniel R.
 Martin.
 Raster—Wood and 70th streets; David L. Murray.
 Ravenswood—Paulina street and Montrose avenue;
 Josiah F. Kietzing.
 Ray—57th street and Monroe avenue; Arthur O.
 Rans.
 Raymond—Wabash avenue and 36th place; John L.
 Lewis.
 Reilly (site)—Monticello and Lawndale avenues.
 Revere—Ellis avenue and 72d street; Frank Mayo.
 Rogers—West 13th street, near Throop; Alice A.
 Hogan.
 Ryder—89th street and Lowe avenue; Minnie M.
 Wrisley.
 Ryerson—Lawndale avenue and Haron street; John
 T. Ray.
 Sawyer Avenue—Sawyer avenue and 53d street;
 Robert G. Jeffrey.

Scammon—Morgan and Monroe streets; Cecelia B. Schmek.
 Scanlan—Perry avenue, near 117th street; Alfred H. Harvey.
 Schiller—Vedder and Halsted streets; Belle B. Murphy.
 Schley—North Oakley avenue, near Potomac avenue; Minna S. Heuernamm.
 Schneider—Hoyle avenue, near Wellington street; Elizabeth E. Flisk.
 Scott—64th street and Washington avenue; John W. Akers.
 Seward—46th street and Hermitage avenue; Benjamin F. Hill.
 Sexton—Wells and Wendell streets; Visa McLaughlin.
 Shakespear—Greenwood avenue and 46th street; Walter H. Comstock.
 Sheldon—State and Elm streets; Jane S. Atwater.
 Shepard (site)—Polk street and Lawndale avenue.
 Sheridan, Mark—27th and Wallace streets; John A. Johnson.
 Sheridan, Phil—90th street and Escanaba avenue; Edward L. C. Morse.
 Sherman—Morgan street and 51st place; Levi T. Began.
 Sherwood—57th street and Princeton avenue; William J. Black.
 Shields—43d and Rockwell streets; Walter R. Hatfield.
 Skinner—Jackson boulevard and Aberdeen street; William L. Smyser.
 Smyth—13th street, near Blue Island avenue; William R. Hornbaker.
 South Deering—Calhoun and 107th streets; Adrian M. Doolin.
 Spalding—Park avenue, between Ashland avenue and Paulina street; Lucy I. Laing.
 Spencer—Park and 50th avenues; Thomas J. Plant.
 Stry—Marshall boulevard and West 24th street; William J. Frasier.
 Stewart—Kenmore avenue, between Wilson and Sunnyside avenues; Archibald O. Coddington.
 Stowe—Wabasha avenue and Ballou street; Frank A. Larek.
 Sullivan—83d street and Holston avenue; Ada Sempill.
 Sumner—43d avenue and Harrison street; Orris J. Milliken.
 Swing—String street, between 16th and 17th; Margaret C. Adams.
 Talcott—Ohio and Lincoln streets; Ambrose B. Wight.
 Taylor—Avenue J, near 100th street; Annie K. Sullivan.
 Tennyson—California avenue and Fulton street; Mary E. Fellows.
 Thomas—Belden avenue and High street; M. Theresa Norton.
 Thorp, J. N.—89th street and Superior avenue; Henry D. Hatch.
 Thorp, Ole A.—Foster and Lincoln avenues; Minnie M. Jamieson.
 Throop—Throop street, near 18th; Mary W. O'Keefe.
 Tilden—Lake and Elizabeth streets; Harriet N. Winchell.
 Tilton—West Randolph street and 44th avenue; Bertha S. Armbruster.
 Trumbull—North Ashland, Foster and Farragut avenues; Helen R. Ryan.
 Van Vlassingen—108th place, near Wentworth avenue; George A. Brennan.
 Von Humboldt—Rockwell and Hirsch streets; Mary J. W. Boughan.
 Wadsworth—Lexington avenue, near 64th street; Isabel J. Burke.
 Walsh—20th and Johnson streets; Samuel B. Allison.
 Ward—Shields avenue and 27th street; Augustus E. Dillon.
 Warren—92d street and Central avenue; Edith P. Shepherd.
 Washburne—West 14th street, near Union; Charles W. Thompson.
 Washington—North Morgan street and Grand avenue; Samuel R. Meck.
 Waters—Wilson and Campbell avenues; Esther E. Morgan.

Webster—Wentworth avenue and 33d street; Mary T. Maroney.
 Wells—Ashland avenue and Augusta street; George B. Massion.
 Wentworth—70th and Sangamon streets; William H. Campbell.
 West Pullman—120th street and Parnell avenue; Harriette T. Treadwell.
 Whitney—28th street and 40th court; Ella R. Coles.
 Whittier—Lincoln and 23d streets; Mary Greene.
 Wicker Park—Evergreen avenue, near Robey street; Fred E. Smith.
 Willard—49th street and St. Lawrence avenue; Grace Reed.
 Winth—California avenue and 26th street; Edgar W. Trout.
 Yale—70th street and Yale avenue; Wm. Schoch.
 Yates—Cortland and Humboldt streets; Blanca R. Daigger.

SALARIES IN CHICAGO SCHOOLS (1912).

(Per year unless otherwise specified.)

Superintendent	\$10,000
First assistant superintendent.....	6,000
Assistant superintendent.....	4,000
Dist. superintendents, first and second years.....	3,500
Third and subsequent years.....	4,000
Examiner.....	4,000
Supervisor physical education.....	4,000
Supervisor manual training.....	4,000
Supervisor household arts.....	3,500
Supervisor German.....	2,500
Supervisor school for blind.....	2,000
Head special teacher of music.....	2,200

DRAWING AND SINGING TEACHERS (ELEMENTARY).

First year.....	\$1,500	Sixth year.....	\$2,000
Second year.....	1,600	Seventh year.....	2,100
Third year.....	1,700	Eighth and subsequent years.....	2,200
Fourth year.....	1,800		
Fifth year.....	1,900		

HOUSEHOLD ARTS TEACHERS (ELEMENTARY).

LOWER GROUP.		UPPER GROUP.	
First year.....	\$350	First year.....	\$1,150
Second year.....	900	Second year.....	1,225
Third year.....	950	Third and subsequent years.....	\$1,300
Fourth year.....	\$1,000		
Fifth and subsequent years.....	1,075		

MANUAL TRAINING AND PHYSICAL EDUCATION TEACHERS (ELEMENTARY).

LOWER GROUP.		UPPER GROUP.	
First year.....	\$350	First year.....	\$1,200
Second year.....	925	Second year.....	1,300
Third year.....	1,000	Third year.....	1,400
Fourth and subsequent years.....	\$1,100	Fourth and subsequent years.....	\$1,500

CHICAGO TEACHERS' COLLEGE.

Principal normal school.....	\$5,000
Assistant to principal.....	3,200

HEADS OF DEPARTMENTS.		INSTRUCTORS—UPPER GROUP.	
First year.....	\$2,300	Fourth year.....	1,500
Second year.....	2,400	Fifth year.....	\$1,600
Third year.....	2,500	Sixth and subsequent years.....	1,700
Fourth year.....	2,600		
Fifth year.....	\$2,700		
Sixth and subsequent years.....	2,800		
INSTRUCTORS—LOWER GROUP.		First year.....	\$1,800
First year.....	\$1,200	Second year.....	1,900
Second year.....	1,300	Third year.....	2,000
Third year.....	1,400	Fourth year.....	2,100
		Fifth year.....	\$2,200
		Sixth and subsequent years.....	2,300

CHILD STUDY DEPARTMENT.

Director	\$3,000	Assistant director.....	\$2,800
----------------	---------	-------------------------	---------

HIGH SCHOOL PRINCIPALS.

LOWER GROUP.		UPPER GROUP.	
First year.....	\$2,200	First year.....	\$2,700
Second year.....	2,300	Second year.....	2,800
Third year.....	2,400	Third year.....	2,900
Fourth year.....	2,500	Fourth year.....	3,000
Fifth year.....	\$2,600	Fifth year.....	3,100
Sixth and subsequent years.....	2,700	Sixth year.....	3,200
		Seventh year.....	3,300

Eighth year.....	3,400	Twelfth year.....	3,800
Ninth year.....	3,500	Thirteenth year.....	3,900
Tenth year.....	3,600	Fourteenth and sub-	
Eleventh year.....	3,700	sequent years.....	4,000

HIGH SCHOOL TEACHERS.

LOWER GROUP.		UPPER GROUP.	
First year.....	\$1,000	First year.....	\$1,700
Second year.....	1,100	Second year.....	1,800
Third year.....	1,200	Third year.....	1,900
Fourth year.....	1,300	Fourth year.....	2,000
Fifth year.....	1,400	Fifth year.....	2,100
Sixth year.....	1,500	Sixth year.....	2,200
Seventh and subse-		Seventh year.....	2,300
quent years.....	1,600	Eighth year.....	2,400
		Ninth year.....	2,500
		Tenth and subse-	
		quent years.....	2,600

PHYSICAL EDUCATION TEACHERS (HIGH SCHOOLS).

LOWER GROUP.	
Flat	\$1,300
Teachers in high schools holding limited certificates as teachers of drawing, French, German, commercial subjects, manual training or household arts.	

LOWER GROUP.	
First year.....	\$1,000
Second year.....	1,050
Third year.....	1,100
Fourth year.....	1,150

Teachers of physical education, music, art and manual training in high schools, holding limited certificates.

UPPER GROUP.	
First year.....	\$1,400
Second year.....	1,500
Third year.....	1,600
Fourth year.....	1,700
Fifth year.....	1,800

Teachers in high schools holding limited certificates as teachers of modern languages, commercial subjects or household arts.

UPPER GROUP.	
First year.....	\$1,350
Second year.....	1,400
Third year.....	1,450
Fourth year.....	1,500

SUBSTITUTES (HIGH SCHOOL).

Substitutes in high schools receive \$5 or \$6 per day for days of actual service; rate is determined by superintendent.

PRINCIPALS OF ELEMENTARY SCHOOLS.

LOWER GROUP.		UPPER GROUP.	
First year.....	\$1,800	Second year.....	2,800
Second year.....	1,900	Third year.....	2,900
Third year.....	2,000	Fourth year.....	3,000
Fourth year.....	2,100	Fifth year.....	3,050
Fifth year.....	2,200	Sixth year.....	3,100
Sixth year.....	\$2,300	Seventh year.....	3,150
Seventh year.....	2,400	Eighth year.....	3,200
Eighth year.....	2,500	Ninth year.....	3,250
Ninth and subse-		Tenth year.....	3,300
quent years.....	2,600	Eleventh year.....	3,350
		Twelfth year.....	3,400

UPPER GROUP.

First year.....	\$2,700
-----------------	---------

HEAD ASSISTANTS.

LOWER GROUP.

First and subsequent years.....	\$1,175
UPPER GROUP.	
First year.....	\$1,025
Second year.....	1,075
Third year.....	1,125

EIGHTH GRADE TEACHERS.

LOWER GROUP.

First and subsequent years.....	\$975
UPPER GROUP.	
First year.....	\$1,025
Second year.....	1,075
Third year.....	1,125

ELEMENTARY TEACHERS (PRIMARY).

LOWER GROUP.

First year.....	\$650
Second year.....	675
Third year.....	725
Fourth year.....	775
Fifth year.....	\$825
Sixth year.....	875
Seventh and subse-	
quent years.....	925

UPPER GROUP.

First year.....	\$975
Second year.....	1,075
Third year.....	1,075
Fourth and subse-	
quent years.....	\$1,175

GRAMMAR.

LOWER GROUP.

First year.....	\$650
Second year.....	700
Third year.....	750
Fourth year.....	800
Fifth year.....	\$850
Sixth year.....	900
Seventh and subse-	
quent years.....	950

UPPER GROUP.

First year.....	\$1,000
Second year.....	1,050
Third year.....	1,100
Fourth and subse-	
quent years.....	\$1,200

MISCELLANEOUS.

Teachers of the deaf and of crippled children get from \$750 to \$1,300 a year, according to group and length of service. Teachers in schools for blind get same salaries as teachers in elementary schools. Teachers in John Worthly school get \$25 per school month in excess of schedule for elementary schools.

Each elementary school having twenty-five or more divisions is allowed one extra teacher, who is paid according to the elementary school schedule, lower group.

Teachers in charge of branch schools receive extra compensation of \$75 per annum.

Teachers in charge of classes in German receive extra compensation of \$50 per annum.

Teachers in charge of industrial rooms and of rooms for subnormal children receive \$50 per annum in advance of grammar grade schedule.

Substitutes in elementary schools receive \$3 per day for days of actual service.

Teachers in practice schools receive \$200 a year in excess of grammar grade teachers.

Principals of evening schools receive from \$2 to \$5 per evening, according to length of service and size of school. Teachers get from \$2 to \$3.50 per evening.

Principals in vacation schools get \$100 for term of six weeks; teachers get \$75 per term; cadets get \$30 per term.

CHICAGO PUBLIC SCHOOL STATISTICS.

Year.	Enroll-	Teach-	Year.	Enroll-	Teach-	Year.	Enroll-	Teach-
	ment.	ers.		ment.	ers.		ment.	ers.
1841.....	410	5	1860.....	14,199	123	1879.....	56,587	851
1842.....	531	7	1861.....	16,441	160	1880.....	59,562	898
1843.....	808	7	1862.....	17,521	187	1881.....	63,141	958
1844.....	915	8	1863.....	21,188	212	1882.....	68,614	1,019
1845.....	1,051	9	1864-5.....	29,080	240	1883.....	72,509	1,107
1846.....	1,107	13	1866.....	24,851	265	1884.....	76,044	1,195
1847.....	1,317	18	1867.....	27,260	319	1885.....	76,278	1,296
1848.....	1,517	18	1868.....	29,954	401	1886.....	83,032	1,440
1849.....	1,794	18	1869.....	34,740	481	1887.....	84,902	1,574
1850.....	1,919	21	1870.....	38,939	557	1888.....	89,578	1,663
1851.....	2,287	25	1871.....	40,832	572	1889.....	98,737	1,801
1852.....	2,404	29	1872.....	38,035	476	1890.....	135,541	2,711
1853.....	3,086	34	1873.....	44,091	564	1891.....	146,751	3,090
1854.....	3,500	35	1874.....	47,963	679	1892.....	157,743	3,300
1855.....	6,826	42	1875.....	49,121	700	1893.....	166,895	3,520
1856-7.....	8,577	61	1876.....	51,128	762	1894.....	185,358	3,812
1858.....	10,786	81	1877.....	53,529	730	1895.....	201,380	4,326
1859.....	12,873	101	1878.....	55,109	797	1896.....	213,835	4,668
						1897.....	225,718	4,914
						1898.....	236,239	5,268
						1899.....	242,807	5,535
						1900.....	255,861	5,806
						1901.....	262,738	5,951
						1902.....	268,392	5,775
						1903.....	258,968	5,444
						1904.....	264,397	5,570
						1905.....	267,897	5,695
						1906.....	272,086	5,893
						1907.....	273,050	5,981
						1908.....	292,581	6,106
						1909.....	296,427	6,296
						1910.....	300,893	6,332
						1911.....	304,146	6,584
						1912.....	307,281	6,740

CHICAGO POSTOFFICE.

Entrances on Adams, Clark and Dearborn streets; telephone Harrison 4700; private exchange, all departments.

Postmaster—Daniel A. Campbell; room 353, south wing.

Secretary to Postmaster—John T. McGrath, room 353, south wing.

Assistant Postmaster—John M. Hubbard; room 357, south wing.

Auditor—John Matter; room 362, south wing.

Superintendent of Mails—Frank H. Galbraith; room 351, south wing.

Superintendent of Delivery—L. T. Steward; room 379, west wing.

Superintendent of Registry Division—Perry H. Smith, Jr.; room 102, Adams street lobby.

Superintendent of Money-Order Division—Joseph B. Schlossman; room 403, north wing.

Superintendent of Inquiry Division—D. J. Foster, Adams street lobby.

Superintendent Second-Class Matter—Michael J. O'Malley, room 402, north wing.

Superintendent of Bureau of Printing and Supplies—James N. Brady; entrance from Dearborn street.

Cashier—Theron W. Bean; room 125, Dearborn street lobby.

Draftsman—M. L. Kirchman; room 379, west wing.

Secretary Civil-Service Board—Peter Newton, 13th floor.

Inspector in Charge—James E. Stuart; room 334, east wing.

Superintendent 6th Division, Railway Mail Service—E. L. West; room 308, north wing.

CARRIER STATIONS AND SUPERINTENDENTS.

Armour—3017 Indiana avenue; Henry Welch, Jr.

Auburn Park—612 West 79th street; Eben J. Beach.

Austin—5653-5660 West Lake street; Howard Robertson.

C—1247-1249 West Madison street; George Berz.

Canal—Washington street, between Clinton and Canal; Robert T. Howard.

Carpenter Street—741 and 745 North Carpenter street; Frank A. Kwasigroch.

Chicago Lawn—3510 West 63d street; Martin McVeagh.

Cragin—4207 Armitage avenue; Peter J. O'Connor.

D—2108-2110 West Madison street; John Davy.

Dauphin Park—9033 Cottage Grove avenue; Frederick W. Dayton.

Douglas Park—1205-1207 South Western avenue; Albert P. Treleven.

Dunning—6443 West Irving Park boulevard; Milton N. Potter.

Eastside—9909 Ewing avenue; Walter G. Seborg.

Edgewater—5501-5503 Evanston avenue; Michael J. Keigher.

Elsdon—3435 West 51st street; Leonard Withall.

Englewood—449 West 63d street; John E. Vreeland.

Fifty-First Street—5052 and 5054 Halsted street; Frederick A. Bosworth.

Garnfield Park—3907-3909 West Madison street; David J. Geary.

Grand Crossing—7462 South Chicago avenue; Henry Z. Eaton.

Hawthorne Station—3647-3649 Ogden avenue; Edward O'Connell.

Hezewich—13305 Erie avenue; Frank Lonn.

Hyde Park—1448-1450 East 55th street; Wilbur E. Crumbacker.

Irving Park—4218 West Irving Park boulevard; John T. McCormick.

Jackson Park—1113-1115 East 63d street; William Arens.

Jefferson—4841 Milwaukee avenue; Ernest Willman.

Kinzie—323 Kinzie street; William S. Snorf.

Lake View—929-931 Belmont avenue; W. S. Hussander.

Lincoln Park—1546-1548 North Clark street; William R. Rennacker.

Logan Square—2311-2313 Milwaukee avenue; James Stott.

M—40th street and Cottage Grove avenue; James N. McArthur.

McKinley Park—3475 and 3477 Archer avenue; Henry Blattner.

Mont Clare—2314-2316 North 70th avenue; ———

North Halsted—2454-2458 North Halsted street; William J. Becklenberg.

Norwood Park—6040 Avondale avenue; Stanley C. de Long.

Ogden Park Station—1714 and 1716 West 63d street; Albert L. Anderson.

Pilsen—1507-1509 West 18th street; Joseph H. Richak.

Pullman—4 Arcade building; Gustav A. Ernst.

Ravenswood—4202 West Ravenswood Park; Redmond P. Hogan.

Riverdale—13565 Indiana avenue; Jeremiah F. Collins.

Rogers Park—7001 North Clark street; George Bartlett.

South Chicago—9210 Commercial avenue; Patrick T. O'Sullivan.

Stockyards—4193 Halsted street; Henry C. Smale.

Twentieth Street Station—1927 Indiana avenue; Thomas A. Kenny.

Washington Heights—1260 West 103d street; William D. Giesman.

West Pullman—12005 Halsted street; ———.

Wicker Park—1633-1645 Milwaukee avenue; C. W. Worthington.

STATIONS WITHOUT CARRIERS.

Masonic Temple—159 North State street; Laurence J. P. White.

South Water—207 North LaSalle street; H. H. Henshaw.

Stock Exchange—30 North LaSalle street; Cassius C. Roberts.

Bush Temple—112 West Chicago avenue; William L. Blood.

In addition to the above there are 278 numbered stations served from the carrier stations and each with a clerk in charge.

There are 3,477 clerks in the general postoffice and stations and 2,024 carriers, including collectors.

COLLECTIONS AND DELIVERIES.

In the downtown district there are twenty-six collections of mail matter between 7 a. m. and 11 p. m.; in the outlying districts there are from four to twelve collections. Mail is delivered six times a day in the business district and three times in the outlying districts.

Special delivery letters are delivered in the central postoffice district between 7 a. m. and 11 p. m. and from stations within their respective districts between 7 a. m. and 6 p. m.

Special delivery mail received in special delivery section which can reach the point of delivery up to approximately 11 p. m. daily will be given service throughout the city.

In the district bounded by the Chicago river on the north and west, and on the south by 12th street, hotels, clubs, newspapers, telegraph offices and undertakers have all-night service.

POSTAL RECEIPTS.

Fiscal year 1912.

Stamps\$17,003,763.04

Postal cards 853,715.00

Envelopes 1,194,654.67

Second-class postage 899,113.26

Third and fourth class postage 736,815.40

Postage due 98,499.00

Box rent, waste paper, etc. 19,530.40

Total 20,806,095.77

Increase over 1911, \$1,024,655.03, or 5% per cent.

REGISTERED MAIL.

Fiscal year 1912.

Letters registered with fee prepaid 1,328,365

Parcels registered with fee prepaid 805,272

Registered letters received for delivery 2,318,331

Registered parcels received for delivery 524,941

Official registered fee prepaid 22,601

Distribution, foreign mail re-registered free, forwarded, returned, misssent and dead letters 287,392

Exchange office articles received in transit, registered jackets and sack jackets received and opened 59,016

Registered jackets and sack jackets made up and dispatched 131,056

Registered jackets and sack jackets made up and dispatched 24,687

Through registered pouches and inner sacks received 106,034
Through registered pouches and inner sacks made up and dispatched..... 101,690
Official letters and parcels registered free.. 181,010

Total number of registered articles handled, 5,890,395
Increase in 1912 over 1911, 152,717 pieces, or 2.66 per cent.

MONEY-ORDER BUSINESS (MAIN OFFICE).

Fiscal year 1912.

Domestic orders paid (17,338,205), \$100,322,443.93.
International orders paid (41,896), \$973,639.48.
Domestic orders issued (163,885), \$2,038,394.78.
International orders issued (36,639), \$759,530.48.
Total fees (domestic), \$12,570.22.
Total fees (international), \$11,323.75.
Certificates of deposit issued (146,396), \$115,335,823.14.
Transferred to credit postmaster-general, \$23,560,000.00.
Transferred to stations account, \$900,900.00.
Auditor's circular, \$747.39.
P. M. drafts on New York, \$250,000.00.
Total transactions, 18,475,262.
Total amount, \$249,979,692.81.
Increase in transactions, 1,261,217, or 7.32 per cent.
Decrease in amount, \$39,854,152.11, or 13.75 per cent.

STATIONS, 1912.

Number of domestic orders issued, 1,129,830.
Amount received for domestic orders issued (including fees), \$9,818,269.09.
Increase in transactions (domestic), 4.94 per cent.
Increase in amount (domestic), .61 of 1 per cent.
Number of international orders issued, 203,692.
Amount received for international orders issued (including fees), \$4,372,178.59.
Decrease in transactions (international), 13.32 per cent.
Decrease in amount (international), 21.06 per cent.

DELIVERY DIVISION.

Amount of mail matter of all classes received for delivery during the fiscal year ended June 30, 1912:
Mail letters, 266,837,415.
Local letters, 218,321,522.
Mail letters received at stations, 114,358,892.
Local letters received at stations, 93,566,367.
Total number of letters, 693,084,196.
Newspapers, circulars, etc., 138,591,645.
Grand total of all classes of matter received for delivery, 831,675,841.

MAILING DIVISION.

Mails handled in the mailing division during the fiscal year ended June 30, 1912:

	Pounds.	Pieces.
Letters	21,643,423	1,017,240,880
Specials	29,265	731,630
Nixies*	461,057	11,526,446
Second class	89,908,784	359,635,036
Third and fourth class.....	76,200,320	304,801,280

Total	188,242,849	1,693,935,272
Increase	6,072,295	75,034,621
Percentage increase in weight, 3.33.		
Percentage increase in pieces, 4.63.		
Proportion of errors in handling mail, .004.		

*Mail received with insufficient postage or misdirected.

POSTAL SAVINGS BANK.

The postal savings bank was opened at the main postoffice, Chicago, Aug. 1, 1911. Any one 10 years old or over may open an account. No account may be opened for less than \$1.00, nor will fractions of a dollar be accepted for deposit. No person is permitted to deposit more than \$100 in any one calendar month, nor to have a total balance to his credit at one time of more than \$500, exclusive of accumulated interest.

Deposits are evidenced by postal savings certificates issued in denominations of \$1, \$2, \$5, \$10, \$20, \$50 and \$100.

Depositors of the postal savings system may exchange the whole or a part of their deposits on Jan. 1 or July 1 of each year for United States registered or coupon bonds in denominations of \$20, \$100 and \$500, bearing interest at the rate of 2½ per cent per annum, payable semiannually, and redeemable at the pleasure of the United States after one year from the date of issue, both principal and interest payable twenty years from that date in United States gold coin.

Postal savings banks have also been established at the following postal stations: Armour, Auburn Park, Austin, B. D. Carpenter street, Chicago Lawn, Cragin, D. Dauphin Pk., Douglas park, Eastside, Edgewater, Elsdon, Englewood, 51st street, Garfield park, Grand Crossing, Hawthorne, Hegewisch, Hyde Park, Irving Park, Jackson park, Jefferson, Lake View, Lincoln park, Logan square, M. McKinley park, North Halsted, Norwood Park, Ogden park, Pilsen, Pullman, Ravenswood, Riverdale, Rogers Park, South Chicago, stockyards, 20th street, Washington Heights, West Pullman, Wicker Park.

MAIL TIME FROM CHICAGO TO PRINCIPAL CITIES.

Cities.	Hours.	Cities.	Hours.	Cities.	Hours.
Atlanta, Ga.....	23	Little Rock, Ark.....	24	Portland, Me.....	33
Baltimore, Md.....	23	Los Angeles, Cal.....	66	Portland, Ore.....	75
Boston, Mass.....	27	Louisville, Ky.....	10	Providence, R. I.....	28
Buffalo, N. Y.....	33	Memphis, Tenn.....	16	Quebec, Can.....	47
Charleston, S. C.....	12	Mexico City, Mex.....	120	Richmond, Va.....	26
Chihuahua, Mex.....	72	Milwaukee, Wis.....	2	St. Louis, Mo.....	8
Cincinnati, O.....	10	Minneapolis, Minn.....	12	St. Paul, Minn.....	11
Cleveland, O.....	9	Mobile, Ala.....	12	Salt Lake City, Utah.....	46
Denver, Col.....	28	Monterey, Mex.....	96	San Antonio, Tex.....	50
Des Moines, Iowa.....	9	Montreal, Can.....	27	San Francisco, Cal.....	75
Detroit, Mich.....	7	Newark, N. J.....	25	Seattle, Wash.....	75
Guadalajara, Mex.....	120	New Haven, Conn.....	30	Toronto, Ont.....	18
Halifax, N. S.....	60	New Orleans, La.....	23	Vancouver, B. C.....	82
Houston, Tex.....	40	New York, N. Y.....	24	Washington, D. C.....	24
Indianapolis, Ind.....	5	Omaha, Neb.....	12	Wheeling, W. Va.....	15
Jacksonville, Fla.....	37	Philadelphia, Pa.....	22	Winnipeg, Man.....	29
Kansas City, Mo.....	11	Pittsburgh, Pa.....	13		

Note—Certain limited trains make the time to New York, 18; Philadelphia, 17; Pittsburgh, 9, and Baltimore, 21 hours; Boston, 24; Newark, N. J., 18; Washington, D. C., 22.

MAIL TIME FROM NEW YORK TO FOREIGN CITIES.

Distances via postal routes in statute miles. Time given makes liberal allowance for delays. To get time and distance from Chicago add one day and 912 miles if via London and subtract one day and 912 miles if via San Francisco; via New Orleans the time is about one day less from Chicago to points in Central America. From table prepared by postoffice department.

Place.	Days. Miles.	Place.	Days. Miles.	Place.	Days. Miles.
Adelaide, via San Francisco.....	34 12,845	Auckland, N. Z., via San Francisco.....	19 10,120	Barcelona, via London.....	10 4,790
Alexandria, Egypt, via London.....	6 6,150	Basel, via London.....	9 4,420	Batavia, via London.....	34 12,830
Amsterdam, via London.....	9 3,935	Bangkok, via London.....	41 13,125	Berlin, via London.....	9 4,385
Antwerp, via London.....	9 4,090	Bangkok, via San Francisco.....	43 12,990	Bern, via London.....	9 4,490
Athens, via London.....	12 5,655	Barbados, W. I.....	8 2,145	Bombay, via London.....	24 9,765
				Bremen, via London.....	8 4,235
				Brindisi, via London.....	10 5,205

Brussels, via London....	9	3,975	Gibraltar, via London....	11	5,150	Iceland, via London.....	18	5,350
Budapest, via London....	10	4,910	Glasgow	10	3,370	Kingston, Jamaica.....	5	1,820
Buenos Aires.....	26	8,045	Gothenburg, via London	9	4,755	Lisbon, via London.....	10	5,335
Cadiz, via London.....	10	5,375	Guatemala City, via New			Liverpool	8	3,540
Cairo, Egypt, via London.	12	6,250	Orleans	7	2,645	London	8	3,740
Calcutta, via London.....	26	11,120	Hague, The, via London	9	3,950	Lyons, via London.....	9	4,340
Callao, via Panama.....	22	4,145	Hamburg, direct.....	9	4,820	Madrid, via London....	9	4,925
Cape Town, via London.	27	11,245	Hamilton, Bermuda....	2	750	Marseilles, via London..	9	4,560
Christiania, via London	10	4,650	Havana	3	1,363	Melbourne, via San Fran-		
Colon, Panama.....	6	2,231	Havre, direct.....	8	3,940	cisco	26	12,265
Constantinople, via Lon-			Hongkong, via San Fran-			Montevideo.....	25	7,165
don	11	5,810	cisco	25	10,590	Moscow, via London....	10	5,335
Dresden, via London....	9	4,655	Honolulu, via San Fran-			Munich, via London....	9	4,610
Genoa, via London.....	9	4,615	cisco	13	5,645			

MONUMENTS IN CHICAGO.

Name, location and date of dedication or completion of each.

Alarm, The—Lincoln park; May 17, 1884.
 Anarchists'—Waldheim cemetery; June 25, 1893.
 Andersen, Hans Christian—Lincoln park; Sept. 26, 1896.
 Armstrong, George B.—Postoffice, north entrance; May 19, 1881.
 Beethoven—Lincoln park; June 19, 1897.
 Bohemian Soldiers and Sailors—Bohemian National cemetery; May 29, 1892.
 Burns, Robert—Garfield park; Aug. 25, 1906.
 Confederate Soldiers—Oakwoods cemetery; July 23, 1893.
 Douglas—Foot of 35th street; corner stone laid Sept. 6, 1866; dedication June 3, 1868.
 Drake Fountain—Exchange avenue and 92d street, South Chicago; dedicated Oct. 11, 1908; presented to city Dec. 26, 1892, and first stood on Washington street in front of courthouse.
 Drexel Fountain and Statue—Drexel boulevard and 51st street; completed in June, 1883; no formal dedication.
 Ericson, Leif—Humboldt park; Oct. 12, 1901.
 Fire (1371) Tablet—137 DeKoven street; 1881.
 Fort Dearborn Massacre—Calumet avenue and 18th street; June 22, 1893.
 Fort Dearborn Tablet—River street and Michigan avenue; unveiled May 21, 1881.
 Franklin—Lincoln park; June 6, 1896.
 Garibaldi—Lincoln park; Oct. 12, 1901.
 Grant—Lincoln park; Oct. 7, 1891.
 Grant Post No. 23, G. A. R.—Elmwood cemetery; June 23, 1903.
 Harrison, Carter H.—Union park, June 29, 1907.
 Haylick, Karel—Douglas park, July 30, 1911.
 Haymarket—Union park; May 30, 1889.
 Humboldt—Humboldt park; Oct. 16, 1892.
 Indian Trail Tree Tablet—Glencoe, Nov. 7, 1911.

Iroquois Theater Fire Tablet—In hospital, 23 North Market street; Dec. 30, 1911.
 Kennison—Lincoln park; Dec. 19, 1903.
 Kosciusko—Humboldt park; Sept. 11, 1904.
 LaSalle—Lincoln park; Oct. 12, 1889.
 Lincoln—Lincoln park; Oct. 22, 1887.
 Lincoln Post No. 91, G. A. R.—Oakwoods cemetery; June 14, 1905.
 Lincoln Wigwam Tablet—Market and Lake streets; unveiled May 11, 1910.
 Line—Lincoln park; May 23, 1891.
 Logan—Lake Front park; July 22, 1897.
 Logan Post No. 540, G. A. R.—Rosehill cemetery; June 1, 1900.
 Marquette-Joliet—South Robey street and river; cross dedicated Sept. 23, 1907; tablet, May 6, 1909.
 Mulligan—Calvary cemetery; May 30, 1885.
 McKinley—McKinley park; July 4, 1905.
 Press Club—Mount Hope cemetery; Nov. 12, 1893.
 Reese, Michael—28th street and Groveland avenue; completed spring of 1893.
 Reuter—Humboldt park; May 14, 1893.
 Rosenberg Fountain—Pan row and Michigan avenue; accepted by city Oct. 16, 1893.
 Schiller—Lincoln park; May 15, 1886.
 Shakespeare—Lincoln park; April 23, 1894.
 Signal of Peace, The—Lincoln park; June 9, 1894.
 Sweeney Post No. 275, G. A. R.—Evergreen cemetery, Barrington; Sept. 9, 1906.
 Thomas Post No. 5, G. A. R.—Rosehill cemetery; Feb. 22, 1895.
 Victoria—Garfield park; Oct. 16, 1893.
 Washington—Grand boulevard and 51st street; completed June 6, 1904; no formal unveiling.
 Washington Post No. 94, G. A. R.—Elmwood cemetery; Aug. 22, 1909.
 Willich Post No. 780, G. A. R.—Town of Maine cemetery; Oct. 13, 1901.

LOCATION OF RAILWAY PASSENGER STATIONS.

CENTRAL STATION—Park row and 12th street; south side.
 Chicago, Cincinnati & Louisville.
 Cleveland, Cincinnati, Chicago & St. Louis (Big Four).
 Illinois Central.
 Michigan Central.
 Minneapolis, St. Paul & Sault Ste. Marie (Soo line; formerly Wisconsin Central).
 West Michigan.
CHICAGO & NORTHWESTERN—West Madison and Canal streets, west side.
 All divisions.
DEARBORN STATION—Dearborn and Polk streets; south side.
 Aethelton. Topeka & Santa Fe.
 Chesapeake & Ohio.
 Chicago & Western Indiana.
 Chicago, Indianapolis & Louisville (Monon).
 Erie.
 Grand Trunk.
 Wabash.

GRAND CENTRAL STATION—Fifth avenue and Harrison street; south side.
 Baltimore & Ohio.
 Chicago Great Western.
 Chicago Terminal Transfer.
 Pere Marquette.
LA SALLE STREET STATION—Van Buren and LaSalle streets; south side.
 Chicago & Eastern Illinois.
 Chicago, Rock Island & Pacific.
 Lackawanna.
 Lake Shore & Michigan Southern.
 New York, Chicago & St. Louis (Nickel Plate).
UNION STATION—Canal street, between Adams and Madison; west side.
 Chicago & Alton.
 Chicago, Burlington & Quincy.
 Chicago, Milwaukee & St. Paul.
 Pittsburg, Fort Wayne & Chicago.
 Pittsburg, Cincinnati, Chicago & St. Louis (Pan Handle).

SHERIFFS OF COOK COUNTY (1871-1912).

1871-1874—Timothy M. Bradley, Rep.
 1874-1876—Francis Agnew, Dem.
 1876-1878—Charles Kern, Dem.
 1878-1880—John Hoffman, Rep.
 1880-1882—O. L. Mann, Rep.
 1882-1886*—Seth F. Hanchett, Rep.
 1886-1890—Canute R. Matson, Rep.
 1890-1894—James H. Gilbert, Rep.

1894-1898—James Pease, Rep.
 1898-1902—Ernest J. Magerstadt, Rep.
 1902-1906—Thomas E. Barrett, Dem.
 1906-1910—Christopher Strassheim, Rep.
 1910-1914—Michael Zimmer, Dem.
 *Term changed from two to four years. †Also appointed to serve unexpired term of Thomas E. Barrett, who died in March, 1906.

CHICAGO WEATHER.

Compiled in Chicago office of the weather bureau.

MONTH.	TEMPERATURE.					PRECIPITATION.				
	Highest, degrees.	Date.	Lowest, degrees.	Date.	Mean for month, degrees.	Normal, degrees.	Inches per month.	Normal, inches.	Clear days.	Partly cloudy days.
1911-November.....	74	11	12	13	35.4	39.2	3.27	2.50	5	14
December.....	60	10	5	28	35.0	29.3	2.54	2.07	8	9
1912-January.....	38	23	-6	7	11.9	23.7	0.84	2.00	7	15
February.....	50	18	-7	4	21.3	25.4	1.57	2.16	7	12
March.....	56	31	6	1	28.8	34.4	2.20	2.55	7	11
April.....	75	14	31	2	48.8	45.9	2.55	2.88	14	7
May.....	88	23	39	12	59.9	56.5	3.97	3.87	13	8
June.....	87	29	49	7	66.0	66.3	1.78	3.66	15	3
July.....	92	5	57	16	72.9	72.4	3.86	3.64	8	12
August.....	95	31	55	4	71.0	71.2	3.59	2.88	8	15
September.....	84	5	39	28	67.7	64.6	5.26	5.02	13	10
October.....	84	6	38	28	55.8	53.2	8.52	2.55	17	6

COLDEST DAYS IN CHICAGO.

The cold spell ending Jan. 7, 1912, established a record for duration of below zero weather in Chicago—72 hours. The minimum reached was 16 degrees below zero. The longest previous below zero stretch was 71 hours, Jan. 21, 22 and 23, 1883, when the minimum reached was 17 degrees below zero. Following are the coldest days officially recorded in Chicago:

Dec. 24, 1872.....	-23	Jan. 15, 1893.....	-16
Jan. 29, 1873.....	-16	Jan. 25, 1897.....	-20
Jan. 9, 1875.....	-20	Feb. 9, 1899.....	-21
Jan. 3, 1879.....	-18	Jan. 25, 1904.....	-15
Jan. 22, 1883.....	-17	Feb. 13, 1905.....	-18
Jan. 5, 1884.....	-18	Jan. 7, 1912.....	-16
Feb. 9, 1888.....	-18		

HOTTEST DAYS IN CHICAGO.

July 21, 1901, when the temperature rose to 103 degrees above zero, was the hottest day in the history of Chicago so far as the weather bureau records go. The next hottest was July 5, 1911, when 102 degrees was recorded. The hottest days in each year since 1899 were:

Sept. 5, 1899.....	98	June 28, 1906.....	93
Aug. 5, 1900.....	94	Aug. 11-Sept. 1, 1907.....	92
July 21, 1901.....	103	July 11-Aug. 3, 1908.....	96
June 12, 1902.....	91	Aug. 8, 1909.....	93
July 1-Aug. 24, 1903.....	92	June 24, 1910.....	97
July 17, 1904.....	94	July 5, 1911.....	102
July 18, 1905.....	95	Aug. 31, 1912.....	95

CHICAGO'S LAKE TRADE.

ARRIVALS AND CLEARANCES

OF VESSELS.*

Arrivals.			Clearances.		
Year.	No.	Tons.	No.	Tons.	
1870.....	12,739	3,049,265	12,433	2,983,942	
1871.....	12,320	3,096,101	12,312	3,082,235	
1872.....	12,824	3,059,752	12,531	3,017,790	
1873.....	11,858	3,225,911	11,876	3,338,803	
1874.....	10,827	3,195,633	10,720	3,134,078	
1875.....	10,488	3,122,004	10,607	3,157,051	
1876.....	9,621	3,089,072	9,628	3,078,264	
1877.....	10,233	3,274,332	10,284	3,311,032	
1878.....	10,490	3,608,534	10,494	3,631,139	
1879.....	11,859	3,887,095	12,014	3,870,300	
1880.....	13,218	4,616,959	13,302	4,537,382	
1881.....	13,048	4,533,558	13,957	4,228,689	
1882.....	13,351	4,949,970	12,626	4,904,999	
1883.....	11,967	3,812,464	12,015	3,980,873	
1884.....	11,354	3,756,973	11,472	3,751,723	
1885.....	10,744	3,653,936	10,798	3,652,286	
1886.....	11,157	3,926,818	11,215	3,950,762	
1887.....	11,950	4,328,292	12,023	4,421,560	
1888.....	10,989	4,353,768	11,106	4,496,898	
1889.....	10,804	5,102,790	10,924	5,155,041	
1890.....	10,507	5,138,253	10,547	5,150,665	
1891.....	10,224	5,524,852	10,294	5,506,705	
1892.....	10,556	5,966,626	10,567	5,698,337	
1893.....	8,754	5,456,637	8,789	5,449,470	
1894.....	8,259	5,181,260	8,329	5,211,160	
1895.....	9,212	6,329,702	9,363	6,392,497	
1896.....	8,662	6,481,152	8,773	6,591,203	

Arrivals.			Clearances.		
Year.	No.	Tons.	No.	Tons.	
1897.....	9,156	7,209,442	9,201	7,185,324	
1898.....	9,428	7,557,215	9,562	7,686,448	
1899.....	8,346	6,353,715	8,429	6,390,260	
1900.....	8,714	7,044,995	8,839	7,141,105	
1901.....	8,430	6,900,999	8,471	6,930,853	
1902.....	8,083	7,179,053	8,164	7,229,342	
1903.....	7,650	7,587,410	7,721	7,720,225	
1904.....	6,631	6,430,088	6,671	6,514,334	
1905.....	7,236	7,364,192	7,268	7,375,962	
1906.....	7,017	7,969,621	7,055	7,665,709	
1907.....	6,745	8,057,062	6,736	7,995,211	
1908.....	5,787	7,241,845	5,805	7,296,745	
1909.....	6,390	8,772,667	6,390	8,785,841	
1910.....	6,523	9,430,074	6,551	9,470,572	
1911.....	6,252	8,787,586	6,284	8,859,007	

*Comprises Chicago, Michigan City, Waukegan and Gary.

TONNAGE OF THE CHICAGO DISTRICT (1911).

Arrivals.			Clearances.		
Port.	No.	Tonnage.	No.	Tonnage.	
Chicago.....	5,924	7,935,969	5,954	8,021,036	
Michigan City..	59	19,102	55	19,367	
Waukegan.....	68	106,318	64	86,285	
Gary.....	201	726,197	210	732,519	
Total.....	6,252	8,787,586	6,284	8,859,007	

RECEIPTS BY LAKE IN 1911.

Coal, hard, tons.....	969,231
Coal, soft, tons.....	560,093
Salt, tons.....	209,134
Iron ore, tons*.....	4,086,276
Iron, manufactured, tons	64,660
Cement, tons.....	4,586
Lumber, M.....	280,159
Shingles, M.....	4,816
Lath, M.....	6,375
Posts, pieces.....	163,264
Railroad ties, pieces.....	728,050
Telegraph poles, pieces..	3,145

Wood, cords.....	2,525
Copper, tons.....	9,754
Sugar, tons.....	81,828
Green fruits, tons.....	66,480
Wheat, bushels.....	641,883
Barley, bushels.....	54,800
Corn, bushels.....	30,000
Mdse., unclassified, tons.	751,206
* Exclusive of 1,305,357 tons received at Gary, Ind.	

SHIPMENTS BY LAKE IN 1911.

Flour, barrels.....	2,837,725
---------------------	-----------

Wheat, bushels.....	14,598,973
Corn, bushels.....	47,964,537
Oats, bushels.....	10,759,852
Grass seed, tons.....	184
Millstuffs, tons.....	207,288
Oil cake, tons.....	10,002
Lard, tierces.....	50
Port, cured meats, brls..	1,541
Wood and hair, sacks....	10,345
Oil, barrels.....	643,179
Iron, manufactured, tons	60,015
Mdse., unclassified, tons.	461,845

PROPOSED PASSENGER SUBWAY SYSTEM FOR CHICAGO.

The harbor and subway commission and the subcommittee of the council committee on local transportation submitted a joint report Sept. 10, 1912, on a "comprehensive scheme of subways which shall extend into the outlying districts and which shall be designed to remedy the existing traction evils of the city of Chicago." The general plan recommended was a high level subway as close as possible to the surface of the streets and avoiding all grade crossings. The power system contemplated comprised alternating current generation and distribution and direct current operation of motors. The estimates were based on a third rail direct current system of conductors. The capacity of the subways outlined in the report was estimated at 180,000 seats per hour.

PROPOSED ROUTES.

Following were the routes recommended:

North to South Side—Beginning at Lawrence and Evanston avenues, a two track subway in Evanston avenue to Irving Park boulevard and Halsted street; south in Halsted street to Fullerton avenue.

Beginning at Lawrence and Lincoln avenues, a two track subway in Lincoln avenue to Halsted street and Fullerton avenue.

The two subways from the north joining at Halsted street and Fullerton avenue are continued as a four track subway southeast in Lincoln avenue to Clark street; south in Clark street to some point just north of the river (subject to further engineering investigation). Thence a two track subway for express trains south in Clark street to Polk street or some street further south; east in Polk street or some other street to State street; south in State street in a four track subway to 55th street. A two track subway east in 55th street to Cottage Grove avenue. Transfers in Cottage Grove avenue to 79th street. A two track subway east from this subway at Fullerton avenue to the Halsted street subway; at Clark and Madison streets to the Madison street subway; at Harrison and Clark streets to the southwest subway.

North Side to Southwest Side—Two of the four tracks from the North Clark street subway continue in a two track subway east from Clark street to State street; thence south in State street to Harrison street; west in a two track subway in Harrison street to Halsted street and Blue Island avenue; thence continuing southwest in Blue Island avenue to 22d street and Ashland avenue; west in 22d street to Marshall boulevard; south in Marshall boulevard to 26th street; west in 26th street to South 40th avenue. Transfers can be made from the subway at Fullerton avenue to the Halsted street subway, at State street to the "Northwest Side to South Side" subways. At Halsted and Harrison streets to Halsted street subway.

Northwest Side to South Side—Beginning at Elston and Kedzie avenues, a two track subway in Elston avenue southeast to Belmont and California avenues; south in California avenue to Milwaukee

avenue; southeast in Milwaukee avenue to Desplaines or Canal street. Continuing south in Desplaines or Canal street to Randolph street; east in Randolph street to State street; south in State street in the four track subway to 55th street and State street; thence west in 55th street in a two track subway to Western avenue. Transfers can be made from the subway at Milwaukee avenue and Halsted street to the Halsted street subway; at State street to the "North Side to Southwest Side" subway; at 55th street and Halsted street to Halsted street subway.

A two track subway in Armitage avenue from North 40th avenue to Milwaukee avenue, connecting with the Elston-Milwaukee avenue line.

Halsted Street—Beginning at the Junction of the Lincoln and Evanston avenues, lines at Fullerton avenue, a two track subway in Halsted street to 79th street. Transfers can be made from this subway at Fullerton avenue to the "North Side to South Side" and the "North Side to Southwest Side" subways; at Milwaukee avenue to the "Northwest Side to South Side" subway; at Harrison street to the "North Side to Southwest Side" subway; at 55th street to the "Northwest Side to South Side" subway.

Madison Street—Beginning at South Clark street, a two track subway in Madison street to 40th avenue. Transfers can be made from the subway at Halsted street to the Halsted street subway; at Clark and Madison street to the "North Side to South Side" subway. This subway may eventually be extended south in Clark street and other streets to serve the southwestern part of the city.

ESTIMATED COST OF SUBWAYS.

North side to Lawrence avenue.....	\$20,123,000
South side to 79th street.....	25,778,000
West side to 40th avenue.....	31,049,000
Halsted street.....	19,307,000

Total	96,257,000
Estimated cost of equipment.....	34,844,000

Total	131,101,000
-------------	-------------

The equipment will be furnished by the operating company.

Two plans for financing the project were suggested. One was to have the city build the subways out of the proceeds of legalized Mueller certificates and the other to have them built by private capital under such conditions as would insure absolute municipal control. It was subsequently ascertained that the scheme could not be financed by the issuance of Mueller certificates.

The joint report was signed by John Ericson, James J. Reynolds and E. C. Shankland of the harbor and subway commission and by Aldermen Eugene Block (chairman), John A. Richert, Patrick J. Carr, William F. Schultz, William J. Healy, Henry D. Capitain and Charles Twig, subcommittee of the council committee on local transportation.

CHICAGO SUBWAY AND HARBOR COMMISSION.

Borland block, 105 South LaSalle street, 11th floor.

Members.	Salaries.
John Ericson, chairman.....	\$12,000
E. C. Shankland.....	12,000
James J. Reynolds.....	12,000
Secretary, William J. Shanks.	
\$35,000 as city engineer.	

The above named commissioners were appointed

by Mayor Harrison July 27, 1911, to make the necessary investigations preliminary to the preparation of plans for a municipally owned subway in the downtown district of Chicago and for the proposed outer harbor. Mr. Ericson is the city engineer, Mr. Shankland a designing engineer and Mr. Reynolds an operating engineer.

GARNISHMENT LAW OF ILLINOIS.

Section 14 of the act of 1872 as amended in 1897 and 1901 declares: "The wages for services of a wage earner who is the head of a family and residing with the same, to the amount of fifteen (\$15) dollars per week, shall be exempt from garnishment. All above the sum of fifteen (\$15)

dollars per week shall be liable to garnishment."

Employers are obliged to pay wages amounting to \$15 or less, notwithstanding the service of a writ of garnishment, providing the person to whom wages are due makes affidavit that he is the head of a family and is living with the same.

CHICAGO STOCK EXCHANGE.

President—J. J. Townsend, 236 South LaSalle street.
Secretary—Charles T. Atkinson, 2d floor The Rookery.

Location—The Rookery, 200 South LaSalle street.
Hours—"Calls" at 11 a. m. on stocks and bonds.

ASSESSMENT OF TAXABLE PROPERTY IN CHICAGO.

The following is a statement of the valuation of taxable real estate and personal property and the amount of taxes levied each year, from 1838 to 1912, inclusive:

YEAR.	Real estate.	Personal property.	Total valuation.	Tax levy.	YEAR.	Real estate.	Personal property.	Total valuation.	Tax levy.
1838.....	\$235,996		\$235,996	\$8,849.96	1876.....	\$128,832.403	\$39,165.754	\$167,998.157	\$4,046,805.80
1839.....	94,803		94,803	4,664.55	1877.....	116,082.303	32,371.615	148,400.148	4,014,410.44
1840.....	94,437		94,437	4,721.85	1878.....	104,420.053	27,563.886	131,983.439	3,777,757.23
1841.....	127,024	\$89,730	166,744	10,004.67	1879.....	91,152.229	26,517.806	117,970.035	3,776,450.79
1842.....	108,737	42,585	151,342	9,181.27	1880.....	99,032.038	28,101.688	117,133.726	3,889,126.88
1843.....	963,221	479,093	1,442,314	8,647.97	1881.....	90,044.045	29,053.743	119,132.288	4,136,608.38
1844.....	1,162,086	771,193	2,133,281	12,163.24	1882.....	92,479.022	32,300.736	125,300.736	4,227,402.68
1845.....	2,273,171	991,851	3,065,022	11,077.58	1883.....	101,586.795	31,618.893	133,215.888	4,540,143.13
1846.....	3,664,425	857,231	4,521,656	15,875.80	1884.....	105,406.743	31,720.237	137,326.980	4,627,456.60
1847.....	4,995,466	853,704	5,849,170	18,159.01	1885.....	107,146.381	32,811.411	139,958.292	5,152,366.03
1848.....	4,998,266	1,302,174	6,300,440	22,051.54	1886.....	122,980.123	35,516.009	158,496.132	5,968,409.76
1849.....	5,181,637	1,495,407	6,676,044	30,045.09	1887.....	123,169.455	38,035.950	161,204.395	5,902,712.56
1850.....	5,685,965	1,534,284	7,220,249	25,270.87	1888.....	123,292.358	37,349.080	160,641.723	5,723,067.25
1851.....	6,804,262	1,758,456	8,562,717	36,885.87	1889.....	127,573.618	40,763.213	168,336.831	6,320,561.21
1852.....	8,190,769	2,272,645	10,463,414	76,948.96	1890.....	170,558.814	49,900.514	219,354.368	9,558,335.00
1853.....	13,130,677	3,711,154	16,841,831	135,622.68	1891.....	203,358.791	53,245.574	256,504.574	10,433,270.41
1854.....	18,990,744	5,401,435	24,392,229	199,081.61	1892.....	190,614.636	53,117.502	243,732.138	12,142,448.75
1855.....	21,637,500	6,355,393	28,992,893	206,209.03	1893.....	189,294.120	56,491.231	245,790.351	11,810,969.69
1856.....	25,892,308	8,634,776	34,527,084	398,632.39	1894.....	190,960.897	56,461.825	247,422.722	12,267,643.62
1857.....	29,807,628	7,027,653	36,835,281	572,046.00	1895.....	192,498.842	50,977.983	243,476.825	14,239,685.13
1858.....	30,175,525	8,616,407	38,791,932	640,190.00	1896.....	195,684.875	48,672.411	244,357.286	12,290,145.21
1859.....	30,732,313	8,521,067	39,253,380	554,164.00	1897.....	181,632.905	47,393.755	229,026.660	12,939,333.10
1860.....	31,188,135	8,765,377	39,953,512	573,315.00	1898.....	178,901.172	42,105.275	220,986.447	12,807,906.82
1861.....	31,814,749	8,037,651	39,852,399	559,938.00	1899.....	200,265.058	48,931.391	249,196.419	13,350,270.53
1862.....	31,687,545	6,552,300	37,139,845	564,033.06	1900.....	202,884.012	73,681.868	276,565.880	17,086,408.36
1863.....	35,143,252	7,524,072	42,667,324	853,346.00	1901.....	259,254.598	115,325.842	374,580.440	14,245,284.12
1864.....	37,148,023	11,584,759	48,732,782	974,655.04	1902.....	276,509.730	123,985.401	400,495.131	14,639,090.16
1865.....	44,065,199	20,044,678	64,110,177	1,249,183.50	1903.....	289,371.249	122,053.031	411,424.280	15,815,388.31
1866.....	66,495,116	29,458,134	95,953,250	1,791,064.05	1904.....	291,329.703	111,951.467	403,281.190	15,994,410.68
1867.....	141,445,920	55,980,924	197,426,844	2,518,472.00	1905.....	295,514.443	112,477.182	407,991.625	16,845,974.19
1868.....	174,490,630	55,756,370	230,247,000	3,235,457.80	1906.....	305,031.228	123,290.038	428,323.266	17,434,168.80
1869.....	211,371,240	54,653,640	266,024,880	3,900,373.20	1907.....	346,843.590	131,078.886	477,921.976	22,905,709.45
1870.....	223,643,600	52,242,950	275,886,550	4,139,738.70	1908.....	344,499.927	132,690.472	477,190.399	22,666,543.94
1871.....	226,898,650	52,847,830	289,746,470	2,897,464.70	1909.....	586,258.655	212,574.401	838,150.897	24,073,060.08
1872.....	239,154,890	49,042,540	288,197,430	4,462,961.95	1910.....	603,022.875	245,971.661	848,994.536	23,485,538.22
1873.....	262,969,820	49,103,175	312,072,995	5,017,313.91	1911.....	663,376.027	222,578.274	927,744.927	27,311,841.58
1874.....	268,549,510	45,155,830	303,705,340	5,406,692.54	1912.....	671,616.594	196,473,102	*767,089,696	
1875.....	125,468,605	48,286,641	173,754,246	5,108,981.40					

*Does not include railroads or capital stock.

The valuation since 1875 is the equalized valuation fixed by the state board of equalization. From 1867 to 1875 the valuation was made by the city for the city tax. From 1898 to 1908, inclusive, the assessed value was one-fifth of the actual value. In 1909 the rate was fixed at one-third. The amounts in the personal property column include the railroad valuation. (Except for 1912.)

ASSESSMENT OF TAXABLE PROPERTY IN COOK COUNTY.

Includes equalized valuation of railroads and capital stock of corporations.

1900.....	\$306,957,900	1907.....	514,757,122
1901.....	408,189,960	1908.....	514,730,532
1902.....	433,489,922	1909.....	597,212,860
1903.....	445,028,259	1910.....	915,896,947
1904.....	437,850,426	1911.....	997,787,837
1905.....	441,990,246	1912.....	*719,140,149
1906.....	\$461,813,707		

*Does not include railroad or capital stock.

The above figures are one-fifth of the actual valuation down to and including 1908. The rate was changed to one-third in 1909.

CHICAGO TAX RATES FOR 1911.

Town	State	County	City	School	Sanitary	Park	Town	Total
West Chicago.....	.35	.56	1.50	1.44	.71	.76	.....	*5.37
South Chicago.....	.35	.56	1.50	1.44	.71	.76	.....	5.04
North Chicago.....	.35	.56	1.50	1.44	.71	.76	.....	5.04
Hyde Park.....	.35	.56	1.50	1.44	.71	.76	.....	5.04
Lake.....	.35	.56	1.50	1.44	.71	.76	.....	5.04
Lake View.....	.35	.56	1.50	1.44	.71	.76	.....	5.04
Jefferson.....	.35	.56	1.50	1.44	.71	.76	.....	5.04

*Includes .05 for boulevards and parks. Includes .01 for lake shore protection and .08 for Lincoln park bonds. Includes .03 for Lincoln park bonds.

TAXING BODIES IN CHICAGO.

1. STATE TAX.—For state purposes. The governor, auditor and treasurer constitute the board

which ascertains the rate per cent required to produce the amount of taxes levied by the general assembly. The "state school tax" is levied in the same manner.

2. COUNTY TAX.—The county board levies the taxes for all county purposes.
3. CITY TAX.—The city council, acting with the mayor, levies the taxes for all city purposes.
4. SCHOOL TAX.—The city council and the mayor make a separate levy for this purpose.
5. LIBRARY TAX.—The city council and the mayor make a separate levy for this purpose.
6. SANITARY DISTRICT.—The tax is levied by the board of trustees.
7. SOUTH PARK SYSTEM.—The south park commissioners levy for park purposes in the towns of South Chicago, Hyde Park and Lake.
8. WEST PARK SYSTEM.—The West Chicago park commissioners levy for park purposes in the town of West Chicago.
9. LINCOLN PARK.—The Lincoln park commissioners are not "corporate authorities," the Lincoln park act not having been adopted by popular vote. The levy for Lincoln park is made by the county treasurer, acting as ex officio supervisor.
10. RIDGE PARK.—A small park district in Rogers Park, organized under the law providing for local park districts by popular vote. The board of five commissioners levies for the district.
11. THE NORTH SHORE PARK DISTRICT.—Organized the same as Ridge Park.

By an act of the legislature approved May 11, 1901, and by the vote of the people at the spring election in 1902 the townships lying within the limits of Chicago were consolidated and the powers of the town boards transferred to the city council. This reduced the taxing boards in Chicago from eighteen to eleven as above.

CHICAGO WATERWORKS SYSTEM.

The following table shows the growth of Chicago's waterworks system by decades since 1854, when the first large pumping station at Chicago avenue and the lake was built, and by years since 1900:

Year.	*Population using city water.	Gallons pumped per day.	Gallons per capita.	Total revenue.
1854.....	65,000	591,000	9.1	\$58,105.00
1860.....	109,000	4,704,000	43.1	131,162.00
1870.....	307,000	21,766,000	70.9	539,180.00
1880.....	503,000	57,384,000	114.1	865,618.35
1890.....	1,107,000	152,372,000	137.6	2,109,508.00
1900.....	1,707,000	322,683,000	189.0	3,250,481.85
1901.....	1,753,000	342,901,000	195.6	3,370,600.88
1902.....	1,798,000	358,179,000	199.2	3,611,558.81
1903.....	1,846,000	376,090,000	204.1	3,683,625.80
1904.....	1,839,000	399,065,000	211.2	3,894,541.30
1905.....	1,935,000	410,930,000	212.4	4,019,205.88
1906.....	2,000,000	437,059,000	218.5	4,281,065.50
1907.....	2,050,000	455,194,000	222.0	4,450,349.61
1908.....	2,100,000	469,282,000	222.4	4,648,299.54
1909.....	2,163,000	480,905,000	222.3	5,032,008.48
1910.....	2,234,000	518,579,000	232.1	5,448,257.55
1911.....	2,259,000	†37,232,500	190.0	5,993,771.32

*Estimated from United States government census. †Exclusive of repumpage.

In 1911 the total amount of water pumped was 185,176,323,473 gallons.

The pumping stations, with the year of construction of each, follow:

Chicago avenue.....	1854	Washington Heights.....	1892
Twenty-second street.....	1875	Norwood Park.....	1897
Harrison street.....	1889	Central Park.....	1900
Lake View.....	1892	Springfield avenue.....	1901
Fourteenth street.....	1892	Rogers Park.....	1899
Sixty-eighth street.....	1892	Roseland.....	1910

The total daily capacity of the waterworks in gallons is 665,000,000.

Other statistics: Number of taps, 390,000; meters in use, 16,628; mileage of water pipe, 2,362.

LAKE TUNNELS.

One 5-foot tunnel from two-mile crib to Chicago avenue pumping station; built 1867; cost \$464,866.05.

One 7-foot tunnel from two-mile crib to Chicago avenue pumping station; built 1874; cost \$415,709.36.

One 7-foot tunnel from two-mile crib to Chicago avenue pumping station; built 1887-1895; cost \$342,786.64.

One 8-foot tunnel from four-mile crib to 14th street pumping station; built 1892; cost \$1,104,744.12.

One 10-foot tunnel from Carter H. Harrison crib to foot of Oak street; built 1898; cost \$677,577.55.

One 7-foot tunnel from Lake View crib to Lake View pumping station; built 1896; cost \$701,792.45.

One 7-foot tunnel from Hyde Park crib to 63th street pumping station; built 1898; cost \$771,556.07.

One 14-foot tunnel from Hyde Park to 73d street and Railroad avenue; built 1912; cost \$1,592,953.51.

One 14-foot tunnel lake extension of Chicago avenue and Blue Island avenue tunnel system; in course of construction.

LAND TUNNELS.

One 7-foot tunnel from Chicago avenue pumping station to 22d street pumping station; built 1874; cost \$542,912.63.

One 7-foot tunnel from Park row shaft to foot of Peck place and thence to Harrison street pumping station; built 1291; cost \$279,848.78.

One 6-foot connecting tunnel in Jefferson street from Van Buren to Harrison; built 1891; cost \$15,968.17.

One 10-foot tunnel foot of Oak street to Green street and Grand avenue, and two 8-foot tunnels from that point to Central Park avenue and Springfield avenue pumping stations respectively; built 1900; cost \$2,121,525.02.

One 7-foot tunnel connecting above 10-foot tunnel with Chicago avenue pumping station (remodeled); built 1898; cost \$42,436.45.

One 9-foot tunnel from 104th street and Stewart avenue to 73d and State streets; one 12-foot tunnel in 73d street from State street to Yates avenue, and one 14-foot tunnel from Yates avenue to Railroad avenue; in course of construction; estimated cost, \$3,000,000.

One 7-foot tunnel in Polk street connecting Peck place shaft and Jefferson street shaft.

One 8-foot tunnel from Chicago avenue to 22d street and Ashland avenue; built, 1907-8; cost, \$829,704.59.

WATER-PIPE TUNNELS UNDER CHICAGO RIVER.

Dimen's	Length	Year.	Cost.	Location.
in ft.	in ft.	built.		
5.....	280	1871	\$7,550.00	Adams-st.
6.....	249	1871	7,633.00	Archer-av.
7½x10½.....	225	1891	17,453.56	Ashland-av.
6.....	306	1871	7,750.00	Chicago-av.
5.....	227	1880	6,875.00	Clybourn-pl.
6.....	468	1903	13,324.00	Division-st.*
7x8½.....	330	1871	11,220.00	Division-st.
8.....	297	1880	14,630.00	18th-st.
6½x9.....	314	1880	7,885.00	Harrison-st.
6.....	272	1889	8,500.00	93d-st.
6x7.....	1,548	1899	35,561.75	Drainage canal.
5.....	403	1895	29,614.58	N. Western-av.
5.....	485	1880	11,250.00	Rush-st.
7x10.....	241	1892	17,495.20	35th-st.
6.....	311	1876	7,550.00	Throop-st.
7x8.....	345	1905	28,584.54	Montrose-bd.
7½.....	1,680	1907	61,307.10	Ashland-av.
7x8½.....	335	1907	24,831.30	Indiana-st.
7x8½.....	450	1907	21,003.48	Diversey-bd.
7x8.....	326	1908	11,962.56	Western-av.
7x8.....	380	1878	16,018.60	Western-av.*
7x8.....	225	1908	8,357.77	Western-av.*

*Under canal.

WATERWORKS CRIBS.

Name.	Built.	Cost.
Two-mile.....	1867	\$106,679.63
Four-mile.....	1891	472,890.93
Lake View.....	1896	164,085.82
Hyde Park.....	1896	137,624.77
C. H. Harrison.....	1900	232,738.10

VALUE OF WATERWORKS PROPERTY.

The total appraised value of the Chicago waterworks property Dec. 31, 1911, was \$47,792,661.90, divided as follows: Real estate, \$4,198,535; buildings, \$2,537,191.91; equipment, \$2,646,183.63; cribs, tunnels, mains, etc., \$38,410,751.36.

CHICAGO'S BRIDGE SYSTEM.

The first ferry across the river was established in 1829, where the Lake street bridge now is. In 1833 a floating bridge of logs was in operation just north of the present Randolph street bridge. A foot bridge over the north branch was built in 1832 at Kinzie street. The first drawbridge over the main branch of the river was placed at Dearborn street in 1834. In 1854 a pivot bridge was built at Clark street. These and other bridges of that time were built by the persons most directly benefited by them. It was not until 1857 that a bridge was built entirely at the city's expense. This was the structure over the south branch at Madison street. It cost \$30,000. Until 1872 the swing bridges were turned by hand, but in the year named steam power was installed on the Dearborn street structure and later on most of the other bridges in the downtown section were similarly equipped. In 1895 the Rush, Lake and Van Buren street bridges were operated by electric motors. The last named structure, which was opened for traffic in that year, was the first of the Scherzer rolling type. The Histed street lift bridge, the first and only one of its kind, was opened in 1894 and was operated by steam. It cost the city \$242,880.

Of the bridges operated by the city thirty-six are operated by electricity, one by steam and the others by hand power. Twelve are bascule bridges of various types, one is a vertical lift bridge and the others are swing bridges.

CHICAGO RECEIPTS AND SHIPMENTS (1904-1911).

[From board of trade reports.]

RECEIPTS.

ARTICLE.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.
Pork, brls.	10,452	12,320	5,034	13,072	9,270	21,953	5,306	9,050
Other meats, lbs.	200,321,000	274,012,012	204,641,412	206,872,674	225,477,338	207,405,026	180,881,600	228,741,800
Lard, lbs.	54,519,142	64,653,195	80,397,443	70,361,665	77,301,132	70,832,783	44,735,400	42,171,80
Butter, lbs.	249,024,146	271,914,808	248,618,008	263,714,642	316,694,782	284,546,835	318,985,500	334,932,400
Wool, lbs.	72,636,000	43,521,605	57,312,218	53,805,470	66,018,833	91,685,097	55,407,700	71,810,800
Hides, lbs.	165,739,850	155,346,635	132,378,793	120,612,511	136,729,644	150,636,892	155,993,000	166,130,800
Flaxseed, bu.	3,337,313	2,800,241	2,086,395	1,851,142	2,119,355	1,199,119	1,388,300	959,500
Other seeds, lbs.	88,722,907	78,589,945	62,729,160	51,141,309	58,588,358	91,132,313	66,143,600	37,441,100
Salt, brls.	2,005,159	1,984,193	1,511,384	1,938,890	1,329,030	1,738,995	1,725,525	1,659,799
Lumber, 1,000 ft.	1,670,272	2,133,540	2,362,856	2,479,458	2,052,639	2,584,539	2,519,357	2,194,557
Eggs, cases*	3,113,838	3,117,221	3,588,878	4,780,356	4,569,014	4,557,907	4,844,045	4,707,925
Flour, brls.	8,839,327	7,944,955	9,059,329	9,435,311	9,496,037	8,526,200	8,006,283	5,859,396
Wheat, bu.	24,457,340	26,809,012	28,249,475	24,913,630	21,168,442	26,985,116	27,540,100	37,118,100
Corn, bu.	100,543,207	110,823,444	98,896,562	125,159,932	91,169,147	90,894,922	102,592,850	108,550,500
Oats, bu.	73,023,119	92,486,761	89,912,881	89,906,779	92,529,017	87,884,238	101,859,000	94,099,800

SHIPMENTS.

Pork, brls.	113,850	144,969	182,906	141,840	168,265	182,222	126,728	105,913
Other meats, lbs.	652,564,606	754,342,965	804,612,049	759,259,255	720,804,686	720,032,586	562,203,800	550,849,300
Lard, lbs.	336,789,933	405,629,825	421,914,539	393,629,939	402,779,483	255,052,422	268,702,900	302,694,100
Butter, lbs.	249,339,694	254,130,889	292,807,516	292,005,932	269,178,513	235,648,837	266,288,900	285,685,400
Wool, lbs.	73,316,559	45,757,734	60,546,206	65,907,814	83,267,718	118,156,535	94,226,200	139,688,600
Hides, lbs.	197,489,231	173,094,222	175,315,320	166,738,334	199,176,023	180,677,514	185,626,000	194,764,800
Flaxseed, bu.	676,231	338,452	435,171	98,292	215,984	150,834	344,000	1,700,000
Other seeds, lbs.	71,198,146	54,210,439	61,683,329	75,180,800	83,337,110	76,043,552	56,227,200	36,964,200
Salt, brls.	375,833	332,920	244,462	409,339	416,121	460,359	402,966	523,653
Lumber, 1,000 ft.	821,008	956,377	1,011,491	977,746	771,539	961,822	962,776	803,923
Eggs, cases*	1,685,577	2,030,339	2,475,659	2,839,677	2,905,382	2,306,727	2,706,066	3,145,678
Flour, brls.	7,267,896	7,361,967	8,199,628	9,231,693	9,180,355	8,316,943	7,033,351	5,781,992
Wheat, bu.	17,957,416	15,922,714	16,788,573	24,314,592	22,579,014	25,484,171	18,679,100	23,839,500
Corn, bu.	75,184,758	91,153,942	78,074,686	95,770,773	69,692,748	72,835,859	78,623,100	87,990,000
Oats, bu.	47,305,901	66,131,725	73,718,199	68,897,313	79,857,557	77,988,635	77,990,100	77,425,500

*Thirty dozen in each.

IMPORTS OF MERCHANDISE INTO CHICAGO.

Value of imported merchandise entered for consumption and withdrawn from warehouse, with amounts of duty collected thereon, for the year 1911, at the port of Chicago:

Articles free of duty.	Value.	Duty.
Art works over 20 years old.	\$25,765	
Antiquities over 100 years old.	148,333	
Tea.	1,751,742	
Other free articles.	4,086,317	
Articles subject to duty.		
American whisky returned.	26,765	\$24,372.12
Ale, beer and porter.	120,865	63,577.09
Art works.	87,939	13,190.85
Automobiles and parts of.	23,543	10,594.35
Books, music, etc.	79,786	19,946.50
Breadstuffs.	372,159	115,527.47
Brushes.	71,326	28,530.40
Cheese.	440,302	151,780.85
Chemicals, drugs, etc.	998,284	202,805.49
Cigars and cigarettes.	1,267,867	735,477.39
Clocks, watches and parts of.	313,622	132,017.67
Cocoa and chocolate.	80,445	67,473.16
Cutlery.	46,263	27,599.83
Diamonds, precious stones.	468,560	48,407.89
Dry goods.	6,727,727	3,861,325.14
Fish, all kinds.	923,189	198,455.40
Fruit and nuts.	915,651	272,987.61
Furs and manufactures of.	91,693	28,622.02
Gold and silver, manufactures.	99,819	56,903.79
Guns and firearms.	20,221	7,955.33
Hops.	61,096	34,062.77
Iron and steel, manufactures.	542,132	190,949.44
Jewelry.	104,091	75,746.21
Lead ore.	30,192	38,334.24

Articles free of duty.

Value.	Duty.
Leather, mfrs. of, gloves.	\$45,619
Leather, mfrs. of, all other.	100,584
Maple sugar.	39,015
Matches.	61,203
Metals of steel, etc.	39,584
Metals and manufactures of.	252,760
Millinery goods.	553,313
Musical instruments.	296,154
Oilcloth and linoleum.	157,702
Oils.	357,314
Paints and varnish.	58,375
Paper, manufactures of.	428,618
Pickles, sauces, etc.	165,581
Plate and window glass.	80,296
Salt.	42,479
Seeds, plants, bulbs.	342,373
Soap.	67,727
Smokers' pipes.	44,128
Spirits, distilled.	480,209
Tobacco, leaf.	1,137,655
Toys and dolls.	600,839
Wines, champagne.	258,993
Wines, still.	202,385
Wood, lumber.	529,534
Wood, mfrs. of, all other.	114,842
Miscellaneous.	690,235
Totals, 1911.	28,039,068
Totals, 1910.	28,281,331
Totals, 1909.	25,542,321
Totals, 1908.	22,803,087
Totals, 1907.	26,528,022
Totals, 1906.	24,141,004
Totals, 1911.	10,131,150.12
Totals, 1910.	10,102,062.56
Totals, 1909.	10,160,635.51
Totals, 1908.	8,502,492.29
Totals, 1907.	9,504,564.74
Totals, 1906.	10,005,952.35

CHICAGO AND COOK COUNTY REAL ESTATE BOARDS.

THE CHICAGO REAL ESTATE BOARD.

26 North Dearborn street, second floor.

OFFICERS FOR 1912.

President—Frederick S. Oliver.
 Vice-President—George S. Eddy.
 Secretary—Raymond E. Herman.
 Treasurer—Buckingham Chandler.

COOK COUNTY REAL ESTATE BOARD.

135 North Dearborn street.

OFFICERS FOR 1912.

President—Albert Wahl.
 Vice-President—Ralph G. Badeaux.
 Secretary—William H. Lechde.
 Treasurer—William F. Tempel.

CHICAGO MORTALITY STATISTICS.

[From reports of health department.]

POPULATION, DEATHS AND DEATH RATES BY YEARS.

Year.	Population.	Deaths.	Deaths in 1,000 of population.	Year.	Population.	Deaths.	Deaths in 1,000 of population.	Year.	Population.	Deaths.	Deaths in 1,000 of population.
1844.....	10,170	336	33.04	1867.....	225,000	4,773	21.21	1890.....	1,099,850	21,856	19.87
1845.....	12,088	344	28.46	1868.....	252,054	5,984	23.74	1891.....	1,148,795	27,754	24.16
1846.....	14,169	394	27.81	1869.....	280,000	6,488	23.17	1892.....	1,199,730	26,219	21.85
1847.....	16,859	572	33.93	1870.....	306,605	7,323	23.88	1893.....	1,253,022	27,083	21.61
1848.....	20,023	638	31.86	1871.....	324,270	6,976	20.87	1894.....	1,308,682	23,892	18.26
1849.....	23,047	1,701	73.80	1872.....	367,596	10,156	27.64	1895.....	1,366,813	24,219	17.72
1850.....	29,963	1,467	48.96	1873.....	380,000	9,557	25.15	1896.....	1,427,527	23,257	16.29
1851.....	34,000	827	27.26	1874.....	395,408	8,025	20.30	1897.....	1,490,937	21,809	14.63
1852.....	38,734	1,809	46.70	1875.....	400,600	7,899	19.72	1898.....	1,557,164	22,793	14.64
1853.....	69,130	1,325	22.41	1876.....	407,661	8,573	21.03	1899.....	1,626,333	25,503	15.63
1854.....	65,872	4,217	64.02	1877.....	430,000	8,026	18.67	1900.....	1,698,575	24,941	14.63
1855.....	80,023	2,181	27.26	1878.....	438,731	7,422	16.99	1901.....	1,751,968	24,406	13.93
1856.....	84,113	2,086	24.80	1879.....	491,516	8,614	17.53	1902.....	1,801,255	26,455	14.69
1857.....	87,600	2,414	27.56	1880.....	503,185	10,462	20.79	1903.....	1,850,542	28,914	15.62
1858.....	90,000	2,255	25.06	1881.....	540,000	14,101	26.11	1904.....	1,899,829	26,311	13.85
1859.....	93,000	2,008	21.59	1882.....	560,693	13,234	23.69	1905.....	1,949,116	27,212	13.96
1860.....	109,206	2,264	20.73	1883.....	580,000	11,555	19.92	1906.....	1,998,403	29,048	14.54
1861.....	120,000	2,279	18.99	1884.....	629,885	12,471	19.79	1907.....	2,047,690	32,198	15.72
1862.....	138,186	2,835	20.52	1885.....	665,000	12,474	18.76	1908.....	2,096,977	30,338	14.49
1863.....	150,000	3,875	25.83	1886.....	703,715	13,699	19.47	1909.....	2,146,264	31,296	14.58
1864.....	169,353	4,448	26.26	1887.....	760,000	15,409	20.27	1910.....	2,195,551	33,241	15.14
1865.....	178,492	4,029	22.57	1888.....	802,651	15,772	19.65	1911.....	2,244,835	32,672	14.55
1866.....	200,418	6,524	32.55	1889.....	935,000	16,946	18.12	1912.....	2,294,120	28,195	14.07

NOTE.—The population is for midyear.

STATISTICS FOR 1911.

DEATHS BY AGES.		BY IMPORTANT CAUSES.		TEN MONTHS, 1912.	
Under 1 year.....	6,309	Typhoid fever.....	145	Typhoid fever.....	900
1 to 5 years.....	2,879	Smallpox.....	6	Smallpox.....	60
5 to 10 years.....	940	Measles.....	98	Chickenpox.....	1,443
10 to 20 years.....	1,286	Scarlet fever.....	452	Measles.....	5,313
20 to 30 years.....	2,907	Whooping cough.....	135	German measles.....	108
30 to 40 years.....	3,136	Diphtheria and croup.....	706	Scarlet fever.....	6,864
40 to 50 years.....	3,413	Indurated.....	49	Whooping cough.....	2,341
50 to 60 years.....	3,951	Rabies.....	3	Diphtheria, cases.....	5,176
60 to 70 years.....	3,366	Tetanus.....	22	Diphtheria, carriers.....	500
70 to 80 years.....	2,449	Pellagra.....	5	Mumps.....	1,411
Over 80 years.....	1,205	Cerebrospinal fever.....	32	Cerebrospinal fever.....	30
Unknown age.....	1	Infantile paralysis.....	11	Infantile paralysis.....	118
BY IMPORTANT CAUSES.		Tuberculosis (all forms).....	3,166	Ophthalmia neonatorum.....	18
Typhoid fever.....	242	Pneumonia (all forms).....	4,080	Tuberculosis (all forms).....	6,312
Smallpox.....	129	Diarrhea and enteritis (under 2 years).....	2,792	Pneumonia.....	1,207
Measles.....	475	Congenital defects and accidents.....	1,443	Diarrhea and enteritis.....	23
Scarlet fever.....	55	Sunstroke.....	27	Others.....	576
Whooping cough.....	878	CONTAGIOUS DISEASES REPORTED, 1911.		Total.....	32,399
Diphtheria and croup.....	878	Diphtheria cases.....	7,669		
Tuberculosis (all forms).....	3,725	Diphtheria carriers.....	1,172		
Cerebrospinal fever.....	40	Scarlet fever.....	7,422		
Pneumonia (all forms).....	4,929	Measles.....	6,520		
Diarrhea diseases under 2 years of age.....	2,977	Whooping cough.....	961		
Congenital defects and accidents.....	1,683	Tuberculosis.....	8,152		
Sunstroke.....	167	Pneumonia.....	1,946		
STATISTICS FOR 1912.					
(First ten months.)					
DEATHS BY AGES.					
Under 1 year.....	5,782				
1 to 5 years.....	2,744				
5 to 10 years.....	807				
10 to 20 years.....	1,047				
20 to 30 years.....	2,410				

STREETS, ALLEYS AND PAVEMENTS.

The combined length of the streets and alleys of Chicago is 4,399.49 miles. The street mileage is 2,921.14 and the alley mileage 1,478.35. Of the streets 1,800.73 miles are paved. The total of each kind of pavement in use Jan. 1, 1912, was:

Pavement.	Miles.	Pavement.	Miles.
Asphalt.....	583.90	Macadam.....	580.45
Asphalt concrete.....	1.30	Medina stone.....	1.19
Asphalt macadam.....	1.91	Slag.....	7.48
Block asphalt.....	1.74	Novaculite.....	2.00
Brick.....	181.20	Rock asphalt.....	0.57
Cedar.....	301.17	Tar macadam.....	0.87
Concrete.....	5.94	Wood asphalt.....	0.05
Creosoted block.....	27.62		
Granite.....	103.34	Total.....	1,800.73

STREET LIGHTING IN CHICAGO.

Number of lights of specified kinds used:				
Light.	1908.	1909.	1910.	1911.
Gas.....	21,798	18,313	17,416	17,385
Gasoline.....	7,088	6,806	7,319	7,977
Elect. (by city).....	8,602	11,592	12,856	12,449
Elect. (rented).....	678	810	893	897
Tot. operated.....	38,166	37,521	37,994	38,708
Total cost.....	\$1,013,573	\$1,034,822	\$1,043,401	\$1,013,041
In 1911 the cost of operating the various kinds of light was as follows: Gas, \$298,608.24; gasoline, \$204,209.76; rented electric lights, \$70,770.63; municipal electric lights, \$422,539.84. The cost of maintaining each arc light operated from a municipal plant was \$33.94; cost per light for rented arc lights, \$75.				

FIRE DEPARTMENT STATIONS.

FIRE ENGINE COMPANIES.

General headquarters, city hall.

No. Location.	No. Location.	No. Location.	No. Location.
1. 333 S. 5th avenue.	42. 230 West Illinois-st.	52. 761 East 95th street.	100. 6843 Jefferson-av.
2. 2421 Lowe avenue.	43. 2183 Stave street.	53. 1219 South place.	101. 1533 West 69th-st.
3. 355 West Erie street.	44. 3138 W. Lake street.	54. 5721 S. Halsted-st.	102. 7077 N. Clark street.
4. 1244 N. Halsted-st.	45. 4602 Cottage Grove-av.	55. 3700 West Huron-st.	103. 1459 W. Harrison-st.
5. 328 S. Jefferson-st.	46. 9321-23 South Chicago avenue.	56. 2414 Cuyler avenue.	104. 1401 Michigan-av.
6. 514 Maxwell street.	47. 7531 Dobson avenue.	57. 3701 Escanaba-av.	105. 2337 W. Erie street.
7. 636 Blue Island-av.	48. 4005 Dearborn street.	58. 3500 W. 60th street.	106. 2754 N. Fairfield-av.
8. 1931 Archer avenue.	49. 1642 W. 47th street.	59. 4456 N. 46th court.	107. 2258 W. 13th street.
9. 2527 Cottage Grove-av.	50. 4659 Wentworth-av.	60. 1016 W. Division-st.	108. 4835 Our street.
10. 253 S. LaSalle street.	51. 6345 Wentworth-av.	61. 3000 Elbridge avenue.	109. 2358 S. Whipple-st.
11. 10 E. Michigan-st.	52. 4714 Elizabeth-av.	62. Out of commission.	110. 2541 Foster avenue.
12. 1641 West Lake-st.	53. 4714 Elizabeth-av.	63. 331 South 5th avenue.	111. 1701 N. Washtenaw-av.
13. 209 N. Dearborn-st.	54. 40th and Packers-av.	64. 325 S. Jefferson-st.	112. 1732 Byron street.
14. 509 W. Chicago-av.	55. 2740 Vincennes road.	65. 4000 Wilcox avenue.	113. 4650 Lexington-st.
15. 1154 W. 22d street.	56. 2740 Sheffield avenue.	66. 439 North Waller-av.	114. 3542 W. Fullerton-av.
16. 23 W. 31st street.	57. 2214 Barry avenue.	67. 13359 Superior-av.	115. 11940 S. Peoria-st.
17. 558 West Lake street.	58. 2412 Haddon avenue.	68. 202 East Chicago-av.	116. 5929 Wood street.
18. 1123 West 12th street.	59. 92d street bridge and Calumet river.	69. 3042 S. 41st court.	117. 816 N. 52d avenue.
19. 3444 Rhodes avenue.	60. 826 Exchange avenue.		
20. 1318 Rawson street.	61. 1315 E. 55th street.		
21. 14 W. Taylor street.	62. 5300 Wentworth-av.		
22. 520 Webster avenue.	63. 34 East 114th street.		
23. 1702 West 21st place.	64. 6328-30 Jackson-av.		
24. 2447 Warren avenue.	65. 2714 East 114th street.		
25. 1975 Canalport-av.	66. 2856 Fillmore street.		
26. 457 N. Lincoln street.	67. 4666 Fulton street.		
27. 1244 W. Lake street.	68. 1642 N. 44th avenue.		
28. 2867 Loomis street.	69. 4017 N. 42d court.		
29. 744 West 35th street.	70. 2100 Eastwood avenue.		
30. 1125 N. Ashland-av.	71. Deering yards.		
31. 2012 W. Congress-st.	72. 7914 Sherman avenue.		
32. 87 E. Washington-st.	73. 8630 Emerald avenue.		
33. 2208 Clybourn avenue.	74. 10615 Ewing avenue.		
34. 114 N. Curtis street.	75. 12054-56 Wallace-st.		
35. 1625 N. Robey street.	76. 3519 Cortland street.		
36. 2346 West 25th street.	77. 1234 S. 40th court.		
37. Foot of Franklin-st. (fireboat Graeme Stewart).	78. 1052 Waveland-av.		
38. 2246 S. Ridgeway-av.	79. 5358 N. Ashland-av.		
39. 1618 West 33d place.	80. 623 East 108th street.		
40. 119 N. Franklin-st.	81. 10458 Hoxie avenue.		
41. Sampson's slip, Throop			

HOOK AND LADDER COMPANIES.

1. 527 S. LaSalle street.	18. 4738 Halsted street.
2. 540 W. Washington-st.	19. 1129 W. Chicago-av.
3. 158 W. Erie street.	20. 446 West 69th street.
4. 214 W. 22d street.	21. 1529 Belmont avenue.
5. 1125 West 12th street.	22. 1620 Winnemac-av.
6. 117 North Franklin-st.	23. 4837 Our street.
7. 455 N. Lincoln street.	24. 4650 Lexington-st.
8. 2865 Loomis street.	25. 1545 Rosemont-av.
9. 85 E. Washington-st.	26. 4002 Wilcox avenue.
10. 1613 Hudson avenue.	27. 30 East 114th street.
11. 9 East 36th place.	28. 1621 N. Robey street.
12. 2256 W. 13th street.	29. 441 N. Waller-av.
13. 2756 N. Fairfield av.	30. 6017 S. State street.
14. 918 West 19th street.	31. 1401 Michigan avenue.
15. 4600 Cottage Grove-av.	32. 2360 S. Whipple-st.
16. 1405 East 62d place.	33. 4457 Marshfield-av.
17. 9323 South Chicago-av.	34. 1024 East 73d street.

FIRE-INSURANCE PATROLS.

1. 163 West Monroe-st.	5. 221 Whiting street.
2. 427 S. Sangamon-st.	6. 334 S. Hoyne avenue.
3. 15 West 23d street.	7. 1628 West Division-st.
4. Union stockyards.	8. 324 North Michigan-av.

MAYORALTY ELECTIONS IN CHICAGO SINCE 1871.

Nov. 7, 1871.	April 7, 1891.	April 4, 1899.
Joseph Medill, Rep..... 16,125	Hempst'd Washburne, Rep. 46,957	C. H. Harrison, Jr., Dem. 143,496
Chas. C. P. Holder, Dem. 5,988	DeWitt C. Cregier, Dem. 46,588	Zina R. Carter, Rep..... 107,437
Nov. 4, 1873.	Dec. 19, 1893.	April 2, 1901.
H. D. Colvin, Peo. Party..... 25,791	Special election to fill vacancy caused by assassination of Carter H. Harrison, Sr.	C. H. Harrison, Jr., Dem. 156,756
L. L. Bond, Law and Order. 18,540	John P. Hopkins, Dem..... 112,959	Elbridge Haney, Rep..... 128,413
July 12, 1876.	George B. Swift, Rep..... 111,669	Avery E. Hoyt, Pro..... 3,328
Monroe Heath, Rep..... 19,248	Michael Britzhus, Soc..... 2,064	Gus. Hoyt, Soc. Dem..... 2,043
Mark Kimball, Dem..... 7,509	Ebenezer Wakeley, Pop..... 535	John B. Pepin, Soc. Lab..... 679
J. J. McGrath, Ind..... 3,363		Thomas Rhodes, Sin. Tax..... 1,028
April 2, 1877.	April 2, 1895.	John Collins, Soc..... 5,334
Monroe Heath, Rep..... 30,881	George B. Swift, Rep..... 143,984	April 7, 1903.
Perry H. Smith, Dem..... 19,449	Frank Wenter, Dem..... 103,125	C. H. Harrison, Jr., Dem. 146,208
April 1, 1879.	Bayard Holmes, Peo..... 12,882	Graeme Stewart, Rep..... 138,548
C. H. Harrison, Sr., Dem. 25,685	Arthur J. Bassett, Pro..... 994	Thomas L. Haines, Pro..... 2,674
Abner M. Wright, Rep..... 20,496	Ebenezer Wakeley, Peo. Sil. 302	Charles L. Breckon, Soc..... 11,124
Ernst Schmidt, Soc..... 11,829	April 6, 1897.	Daniel L. Cruice, Ind. Lab. 9,947
April 5, 1881.	C. H. Harrison, Jr., Dem. 148,880	Henry Sale, Soc. Lab..... 1,014
C. H. Harrison, Sr., Dem. 35,668	John M. Harlan, Ind. Rep. 69,730	April 4, 1905.
John M. Clark, Rep..... 27,925	Nathanial C. Sears, Rep..... 55,542	Edward F. Dunne, Dem..... 163,139
Timothy O'Mara, Ind..... 764	Wash. Hesing, Ind. Dem. 15,427	John M. Harlan, Rep..... 138,548
George Schilling, Soc..... 240	John Glambock, Soc. Lab. 1,230	Oliver W. Stewart, Pro..... 3,294
April 3, 1883.	H. L. Parmelee, Pro..... 910	John Collins, Soc..... 23,934
C. H. Harrison, Sr., Dem. 41,225	Irving Pearce, Jr., Ind. 561	April 2, 1907.
Eugene Cary, Rep..... 30,963	Frank H. Collier, Ind. Dem. 110	Fred A. Busse, Rep..... 164,702
April 7, 1885.	April 2, 1897.	Edward F. Dunne, Dem..... 151,779
C. H. Harrison, Sr., Dem. 43,352	C. H. Harrison, Jr., Dem. 148,880	W. A. Brubaker, Pro..... 6,020
Sidney Smith, Rep..... 42,977	John M. Harlan, Ind. Rep. 69,730	George Koop, Soc..... 13,429
William H. Bush, Pro..... 221	Nathanial C. Sears, Rep..... 55,542	April 4, 1911.
April 5, 1887.	Wash. Hesing, Ind. Dem. 15,427	Carter H. Harrison, Dem. 177,997
John A. Roche, Rep..... 51,249	John Glambock, Soc. Lab. 1,230	Charles E. Merriam, Rep..... 160,672
Robert L. Nelson, Lab..... 23,490	H. L. Parmelee, Pro..... 910	W. A. Brubaker, Pro..... 2,239
Joseph L. Whitlock, Pro..... 372	Irving Pearce, Jr., Ind. 561	W. E. Rodriguez, Soc..... 24,825
April 2, 1889.	April 2, 1897.	Anthony Prince, Soc. Lab. 1,058
John A. Roche, Rep..... 45,328	C. H. Harrison, Jr., Dem. 148,880	
Ira J. Mason, Pro..... 410	John M. Harlan, Ind. Rep. 69,730	
DeWitt C. Cregier, Dem. 57,340	Nathanial C. Sears, Rep..... 55,542	
Charles Orchardson, Soc..... 303	Wash. Hesing, Ind. Dem. 15,427	

THE ART INSTITUTE OF CHICAGO.

A museum of fine arts and school of drawing, painting, etc.

Michigan avenue and Adams street.

OFFICERS.

President—Charles L. Hutchinson.
Vice-Presidents—Martin A. Ryerson, Frank G. Logan.Secretary—Newton H. Carpenter.
Assistant Secretary—William F. Tuttle.

Treasurer—Ernest A. Hamill.

Auditor—William A. Angell.

Director—W. M. R. French.

Librarian—Miss Mary Van Horne.

School Registrar—Theodore J. Keane.

Trustees, 1911-1912—Edward E. Ayer, Adolphus C. Bartlett, John C. Black, Chauncey J. Blair, Clarence Buckingham, Edward B. Butler, Clyde M. Carr, Henry H. Getty, John J. Glessner, Frank W. Gunsulius, Charles L. Hutchinson, Bryan Lathrop, Frank G. Logan, R. Hall McCormick, John J. Mitchell, Samuel M. Nickerson, Honore Palmer, Martin A. Ryerson, Howard Shaw, Albert A. Sprague. Ex officio: Carter H. Harrison, mayor; John E. Traeger, city comptroller; John Barton Payne, president south park commissioners; Joseph Donnersberger, auditor south park commissioners.

The Art Institute of Chicago was incorporated May 24, 1879, for the "founding and maintenance of schools of art and design, the formation and exhibition of collections of objects of art and the cultivation and extension of the arts of design by any appropriate means." The museum building upon the lake front, first occupied in 1893, has never been closed for a day. It is open to the public every week day from 9 to 5, Sundays from 1 to 5:30 and 7 to 10. Admission is free to members and their families at all times, and free to all upon Wednesdays, Saturdays, Sundays and legal holidays. Upon other days the entrance fee is 25 cents.

All friends of art are invited to become members. Annual members pay a fee of \$10 a year. Life members pay \$100 and are thenceforth exempt from dues. Governing members pay \$100 upon election and \$25 a year thereafter. Upon the payment of \$400 governing members become governing life members and are thenceforth exempt from dues. All receipts from life memberships are invested and the income only expended. All members are entitled, with their families and visiting friends, to admission to all exhibitions, receptions, public lectures and entertainments given by the Art Institute and to the use of the Ryerson reference library upon art.

MUSEUM.

The Art museum now ranks among the first three or four in the country. It contains excellent examples of the old masters and of the modern painters. There is also a large and comprehensive collection of sculptures, including reproductions of the work of the greatest sculptors, ancient and modern. There is an extensive collection of architectural casts. Other fields of art are represented by collections of etchings, engravings, textiles, oriental art, Egyptian and classical antiquities, etc. There is a constant succession of passing exhibitions, thirty or more in a year. All students enjoy the full use of the collections and the library.

The number of visitors to the art gallery during the year ending June 1, 1912, was 861,011.

SCHOOL.

The school of instruction in the practice and theory of art includes departments of painting, sculpture, decorative designing, illustration, architecture and normal instruction. There are day and evening classes for beginners and for advanced pupils and special classes on Saturdays. The instructors number about 80 and the pupils average about 3,000 a year. The principle upon which the school is founded is to maintain in the highest efficiency the severe practice of academic drawing and painting, from life, from the antique and from objects, and around this practice, as a living stem, to group the various departments of art education.

The school is conducted upon the most modern methods and has grown to be the most comprehensive and probably the largest fine arts school in the United States. Constant communication and interchange are kept up with European art centers and distinguished teachers from a distance are called in from time to time. Students may enter at any time. The tuition rates are as follows:

Day School—Full time for full term of twelve weeks, \$30; four weeks, \$12; four days a week, full term, \$27; four weeks, \$11; three days a week, full term, \$24; four weeks, \$9; two days a week, full term, \$18; four weeks, \$7; one day a week, full term, \$12; four weeks, \$5.

Half-Day Courses—Five half days a week, \$24 a term; four weeks, \$10; four half days a week, \$21 a term; four weeks, \$9; three half days a week, \$17 a term; four weeks, \$7; two half days a week, \$13 a term; four weeks, \$5; one half day a week, \$8 a term; four weeks, \$4.

Evening Rates—Three nights a week, \$7 for twelve weeks or \$3 for four weeks; two nights a week, \$5.50 a term or \$2.50 for four weeks; one night a week, \$4 a term or \$2 for four weeks.

Saturday Rates for Juvenile Class—Twelve half days for \$5.

Special Classes—

Pottery—Twelve half days.....	\$6.00
Leather—Twelve half days.....	6.00
Metal—Twelve half days.....	6.00
Bookbinding—Twelve half days.....	6.00
Drawing—Twelve half days.....	5.00
Design—Twelve half days.....	5.00
Ceramic Painting—Twelve half days.....	8.00
Ceramic Design—Twelve half days.....	5.00

The attendance of students for the year ended June 1, 1912, was as follows:

Day school.....	1,024
Saturday school.....	770
Evening school.....	907
Summer school.....	515

Total	3,216
Students belonging to two schools.....	162

Grand total.....	3,054
------------------	-------

REVENUE FROM THE ILLINOIS CENTRAL.

Since March 24, 1855, the Illinois Central Railroad company, in accordance with the terms of its charter, accepted March 15, 1851, has been paying into the Illinois state treasury semiannually a certain percentage of the gross receipts from its charter lines. This percentage up to 1867 was 5 and since then has been 7. The total amount paid by the road to the state up to April 30, 1912, was \$31,502,713.29. The gross receipts and the semi-annual payments to the state since April 30, 1905, have been:

Time.	Receipts.	Payments.
April 30, 1905.....	\$7,635,116.74	\$534,453.17
Oct. 31, 1905.....	7,868,214.35	550,775.00

Time.	Receipts.	Payments.
April 30, 1906.....	8,461,749.42	592,322.46
Oct. 31, 1906.....	8,572,838.57	600,102.55
April 30, 1907.....	8,517,289.72	596,210.23
Oct. 31, 1907.....	9,176,083.48	642,325.84
April 30, 1908.....	7,619,184.14	532,342.89
Oct. 31, 1908.....	7,996,765.05	559,773.55
April 30, 1909.....	8,047,250.33	562,307.52
Oct. 31, 1909.....	8,419,454.63	589,361.82
April 30, 1910.....	8,684,545.71	607,918.20
Oct. 31, 1910.....	8,714,423.43	610,009.61
April 30, 1911.....	8,844,230.28	619,096.12
Oct. 31, 1911.....	8,862,687.42	620,388.12
April 30, 1912.....	8,006,149.85	560,430.49

CHICAGO FIRE STATISTICS SINCE 1863.

[From reports of fire marshals.]

Years.	Fires.	Property involved.	Loss.	Insurance.	Average loss on property involved.	Percentage of loss on property involved.	Population.	Population to each fire.	Loss per capita.
1863-4.....	186	No record.	\$355,600	\$272,500	\$1,912	.....	153,796	827	\$2.31
1864-5.....	193		651,798	685,300	3,877	.....	169,353	877	3.85
1865-6.....	243		1,216,466	941,602	5,005	.....	178,492	735	6.32
1866-7.....	315		2,487,973	1,643,445	7,898	.....	200,413	636	12.41
1867-8.....	515		4,315,332	3,417,288	8,133	.....	226,236	439	19.07
1868-9.....	405		560,169	632,248	1,833	.....	252,054	622	2.22
1869-70.....	600		871,905	600,061	1,453	.....	279,330	466	3.12
1870-1.....	669		2,447,845	2,183,498	3,659	.....	306,605	458	7.98
1871-2*.....	489		672,800	745,000	1,989	.....	337,000	685	2.89
1872-3.....	441		680,099	3,763,275	1,542	.....	367,393	833	1.85
1873-4.....	466	\$7,041,700	1,013,246	3,641,735	2,175	14.39	381,402	818	2.66
1874-5.....	473	11,063,616	2,345,684	6,789,300	4,959	21.22	395,408	836	5.93
1875-6.....	332	4,601,770	1,127,014	2,328,159	386	2.76	401,535	1,209	.42
1876.....	404	9,173,004	387,951	3,780,060	813	4.23	407,661	855	.95
1877.....	445	10,868,921	1,044,997	6,173,576	2,348	9.62	442,196	949	2.49
1878.....	478	6,751,294	306,317	3,327,348	641	4.54	436,731	914	.70
1879.....	638	11,501,473	577,082	11,612,331	897	4.97	469,515	736	1.22
1880.....	804	14,752,066	1,135,816	5,409,480	1,413	7.70	503,298	626	2.26
1881.....	895	19,738,508	921,495	9,662,326	1,030	4.67	531,996	594	1.73
1882.....	981	26,435,705	569,885	12,587,090	581	2.16	560,693	572	1.02
1883.....	1,153	42,383,215	1,379,736	21,790,767	1,197	3.26	595,339	517	2.32
1884.....	1,278	22,685,601	968,229	12,048,683	758	4.27	629,985	493	1.64
1885.....	1,209	48,055,541	2,225,184	22,407,225	1,700	4.06	661,923	506	3.36
1886.....	1,543	43,646,452	1,492,084	22,676,518	967	3.42	693,861	450	2.15
1887.....	1,853	62,241,191	1,839,058	32,095,202	392	2.95	748,256	404	2.46
1888.....	1,871	76,618,085	1,363,427	38,610,407	729	1.73	802,651	429	1.70
1889.....	2,076	66,490,323	2,154,340	34,440,627	1,033	3.24	1,000,000	482	2.15
1890.....	2,755	106,650,905	2,092,071	47,987,840	1,759	3.93	1,099,133	397	1.97
1891.....	3,353	124,009,193	3,053,874	59,703,511	911	2.46	1,147,000	342	2.67
1892.....	3,549	123,482,011	1,521,445	65,635,291	429	1.23	1,197,000	337	1.27
1893.....	5,224	330,028,212	3,149,590	180,387,890	603	.95	1,250,000	239	2.52
1894.....	5,174	129,046,541	3,254,140	72,185,581	629	2.52	1,305,000	252	2.49
1895.....	5,316	120,794,760	2,974,760	73,443,646	500	2.37	1,362,000	256	2.19
1896.....	4,414	97,061,640	1,979,355	59,970,130	448	2.04	1,427,000	323	1.39
1897.....	5,326	98,883,270	2,272,990	55,233,596	425	2.30	1,485,000	279	1.53
1898.....	5,048	91,922,210	2,651,735	56,560,470	525	2.88	1,558,000	309	1.70
1899.....	6,031	128,304,413	4,534,065	70,851,165	752	3.53	1,626,000	270	2.79
1900.....	5,503	112,599,125	2,213,699	72,893,463	402	1.98	1,698,575	309	1.30
1901.....	5,136	133,135,220	4,296,433	83,079,743	700	3.22	1,747,236	285	2.46
1902.....	5,125	112,998,325	4,118,933	71,615,759	803	3.64	1,735,897	350	2.29
1903.....	6,054	111,743,441	2,062,931	68,748,203	489	2.73	1,844,566	305	1.66
1904.....	6,601	122,075,301	2,950,254	77,234,230	443	2.40	1,893,219	284	1.56
1905.....	6,522	117,497,315	3,303,929	76,533,530	507	2.81	1,941,880	298	1.70
1906.....	6,387	119,974,033	4,179,285	75,356,085	654	3.49	1,990,541	312	2.01
1907.....	6,257	142,900,863	3,937,105	92,575,189	629	2.76	2,039,202	326	1.93
1908.....	7,793	114,527,300	3,873,444	72,048,810	497	3.38	2,087,862	268	1.86
1909.....	7,414	135,730,618	3,046,797	90,960,970	411	2.24	2,136,525	233	1.43
1910.....	9,083	129,676,681	4,884,793	83,808,768	533	3.77	2,185,283	241	2.24
1911.....	9,151	121,156,470	3,864,123	80,653,116	422	3.19	2,262,756	247	1.71

*The great fire not included. †The large fire included. ‡Nine months, ending Dec. 31, 1875.

POLITICAL ASSOCIATIONS IN CHICAGO.

Chicago Citizenship Congress—President, Judge Mar-
cus A. Kavanaugh; secretary, Charles A. Alden,
642 Commercial National Bank building.
Chicago Civil Service League, room 711, 169 West
Madison street—President, James M. Grimm; sec-
retary, Cora F. Rohde.
Chicago Political Equality League, 410 South Mich-
igan avenue—Corresponding secretary, Mrs. Ber-
tram W. Sippy, 5615 Woodlawn avenue.
Chicago Single Tax Club, 508 Schiller building—
Secretary, James B. Ellery.
Citizens' Association of Chicago (nonpartisan), room
33, 106 North LaSalle street—President, George E.
Cole; secretary, Shelby M. Singleton.
City Club, 315 Plymouth court—President, Alfred L.
Baker; secretary, Laird Bell; civic secretary,
George E. Hooker.
Civic Federation (nonpartisan), room 416, 108 South
LaSalle street—President, Henry M. Byllesby;
secretary, Douglas Sutherland.
Civil Service Reform Association of Chicago, 951

Marquette building—President, Robert Cather-
wood; secretary, Herbert E. Fleming.
County Democracy Club, 167 West Randolph street,
second floor—President, Miles Devine; secretary,
Charles C. Fitzmorris.
Legislative Voters' League of Illinois (nonpartisan),
1634, 7 South Dearborn street—President, Clifford
W. Barnes; secretary, James A. Sanford.
Municipal Voters' League (nonpartisan)—Presi-
dent, Lessing Rosenthal; secretary, Kellogg Fairbank,
556 Monadnock building.
Progressive Club of Chicago—President, Thomas D.
Knight; secretary, William Medaris.
United Societies for Self-Government, 202, 153 North
Dearborn street—President, George Landau; sec-
retary, A. J. Cermak.
Locations and secretaries of semipolitical social
clubs like the Hamilton (rep.) and the Iroquois
(dem.) will be found under "Chicago Clubs and
Clubhouses." See "Political Committees" for na-
tional, state and county party headquarters.

STATE SOCIETIES IN CHICAGO.

Indiana Society of Chicago—President, Wilbur D.
Nesbit; secretary, Edward M. Holloway, 725 Fed-
eral building.
Michigan Society of Chicago—President, Marquis
Baton; secretary, J. T. Wagner.

New England Society of Chicago—President, Albert
C. Barnes; secretary, R. F. Paine.
New York Society of Chicago—President, Dr. Al-
fred L. Cole; secretary, Ira Fogel.
Wisconsin Society of Chicago—President, Edward
E. Ayer; secretary, Allard Smith.

MUSIC IN CHICAGO.

THE THEODORE THOMAS ORCHESTRA.

The Theodore Thomas orchestra was organized in Chicago in 1890-1891 by a number of men interested in promoting the highest class of instrumental music. The Orchestral association was incorporated Dec. 16, 1890, and Theodore Thomas, famous for many years as a conductor, was engaged to lead the new organization, which was then named the Chicago orchestra. The preparations were completed in 1891 and the first public rehearsal was given at the Auditorium Friday afternoon, Oct. 16, of that year. Financially the result of the first season was discouraging, the fifty or more gentlemen guaranteeing the expenses being compelled to meet a deficit of about \$53,000. Receipts, however, continued to increase from year to year until the orchestra was finally placed on a permanent basis. This was accomplished when Orchestra Hall, erected by subscriptions from more than 8,000 persons, was erected at 220 South Michigan avenue, and the organization was provided with a home of its own. The first concert there was given Wednesday evening, Dec. 14, 1904. Theodore Thomas died Jan. 4, 1905, and the orchestra, which until then had been called the Chicago orchestra, was named the Theodore Thomas orchestra. Frederick Stock was made conductor, a position he still holds. The plan of giving two performances a week—a public rehearsal on Friday afternoon and a concert on Saturday evening—has been followed from the beginning. The season consists of twenty-eight weeks, beginning in October and ending in April.

The first officers of the Orchestral association were: N. K. Fairbank, president; C. Norman Fay, vice-president; P. A. McEwan, treasurer and secretary; Milward Adams, manager.

OFFICERS IN 1912.

President—Bryan Lathrop.

Second Vice-President—C. Norman Fay.

Secretary—Philo A. Otis.

Treasurer and Manager—Frederick J. Wessells.

Assistant Treasurer and Manager—Henry E. Vogel.

Trustees—George E. Adams, Joseph Adams, Max Baird, William L. Brown, Clyde M. Carr, Frederick A. Delano, C. Norman Fay, J. J. Glessner, C. H. Hamill, Chauncey Keep, Bryan Lathrop, Harold F. McCormick, Philo A. Otis, Clarence M. Woolley.

Office—850 Orchestra building.

CHICAGO GRAND OPERA COMPANY.

The Chicago Grand Opera company was established in 1910 by a number of citizens of Chicago and New York, who organized with a capital of \$500,000, of which \$300,000 was subscribed in Chicago and the remainder in the east. The Auditorium was leased, important alterations made and the first performance by the new company was given there in November, 1910. The officers were:

President—Harold F. McCormick.

Vice-Presidents—Charles G. Dawes and Otto H. Kahn.

Treasurer—Charles L. Hutchinson.

Secretary—Phillip M. Lydig.

THE CHICAGO STREET-RAILWAY FRANCHISE.

Ordinances passed by city council Feb. 4, 1907; vetoed by mayor and passed over veto Feb. 11, 1907; approved by people on referendum vote April 2, 1907.

Systems to be reconstructed and rehabilitated within three years.

City to supervise rehabilitation through board of three engineers.

Life of grant not to extend in any event beyond Feb. 1, 1927.

City to receive 55 per cent and companies 45 per cent of the net profits from the operation of the roads.

Twenty-one through routes specified and provision made for others.

Fares for adults to be 5 cents for continuous trips in one general direction within the present or future city limits.

Transfers to be given at all connecting points on and to all lines except in section on south side between 12th street and the river.

Chairman Executive Committee—Clarence H. Mackay.

Vice-Chairman Executive Committee—John C. Shaffer.

Directors—The above named officers and Robert Goelet, Frederick T. Haskell, John J. Mitchell, Ira N. Morris, LaVerne W. Noyes, Max Pam, Julius Rosenwald, John G. Shedd, Charles A. Stevens, Harry Payne Whitney, H. Rogers Winthrop.

General Manager—Andreas Dippel.

General Musical Director—Cleofonte Campanini.

Business Manager—Bernhard Ulrich.

FIRST SEASON (1910-1911).

First performance ("Aida") given Nov. 3, 1910.

First season ended Jan. 18, 1911.

Receipts \$400,407.50.

Operas produced for the first time in Chicago:

Debussy's "Pelleas et Melisande" (Nov. 5, 1910).

Charpentier's "Louise" (Nov. 9, 1910).

Richard Strauss' "Salome" (Nov. 25, 1910).

Massenet's "Thais" (Dec. 6, 1910).

Puccini's "The Girl of the Golden West" (Dec. 27, 1910).

Principal singers:

Mary Garden.

Nellie Melba.

Geraldine Farrar.

Lillian Grenville.

Carolina White.

Marguerita Sylva.

Suzanne Dumesnil.

Jane Osborne-Hannah.

Eleonora de Cisneros.

Johanna Gadsch.

Jeanne Korolewicz.

Enrico Caruso.

Amadeo Bassi.

Charles Dalmores.

Mario Sammarco.

Antonio Scotti.

Mario Guardabassi.

John McCormack.

Hector Dufranne.

SECOND SEASON (1911-1912).

First performance ("Samson et Dalila") Nov. 22.

Second season ended Jan. 27, 1912.

Receipts, \$471,600.98.

Operas produced for first time in Chicago:

Massenet's "Cendrillon" (Nov. 27, 1911).

Wolf-Ferrari's "Il Segreto di Susanna" (Dec. 7, 1911).

Massenet's "Le Jongleur de Notre Dame" (Dec. 7, 1911).

Victor Herbert's "Natoma" (Dec. 15).

Jean Nougues' "Quo Vadis" (Dec. 20).

Wolf-Ferrari's "The Jewels of the Madonna" (Jan. 16, 1912).

*First time in America.

Principal singers:

Mary Garden.

Luisa Tetrazzini.

Mme. Schumann-Heink.

Olive Fremstad.

Maggie Teyte.

Jane Osborne-Hannah.

Jeanne Gerville-Reach.

Minnie Saltzman-Stevens.

Carolina White.

Marta Wittkowska.

Eleonora de Cisneros.

Agnes Berry.

Mabel Ringelman.

Marie Cavan.

Jenny Dufau.

Alice Zeppeli.

Rosina Galli.

Henri Scott.

Hector Dufranne.

Mario Sammarco.

Armand Crabbe.

Charles Dalmores.

Amadeo Bassi.

Edmond Warnery.

George Hamlin.

Mario Guardabassi.

Clarence Whitehill.

John McCormack.

Motive power of cars to be electricity applied by the overhead or underground trolley systems.

Cars to be of the latest and most approved pattern and to be kept clean and warm and well lighted.

Cars to be operated singly after one year.

Companies to pay \$5,000,000 toward the construction of subways in the downtown section at the city's option.

City given the right to purchase the property of both the present great systems at any time upon giving six months' notice.

Agreed value of Union Traction company's property June 30, 1906, \$29,000,000, and of the Chicago City Railway Company's property at same date, \$21,000,000. The purchase price for the city is to be the aggregate of these two sums, with the value of work done and property acquired between the date named and the date of the passage of the ordinance and the cost of rehabilitation and extensions added.

FOREIGN ORDERS CONFERRED ON CHICAGOANS.

- Abrahamson, Rev. L. G.—Royal North Star, Sweden.
- Adams, Milward—Legion of Honor, France; Leopold, Belgium; Crown, Italy; White Elephant (officer), Siam; Savior (officer), Greece; Nihan Iftikhar (commander), Tunis; Merit Agricole (commander), Portugal.
- Anderson, John—St. Olaf, Norway.
- Andreen, Rev. Gustav—Royal North Star, Sweden.
- Antonsen, Carl—Danebrog, Denmark.
- Birkhoff, George, Jr.—Orange-Nassau (officer), Holland.
- Bjorn, Emil—St. Olaf, Norway.
- Brousseau, Z. P.—Legion of Honor, France.
- Burry, William—Legion of Honor, France.
- Chatfield-Taylor, Hobart C.—Isabella the Catholic, Spain; Garter, Spain; St. James, Portugal; Legion of Honor, France; Crown of Italy, Italy.
- Cooley, Edwin G.—Francis Joseph, Austria.
- Cunee, Frank—Crown (chevalier), Italy.
- Cutting, Starr W.—Crown (class III.), Prussia.
- Daae, Dr. A.—St. Olaf, Norway.
- Deering, Charles—Legion of Honor, France; Crown (class III.), Prussia.
- D'Urso, Luigi—Crown (chevalier), Italy.
- Eddy, Arthur J.—Red Eagle (class III.), Prussia.
- Enander, John A.—Gold medal, Litteris et Artibus, Sweden.
- Ericson, John E.—Vasa, Sweden.
- Fischer, Gustave F.—Red Eagle (class IV.), Prussia.
- Furber, Harry J.—Legion of Honor, France.
- Ganzel, Louis—Crown (class IV.), Prussia.
- Gass, Martin—Lion of Zaeringen, Baden.
- Gaus, E. F. L.—Crown (class IV.), Prussia.
- Grevstad, Nicolay—St. Olaf, Norway.
- Hachmeister, Henry—Red Eagle (class IV.), Prussia.
- Halle, Edward G.—Crown (class II.), Prussia.
- Hanson, Christian H.—Danebrog, Denmark.
- Henius, Dr. Max—Danebrog, Denmark.
- Henrotin, Charles—Legion of Honor, France; Leopold (chevalier, officer and civic cross of first class), Belgium; commander of Medjidie, Turkey; Osmanie, Turkey.
- Henrotin, Mrs. Ellen M.—Leopold, Belgium; Palmes Academiques, France; Officer of Public Instruction, France; Chefakat (Order of Mercy), Turkey.
- Hertz, Henry—Danebrog, Denmark.
- Hutchinson, Charles L.—Redeemer, Greece.
- Judson, Prof. Harry Pratt—Red Eagle (class III.), Prussia; Legion of Honor (officer), France.
- Klein, Dr. S. R.—"Goldenes Verdienst Kreuz mit der Krone," "Militar Kreuz" and "Jubilaeums Medaille," Austria; Takova Orden IV. Klasse, Servia.
- Klenze, Prof. Camillo von—Red Eagle (class IV.), Prussia.
- Kozminski, Maurice W.—Legion of Honor, France.
- Kraus, Adolf—Francis Joseph, Austria.
- Lagorio, Dr. Antonio—Crown (knight), Italy.
- Lindgren, John R.—Royal Order of Vasa, Sweden.
- Laverde, Giuseppe—Crown (chevalier), Italy.
- Mair, Charles A.—Chamberlain of the Sword and Mantle, pope.
- Mareschalchi, Arturo—Crown (chevalier), Italy.
- Merou, Henri—Legion of Honor, France.
- Miller, Harry I.—Order of the Sacred Treasure, Japan.
- McCormick, R. S.—Order of St. Alexander of Nevsky, Russia.
- McCormick, Mrs. R. S.—Chefakat (Order of Mercy), Turkey.
- McEwen, Walter—Legion of Honor, France.
- Onahan, William J.—Chamberlain of the Sword and Mantle, pope.
- Ortengren, John R.—Vasa, Sweden.
- Palmer, Mrs. Potter—Legion of Honor, France; Leopold, Belgium.
- Peterson, William A.—Vasa, Sweden.
- Quales, Niles T.—St. Olaf, Norway.
- Reichle, C.—Crown (class IV.), Prussia.
- Revell, Alexander H.—Legion of Honor (chevalier), France.
- Rubens, Harry—Crown (class III.), Prussia.
- Schinkel, C.—Crown (class IV.), Prussia.
- Schlenker, Joseph—Frederick (class II.), Wurttemberg; Crown (class IV.), Prussia.
- Schmidt, William—Crown (class IV.), Prussia.
- Skiff, Frederick J. V.—Sanctified Treasure (class II.), Japan; Legion of Honor (commander), France; Crown, Italy; Leopold, Belgium.
- Smulski, John F.—Cross of Knightly Order of Francis Joseph, Austria.
- Starr, Prof. Frederick—Leopold II. (commander), Belgium.
- Tree, Lambert—Leopold (commander), Belgium.
- Urbano, Salvatore—Crown (chevalier), Italy.
- Uros, Francesco—Crown (chevalier), Italy.
- Vollin, Dr. Camillo—Crown (knight), Italy.
- Wever, Dr. Walther—Crown (class III.), Prussia; Red Eagle (class IV.), Prussia; Ernestine House Order (class I.), Saxe-Weimar.
- Ziegfeld, Carl—Officer of French Academy of Public Instruction and Fine Arts, France.
- Ziegfeld, Dr. F.—Chevalier of the Legion of Honor, France.
- Zimmerman, Dr. Gustav—Red Eagle (class III.), Prussia.

MUSICAL CLUBS AND ASSOCIATIONS.

- Amateur Musical Club—Fine Arts building, 410 South Michigan avenue; president, Mrs. A. O. Mason; secretary, Miss Kate P. Richards.
- Amphion Singing Club—1514 Milwaukee avenue; secretary, J. M. Van Duzer.
- Apollo Musical Club—27 East Randolph street; president, Harrison G. Wells; secretary, Carl D. Kinsey.
- Bjorgvin Singing Society—1639 North Artesian avenue; secretary, Olaf Lassen.
- Chicago Grand Opera—General manager, Andreas Dippel; business manager, Bernhard Ulrich, Auditorium theater.
- Chicago North Shore Festival Association—President, C. L. Jenks; secretary, W. B. Smith.
- Chopin Singing Society—1434 West Division street; president, Ignace Stankewitz; secretary, Roman J. Goszczynski.
- Evanston Musical Club—President, H. B. Wyeth; secretary, J. I. Leigh.
- Frederic Saengerbund—1228 Milwaukee avenue; president, Joseph Hoechleutner; secretary, Frank Roth, 3138 Johnson avenue.
- Germania Maennerchor—106 Germania place; president, Dr. Ernst Saurenhaus; secretary, Arthur Herzc.
- Gesangsverein Almira—2459 Armitage avenue; president, Herman Loos; secretary, Karl Henning, 1830 West Chicago avenue.
- Gruettli Maennerchor—826 North Clark street; president, E. Boller; secretary, S. F. Egger, 4316 North Robey street.
- Handel Vocal Society—601 Kimball Hall; secretary, J. B. McKay; conductor, Clement B. Shaw.
- Harcari Maennerchor—2386 West 12th street; president, Fritz Nebel; secretary, Adolph H. Blumthal, 2333 Ogden avenue.
- Irish Choral Society—President, William P. J. Halley; secretary, William N. Brady; musical director, Daniel Protheroe.
- Junger Maennerchor—822 North Clark street; president, Theodor Pilgram; secretary, John Kremer, 1621 Larrabee street.
- Mendelssohn Club—President, Louis J. Thiele; secretary, H. F. Grabo, 323 South Wabash avenue.
- Norwegian Singing Society—President, H. H. Bentzen; corresponding secretary, F. Jonsrud.
- Orchestral Association (Theodore Thomas)—850 Orchestra building; president, Bryan Lathrop; secretary, Philo A. Otis.
- Svithiod Singing Club—624 Wrightwood avenue; secretary, Otto Johnson, 1615 Foster avenue.
- Teutonia Maennerchor—2040 West North avenue; president, Charles F. Pich; secretary, Charles A. Kuhn.
- Wanda Singing Society—1122 Noble street; president, Miss Mary Liss; secretary, Stefania Filipkowski.

ELEVATED RAILROAD STATIONS.

ON THE "LOOP."

Wabash and Adams, Wabash and Madison, Wabash and Randolph, Lake and State, Lake and Clark, 5th avenue and Randolph, 5th avenue and Madison, 5th avenue and Quincy, Van Buren and LaSalle, Van Buren and Dearborn and Van Buren and State.

CHICAGO & OAK PARK LINE.

Route: West on Lake street to Central avenue and west on South boulevard to Wisconsin avenue, Oak Park.

Stations: Clinton, Halsted, Morgan, Ann, Sheldon, Ashland, Wood, Robey, Oakley, Campbell, California, Sacramento, Kedzie, Homan, Hamlin, 40th avenue, 44th avenue, 48th avenue, 52d avenue, Central, Prairie, Austin avenue, Lombard, 64th avenue, Oak Park avenue, Wisconsin avenue.

METROPOLITAN ROAD.

GARFIELD PARK LINE.

Route: West from Franklin and Van Buren streets to South 52d avenue.

Stations: Franklin, Canal, Halsted, Center, Laflin, Marshfield, Ogden, Hoyne, Western, California, Sacramento, Kedzie, St. Louis, Garfield, 40th avenue, 42d court, 45th avenue, 48th avenue, 52d avenue, Central avenue, Austin avenue, Lombard avenue, Gunderson avenue, Oak Park avenue, Home avenue, Harlem avenue, Hannah street, Des Plaines avenue.

DOUGLAS PARK LINE.

Route: South from Marshfield avenue station to West 21st street and west to South 40th avenue.

Stations: Polk, 12th street, 14th place, 18th street, Wood, Hoyne, Western, California, Douglas Park, Kedzie, Homan, Clifton Park, Lawndale, South 40th avenue, South 43d avenue, South 46th avenue, South 50th avenue, South 52d avenue.

HUMBOLDT PARK LINE.

Route: Northwest from Marshfield avenue station to Robey street, thence west to Lawndale avenue.

Stations: Madison, Lake, Grand, Chicago, Division, Robey, Western, California, Humboldt, Kedzie, Ballou, Lawndale.

LOGAN SQUARE LINE.

Route: Same as Humboldt park line to Robey street and North avenue; thence northwest to Logan square.

Stations beyond Robey: Western, California, Sacramento, Logan square.

Note—Trains on all the Metropolitan elevated lines run around the "loop" and stop at the stations between Franklin and Marshfield except that during the rush hours in the morning and evening some of them run through from Halsted to Marshfield without stopping at the intermediate stations. Trains also run west from terminal station in 5th avenue near Van Buren street.

NORTHWESTERN LINE.

Route: North from 5th avenue and Lake street

to North avenue, west to Sheffield and north to Wilmette.

Stations: Kinzie, Chicago, Oak, Division, Schiller, Sedgwick and North avenue, Larrabee, Halsted, Willow, Center, Webster, Fullerton, Wrightwood, Diversey, Wellington, Belmont, Clark and Roscoe, Addison, Grace, Sheridan and Graceland, Buena Park, Wilson, Argyle, Edgewater (Bryn Mawr), North Edgewater, Hayes avenue, Rogers Park (Farwell), Birchwood, Howard avenue, Calvary, Main street, Dempster street, Davis street, Noyes street, Central avenue and Wilmette. Trains also arrive at and depart from station at North Clark and Kinzie streets.

Express trains stop at Kinzie, Chicago, Fullerton, Belmont, Sheridan road and Wilson avenue.

RAVENSWOOD BRANCH.

Route: West from Clark and Roscoe streets to west side of Chicago & Northwestern tracks, north to Leland avenue and west to Kimball avenue.

Stations: Southport, Paulina, Addison, Irving Park boulevard, Montrose, Wilson, Robey, Western, Rockwell, Francisco, Kedzie.

SOUTH SIDE (ALLEY L) LINE.

Route: South from Van Buren street and Wabash avenue to 40th street, east to alley between Prairie avenue and Grand boulevard, south to 63d street and east to Stony Island avenue.

Stations: Congress, old Congress, 12th street, 18th street, 22d street, 26th street, 29th street, 31st street, 33d street, 35th street, 39th street, Indiana avenue, 43d street, 47th street, 51st street, 55th street, 58th street, 61st street, South Park, Cottage Grove, Lexington, Madison, Stony Island.

ENGLEWOOD BRANCH.

Route: West from Prairie avenue and 58th street to Wentworth avenue, south to 63d street and west to Loomis street.

Stations: State and 59th, Wentworth and 59th, Princeton and 61st, Harvard and 63d, Parnell and 63d, Halsted and 63d, Centre avenue and 63d, Loomis street and 63d.

NORMAL PARK BRANCH.

Route: South from 63d street and Stewart avenue to 67th street, west to Normal avenue and south to 69th street.

Stations: 65th street and Stewart avenue, 67th and Stewart, 69th and Normal avenue.

KENWOOD BRANCH.

Route: East from 40th street and Calumet avenue to Oakenwald avenue and 42d street.

Stations: Grand boulevard and 40th street, Vincennes avenue and 40th, Cottage Grove avenue and 41st, Drexel boulevard and 41st, Ellis avenue and 41st, Lake avenue and 41st street, 42d street and Oakenwald avenue.

STOCKYARDS BRANCH.

Route: West from Indiana avenue and 40th street to the stockyards.

Stations: Indiana avenue, Wallace street, Halsted street, Exchange station, Morris station, Swift station, Packers' station, Armour station.

CHIEFS OF POLICE OF CHICAGO.

Names and dates of appointment:

W. W. Kennedy, April, 1871.
Elmer Washburn, April, 1872.
Jacob Rehm, December, 1873.
Michael C. Hickey, Oct. 7, 1875.
Valerius A. Seavey, July 30, 1878.
Simon O'Donnell, Dec. 15, 1879.
William J. McGargle, Dec. 13, 1880.
Austin J. Doyle, Nov. 13, 1882.
Frederick Ebersold, Oct. 26, 1885.
George W. Hubbard, April 17, 1888.

Frederick H. Marsh, Jan. 1, 1890.
Robert W. McLaughry, May 18, 1891.
Michael Brennan, Sept. 11, 1893.
John J. Badenoch, April 11, 1895.
Joseph Kipley, April 16, 1897, and April, 1899.
Francis O'Neill, April 30, 1901, and June 26, 1903.
John M. Collins, July 26, 1905.
George M. Shippy, April 15, 1907.
LeRoy T. Stewart, Aug. 14, 1909.
John McWeeny, May 1, 1911.

CHICAGO STREET GRADES.

The grade of the streets in the central portion of Chicago has been raised three times. In 1855 it was raised from $\frac{2}{4}$ to 3 feet above the then existing surface, and it was again raised by about

the same amount in 1857 and 1872, making the present level fourteen feet above "city datum," which is the low-water mark of the lake in 1847.

FIRE LIMITS OF CHICAGO.

The fire limits of Chicago, within which wooden buildings shall not be erected, as fixed by the ordinance of July 25, 1912, are as follows:

(a) Beginning at Lake Michigan and Devon avenue west to North Clark street, south to Lawrence avenue, west to North Western avenue, south to Addison street, west to North Whipple street, south to Elston avenue, southeast to Roscoe street, east to north branch of river, southeast along river to Belmont avenue, west to North Kedzie avenue, south to Diversey avenue, west to North Central Park avenue, south to Fullerton avenue, west to North 44th avenue, south to West Chicago avenue, west to North Austin avenue, south to Baltimore & Ohio Chicago Terminal railroad, easterly to South 45th avenue, south to West 22d street, east to South 44th avenue, south to West 33d street, east to South 40th avenue, south to Illinois and Michigan canal, northeasterly to South Western avenue, south to West 39th street, east to South Robey street, south to West 43d street, east to a line 125 feet west of South Ashland avenue, north to West 41st street, east to South Ashland avenue, north to West 40th street, east to within 125 feet of South Ashland avenue, south to West 43d street, west to South Ashland avenue, south to West 47th street, east to within 125 feet of South Halsted street, south to West 51st street, east to a line 125 feet east of Halsted street, north to West 43d street, east to Wallace street, south to West 40th street, east to Butler street, south to West 43d street, east to within 125 feet of Wentworth avenue, south to West Garfield boulevard, east to within 125 feet of Wentworth avenue, north to West 43d street, east to within 125 feet of South State street, south to West Garfield boulevard, west to Union avenue, north to West 51st street, west to South Central avenue, south to within 125 feet of West 63d street, west to South Ashland avenue, south to a line 125 feet south of West 63d street, east to South Central avenue, south to West 75th street, east to South Shore avenue, southeasterly to East 79th street, east to Ontario avenue, south to East 83d street, east to Superior avenue, south to East 89th street, west to Manistee avenue, south to Lake Shore railroad tracks, southeasterly to East 95th street, west to South Chicago branch of the Fort Wayne railroad, along said branch to East 106th street, east to within 300 feet of the Calumet river, northerly to East 95th street, east to Lake Michigan and thence northerly and northwesterly along the lake shore to the place of beginning.

(b) Also beginning at the shore of Lake Calumet and Stony Island avenue, north to East 95th street,

west to South Park avenue, south to East 103d street, east to Corliss avenue, south to East 106th street, west to Cottage Grove avenue, southwesterly to East 109th street, east to South Park avenue, south to East 115th street, east to Michigan Central tracks, southeasterly to East 127th street, east to Lake Calumet, thence northerly along shore of lake to place of beginning at Stony Island avenue.

(c) Excepting the district bounded as follows: Beginning at Belmont avenue and the north branch of the river, east to Southport avenue, south to Fullerton avenue, east to north branch of river, northwesterly along river to Belmont avenue, the place of beginning.

(d) Excepting also so much of the land from which clay has been removed and in which filling has been placed in the district bounded as follows: Beginning at Addison street and North Western avenue, south to Belmont avenue, west to the north branch of the river, northwesterly along river to Addison street and east to North Western avenue, the place of beginning.

(e) Excepting also the following territory, which shall be known as a provisional fire limit: Beginning at Lake Michigan and East 79th street, west to South Shore avenue, northwesterly to East 75th street, west to South State street, north to Lake Shore tracks, southeasterly to East 67th street, east to South Park avenue, north to East 63d street, east to Cottage Grove avenue, south to East 67th street, east to Lake Michigan, southeasterly along the shore to the place of beginning.

(f) The following district outside of the above described fire limits is hereby established as a provisional fire limit: Beginning at Stony Island avenue and East 75th street, south to East 79th street, east to Jeffery avenue, north to east 75th street, east to Stony Island avenue, the place of beginning.

(g) A person desiring to erect a frame or wooden building, to be used for residence or mercantile purposes, within the provisional fire limits above described shall have a right to do so upon presenting a petition to the commissioner of buildings, together with a plat, plans and specifications showing where the building is to be erected. Such petition shall be verified by the affidavit of the applicant and shall contain the written consent of the owners of a majority of the frontage upon both sides of streets surrounding the square in which the building is to be erected.

(h) No frame or wooden building shall be erected within the provisional fire limits exceeding forty feet in height.

DISTANCES IN CHICAGO.

FROM MADISON STREET SOUTH.

Twelfth street, mile.
Twenty-Second street, 2 miles.
Thirty-First street, 3 miles.
Thirty-Ninth street, 4 miles.
Forty-Seventh street, 5 miles.
Fifty-Fifth street, 6 miles.
Sixty-Third street, 7 miles.
Seventy-First street, 8 miles.
Seventy-Ninth street, 9 miles.
Eighty-Seventh street, 10 miles.
Ninety-Fifth street, 11 miles.
One Hundred and Third street, 12 miles.
One Hundred and Eleventh street, 13 miles.
One Hundred and Ninth street, 14 miles.
One Hundred and Twenty-Seventh street, 35 miles.
City limits, 16½ miles.

FROM MADISON STREET NORTH.

Chicago avenue, 1 mile.
North avenue, 2 miles.
Fullerton avenue, 3 miles.
Belmont avenue, 4 miles.
Graceland avenue, 5 miles.

Lawrence avenue, 6 miles.
Bryn Mawr avenue, 7 miles.
Devon avenue, 8 miles.
Touhy avenue, 9 miles.
City limits, 9½ miles.

FROM STATE STREET WEST.

Halsted street, 1 mile.
Ashland boulevard, 2 miles.
Western avenue, 3 miles.
Kedzie avenue, 4 miles.
Fortieth avenue, 5 miles.
Forty-Eighth avenue, 6 miles.
Central avenue, 7 miles.
Ridgeland avenue, 8 miles.
City limits (west on North avenue), 9 miles.

FROM STATE STREET EAST.

To lake on 22d street, 2.3 mile.
To Cottage Grove avenue on 31st street, 2.3 mile.
To Cottage Grove avenue south of 39th street, 1 mile.
To Stony Island avenue on 55th, 2 miles.
To Yates avenue, south of 71st street, 3 miles.

EMPLOYES ON THE CHICAGO CITY PAY ROLLS.

Average number in 1911.

General government.....	9,473	Waterworks.....	2,386	Public Library.....	365
Public works.....	4,494	Board of education.....	7,208	Total	23,926

CHICAGO INTERURBAN TROLLEY LINES.

Following are the principal electric interurban lines with terminals in or near Chicago, with the names of the principal points reached by them:

Chicago & Milwaukee—Terminal in Evanston; makes connection with Northwestern elevated and surface lines to Chicago; runs north to Waukegan, Kenosha, Racine and Milwaukee; branch from Lake Bluff to Libertyville and Rockefeller. Elec-

tric lines run from Milwaukee to Burlington, to East Troy, to Waukesha, Pewaukee, Oconomowoc and Watertown and to Sheboygan and Elkhart lake.

Chicago & Joliet—Terminal at 48th street and Archer avenue; runs southwest to Lockport and Joliet; connects at Joliet with line for Aurora, Chicago Heights, Ottawa and other cities.



Interurban Electric Lines Radiating from Chicago.

Aurora, Elgin & Chicago—Terminal at 256th avenue; runs in a westerly direction to Wheaton, where one branch runs northwest to Elgin and one southwest to Aurora; at Eola Junction on the latter branch a line runs to Batavia. Aurora and Elgin are connected by a line which runs as far south as Yorkville and as far north as Carpenterville. At Elgin connection is made with a line running to Belvidere and Rockford and from the latter place a line runs west to Freeport and another north to Beloit and Janesville. The Aurora,

Elgin & Chicago road is operated on the third-rail system.

Chicago & Southern Traction—Terminal at 79th and Halsted streets; runs in a southeasterly direction to Chicago Heights and Kankakee.

Chicago, Lake Shore & South Bend—Terminal at Pullman; runs in an easterly direction to Michigan City and South Bend; connects at South Bend with interurban lines reaching various points in Michigan and Indiana.

SOCIETIES OF TEACHERS.

Cook County Teachers' Association—Fullerton hall, Art Institute; president, W. W. Lewton; superintendent, E. J. Tobin.

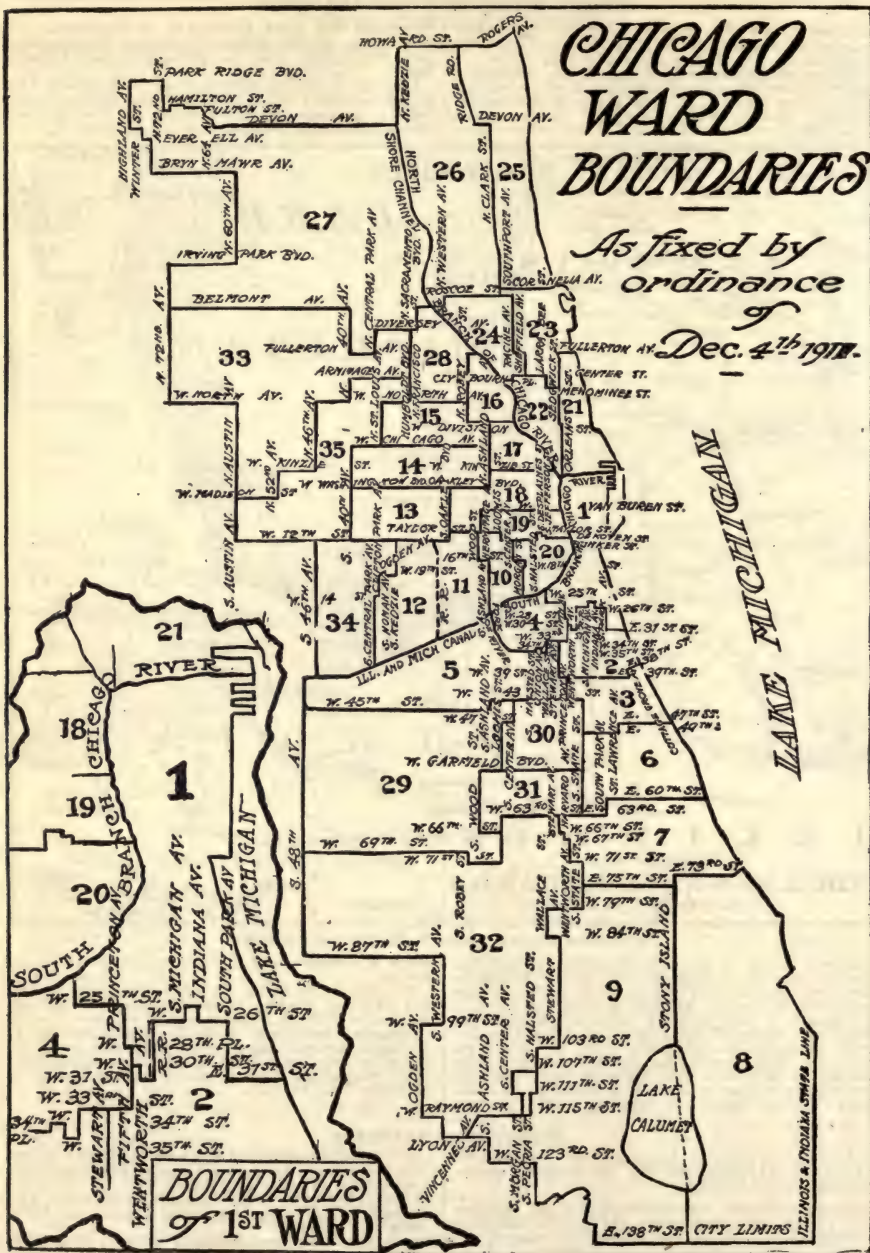
Chicago Principals' Association—President, Morgan G. Hogge; secretary, Miss Matilda S. Hichaus; headquarters, 311, 35 North Dearborn street.

Chicago Teachers' Federation—Room 344, 129 North Dearborn street; president, Mrs. Ida L. Fursman;

corresponding secretary, Frances E. Harden; financial secretary, Catherine Goggin; business representative, Margaret A. Haley.

Chicago Teachers' Relief Society—President, Ella Flagg Young; secretary, Miss Marion H. Dyer, Gladstone school.

Head Assistants' Association—President, Miss Myra C. Billings; secretary, Miss Anna Strauss, 4415 Drexel boulevard.



CHICAGO WARD BOUNDARIES.

As fixed by the redistricting ordinance of Dec. 4, 1911.

Ward.

1. Chicago river west and south of Wallace, south to W. 25th, east to Princeton, south to W. 28th-pl., east to S. 5th-av., south to W. 30th, east to Wentworth-av., south to W. 31st, east to Lake Shore right of way, north to W. 26th, east to S. Michigan-av., north to E. 25th, east to Indiana-av., south to E. 26th, east to South Park-av., south to E. 81st, east to Lake Michigan, north to river.
2. Lake Michigan and 31st-st., west to South Park-av., north to E. 28th, west to Indiana-av., north to E. 25th, west to S. Michigan-av., south to E. 26th, west to Lake Shore right of way, south to W. 31st, west to Wentworth-av., north to W. 30th, west to S. 5th-av., south to W. 33d, west to Stewart-av., south to W. 39th, east to Cottage Grove-av., north to 38th, east to Lake Michigan, north to 31st.
3. Lake Michigan and 47th, west to St. Lawrence-av., south to E. 49th, west to S. State, north to W. 43d, west to Princeton-av., north to W. 39th, east to Cottage Grove-av., north to E. 38th, east to Lake Michigan, southeast to 47th.
4. Wallace and river west and south to W. 34th-pl., east to S. Halsted, north to W. 34th, east to Union-av., south to W. 35th, east to Wallace, south to W. 33d, east to S. 5th-av., north to W. 28th-pl., west to Princeton-av., north to W. 25th, west to Wallace, north to river.
5. From intersection of river and south fork southwest along canal to W. 39th, west to S. 48th-av., south to W. 45th, east to S. Ashland-av., north to W. 43d, east to Princeton-av., north to W. 39th, west to Stewart-av., north to W. 33d, west to Wallace, south to W. 35th, west to Union-av., north to W. 34th, west to S. Halsted, south to W. 34th, west to south fork of river and northwesterly to river.
6. Lake Michigan and E. 47th-st. west to St. Lawrence-av., south to E. 49th, west to S. State, south to E. 63d, east to South Park-av., north to E. 60th, east to Lake Michigan, northwest to 47th.
7. Lake Michigan and E. 60th-st., west to South Park-av., south to E. 63d, west to Stewart-av., south to W. 66th, east to Harvard-av., south to W. 67th, east to Wentworth-av., south to W. 71st, east to S. State, south to E. 75th, east to Stony Island-av., north to E. 73d, east to lake, north-west to E. 60th.
8. Lake Michigan and E. 73d-st. west to Stony Island-av., south through Lake Calumet to city limits, east to Indiana state line, north to lake and northwest to E. 73d.
9. Stony Island-av. and E. 75th, west to S. State, south to W. 79th, west to Wallace, south to W. 84th, east to Stewart-av., south to W. 103d, west to S. Halsted, south to W. 111th, west to S. Peoria, south to W. 115th, west to Vincennes-av., southwest to Lyon-av., east to S. Ashland-av., south to W. 123d, east to S. Halsted, south to city limits, east to Stony Island-av., projected, and north to E. 75th.
10. S. Center-av. and W. 12th, west to Loomis, north to Taylor, west to S. Wood, south to W. 16th, east to S. Ashland-av., south to river, northeast to S. Morgan, north to W. 18th, east to S. Morgan, north to W. 16th, west to S. Center-av., north to W. 12th.
11. S. Wood and Taylor, west to S. Oakley-bd., south to W. 12th, west to P., C., C. & St. L. R. R., south to canal, northeast to S. Ashland-av., north to W. 16th, west to S. Wood, north to Taylor.
12. W. 12th and P., C., C. & St. L. R. R., west to S. Kedzie-av., south to W. 19th, west to S. Roman-av., north to Ogden-av., southwest to Clifton Park-av., south to W. 24th, west to S. Central Park-av., south to canal, northeast to P., C., C. & St. L. R. R., north to W. 12th.
13. W. Washington-bd. and N. Oakley-bd., west to N. 40th-av., south to W. 12th, east to S. Oakley-bd., north to W. Washington-bd.
14. W. Chicago-av. and N. Ashland-av., west to N. 40th-av., south to W. Washington-bd., east to N. Ashland-bd., north to W. Chicago-av.

Ward.

15. W. North-av., and N. Robey, west to N. St. Louis-av., south to W. Chicago-av., east to N. Ashland-av., north to W. Division, west to N. Robey, north to W. North-av.
16. River and Fullerton-av., west to N. Robey, south to W. Division, east to river, northwest to Fullerton-av.
17. River and W. Division, west to N. Ashland-av., south to W. Kinzie, east to river, northwest to W. Division.
18. River and W. Kinzie, west to N. Ashland-av., south to W. Washington-bd., west to N. Oakley-bd., south to Taylor, east to S. Hermitage-av., north to W. Van Buren, east to river, north to W. Kinzie.
19. River and W. Van Buren, west to S. Hermitage-av., south to Taylor, east to Loomis, south to W. 12th, east to S. Halsted, north to Taylor, east to S. Desplaines, south to DeKoven, east to S. Jefferson, south to Bunker, east to river, north to W. Van Buren.
20. River and Bunker, west to S. Jefferson, north to DeKoven, west to S. Desplaines, north to Taylor, west to S. Halsted, south to W. 12th, west to S. Center-av., south to W. 16th, east to S. Morgan, south to W. 18th, west to S. Morgan, south to W. 18th, west to S. Morgan, south to river, northeast to Bunker.
21. Lake Michigan and Fullerton-av., west to N. Clark, southeast to Sedgwick, south to W. Division, east to Orleans, south to river, east to lake and north to Fullerton-av.
22. Menomonee and Sedgwick, west to Larrabee, north to Center, west to Racine-av., south to Clybourn-pl., west to river, south and southeast to Orleans, north to W. Division, west to Sedgwick, north to Menomonee.
23. Cornelia-av. and Lake Michigan, west to Southport-av., south to Roscoe, east to Racine-av., south to Fullerton-av., east to Sheffield-av., south to Center, east to Larrabee, south to Menomonee, east to Sedgwick, north to N. Clark, northwest to Fullerton-av., east to Lake Michigan.
24. Roscoe and Racine-avs., west to N. Western-av., south to Belmont-av., west to river, southeast to Clybourn-pl., east to Racine-av., north to Center, east to Sheffield-av., north to Fullerton-av., west to Racine-av., north to Roscoe.
25. Lake Michigan and Rogers-av., southwest to Howard, west to Ridge-rd., southeast to Devon-av., east to N. Clark, southeast to Southport-av., south to Cornelia-av., east to Lake Michigan, northwest to Rogers-av.
26. Ridge-rd. and Howard, west to N. Kedzie-av., south to Devon-av., west to north shore channel, south along channel and river to Belmont-av., east to N. Western-av., north to Roscoe, east to Southport-av., north to N. Clark, northwest to Devon-av., west to Ridge-rd., northwest to Howard.
27. North shore channel, and Devon-av., west to N. 64th-av., thence along city limits as established by annexation of Norwood Park to Park Ridge-bd., on north and Highland-av. on west, east and south to Bryn Mawr-av., east to N. 60th-av., south to Irving Park-bd., west to N. 72d-av., south to Belmont-av., east to N. 40th-av., south to Fullerton-av., east to N. Central Park-av., north to Diversey-av., east to N. Francisco, south to Belmont-av., east to river, northwest along river and channel to Devon-av.
28. River and Belmont-av., west to N. Francisco, south to Diversey-av., west to N. Sacramento-av., south to W. North-av., east to N. Robey, north to Fullerton-av., east to river, northwest to Belmont-av.
29. S. Center-av. and W. 43d, west to S. Ashland-av., south to W. 45th, west to S. 48th-av., south to W. 69th, east to S. Robey, south to W. 71st, east to Loomis, north to W. 66th, west to S. Wood, north to W. Garfield-bd., east to Loomis, north to W. 47th, east to S. Center-av., north to W. 43d.
30. S. State and W. 43d, west to S. Center-av., south to W. 47th, west to Loomis, south to W. Garfield-bd., east to S. State, north to W. 43d.

Ward.

31. S. State and W. Garfield-bd., west to S. Wood, south to W. 66th, east to Loomis, north to W. 63d, east to S. State, north to W. Garfield-bd.
32. Stewart-av. and W. 63d, west to Loomis, south to W. 71st, west to S. Robey, north to W. 69th, west to S. 48th-av., south to W. 8th, east to S. Western-av., south to W. 93th, west to Ogden-av. (Morgan Park), south to W. 115th, east to S. Western-av., south to Lyon-av., east to Vincennes-av., northeast to Raymond, east to S. Morgan, north to W. 111th, west to S. Center-av., north to W. 107th, east to S. Halsted, north to W. 103d, east to Stewart-av., north to W. 84th, west to Wallace, north to W. 79th, east to S. State, north to W. 71st, west to Wentworth-av., north to W. 67th, west to Harvard-av., north to W. 66th, west to Stewart-av., north to W. 63d.
33. Diversey and N. Sacramento-avs., west to N. Central Park-av., south to Fullerton-av., west to

Ward.

- N. 40th-av., north to Belmont-av., west to N. 72d-av., south to North-av., east to S. Austin-av., south to Madison, east to N. 52d-av., north to W. Kinzie, east to N. 46th-av., north to North-av., east to N. 40th-av., north to Armitage-av., east to Sacramento-av., north to Diversey-av.
34. S. Kedzie-av. and W. 12th, west to S. 46th-av., south to W. 39th, east to canal, northeast to S. Central Park-av., north to W. 24th, east to Clifton Park-av., north to Ogden-av., northeast to S. Homan-av., south to W. 19th, east to S. Kedzie-av., north to W. 12th.
35. N. Sacramento and Armitage-avs., west to N. 40th-av., south to W. North-av., west to N. 46th-av., south to W. Kinzie, west to N. 52d-av., south to Madison, west to S. Austin-av., south to W. 12th, east to S. 40th-av., north to W. Chicago-av., east to St. Louis-av., north to W. North-av., east to Sacramento-av., north to Armitage-av.

SOCIAL SETTLEMENTS IN CHICAGO.

- Abraham Lincoln—Oakwood boulevard and Langley avenue; Rev. Jenkin Lloyd Jones.
- Archer Road Settlement—239 West 24th street; Charles W. Esbey.
- Association House—2150 West North avenue; Mrs. M. T. Larson.
- Chicago Commons—North Morgan street and Grand avenue; Graham Taylor.
- Chicago Hebrew Institute—West Taylor and Lytle streets; superintendent, Dr. J. Pedott.
- Christopher House—1528 Fullerton avenue; Miss Marjorie Howe.
- Eli Bates House—621 West Elm street; Mrs. H. E. Baker.
- Elizabeth E. Marcy Home—1325 Newberry avenue; Miss Bertha Brown.
- Emerson—1802 Emerson avenue; Mrs. Rhoda A. Leach.
- Ether Falkenstein Settlement House—1915 North Humboldt street; Mrs. Herman Falkenstein.
- Fellowship House—831 West 33d place; Mrs. Amelia H. Jerome.
- Forward Movement—1356 West Monroe street; Rev. George W. Gray.
- Frederick Douglass—3032 Wabash avenue; Mrs. Celia P. Woolley.
- Gads Hill—1957 West 20th street; Mrs. L. A. Martin.
- Halsted Street Institutional Church Settlement—1935 South Halsted street; Rev. J. B. Martin.
- Henry Booth House—707 West 14th place; T. W. Allison.
- Hull House—808 South Halsted street; Miss Jane Addams.
- Institutional Church—3825 Dearborn street; Rev. A. J. Carey.
- Maxwell Settlement—1214 South Clinton street; Miss Ernestine Haller.
- Neighborhood House—6710 South May street; Mrs. H. M. Van Der Vaart and Anne E. Nichols.
- Northwestern University—Augusta and Noble streets; Miss Harriet E. Vittum.
- Olivet Institute—701 Vedder street; Rev. Norman E. Barr.

- St. Mary's—44th street and Union avenue; Mrs. Katherine M. Farren.
- South Deering Neighborhood Center—1044 Hoxie avenue; Mrs. Myra Zallette.
- South End—3212 East 91st street; Miss Grace Darling.
- University of Chicago—4630 Gross avenue; Miss Mary E. McDowell.
- Wendell Phillips—2009 Walnut street; Jens H. Cooper.
- World's Welfare Home—2932 Groveland avenue; Mrs. Hilda N. Johnson-Haskins.

CHICAGO PUBLIC SCHOOL SOCIAL CENTERS.

Names and locations of public schools in Chicago used as social centers and the evenings on which they are open:

- Armstrong—Greenleaf avenue and Pingree street, Friday.
- Cornell—Drexel avenue and 75th street, Monday and Thursday.
- Fallon—Wallace and 42d streets, Monday and Thursday.
- Holden—Loomis and 31st streets, Tuesday and Friday.
- Howland—Spaulding avenue and 16th street, Monday and Wednesday.
- Kinzie—Ohio street and LaSalle avenue, Tuesday and Friday.
- Kosciuszko—Holt and Cleaver streets, Monday and Thursday.
- Otis—Armour street and Grand avenue, Monday and Thursday.
- Skinner—Jackson boulevard and Aberdeen street, Monday and Thursday.
- Smyth—13th street and Blue Island avenue, Monday and Thursday.
- J. N. Thorpe—Superior avenue and 89th street, Tuesday and Friday.
- Waters—Wilson and Campbell avenues, Monday and Thursday.

LAW AND ORDER LEAGUES AND PROTECTIVE ASSOCIATIONS.

- Anti-Cruelty Society—President, George L. Douglass; secretary, Hugo Krause, 155 West Indiana street.
- Anti-Saloon League of Illinois—1200, 189 West Madison street; superintendent, James K. Shields.
- Chicago Law and Order League—President, Arthur B. Farwell; secretary, Rev. Herbert B. Gwyn, 501, 19 South LaSalle street.
- Citizens' Association—33, 106 North LaSalle street; secretary, S. M. Singleton.
- Citizens' League of Chicago for the Suppression of the Sale of Liquor to Minors—1405, 155 North Clark street; secretary, W. R. Ceperly; superintendent, Dr. Annie R. Ranes.

- Englewood Law and Order League—226 West 63d street; secretary, J. H. Lyle.
- Garfield Park Protective Association—President, E. Worthing; secretary, R. J. Huffman, 4128 West Congress street.
- Hyde Park Protective Association—Secretary, Arthur B. Farwell, 1005, 19 South LaSalle street.
- Society for Prevention of Crime—1118, 8 South Dearborn street; secretary, George E. Girling.
- Vice Commission of the City of Chicago (appointed by the mayor)—President, Dean W. T. Sumner; secretary, Edwin W. Sims.

STATE'S ATTORNEYS OF COOK COUNTY (1864-1912).

- 1864-1876—Charles H. Reed, Rep.
- 1876-1884—Luther Ladin Mills, Rep.
- 1884-1888—Julius S. Grinnell, Dem.
- 1888-1892—Joel M. Longenecker, Rep.
- 1892-1896—Jacob J. Kern, Dem.

- 1896-1904—Charles S. Deneen, Rep.
- 1904-1908—John J. Healy, Rep.
- 1908-1912—John E. W. Wayman, Rep.
- 1912-1916—MacLay Hoyne, Dem.

PRINCIPAL LIBRARIES OF CHICAGO AND EVANSTON.

THE CHICAGO PUBLIC LIBRARY.

Michigan avenue and Washington street.

Board of Directors—Robert J. Roulston, president; Antonio Lagorio, vice-president; Mortimer Frank, Henry V. Freeman, Horatio L. Wait, Max Henius, Philip M. Ksycki, Samuel Despres, Michael J. Collins.

Standing Committees (1912-1913)—Library: Henius, Frank, Wait. Administration: Wait, Lagorio, Henius. Branches: Lagorio, Ksycki, Despres. Delivery stations: Collins, Freeman, Ksycki. Buildings and grounds: Frank, Lagorio, Despres. Finance: Freeman, Henius, Collins. By-laws: Despres, Freeman, Collins.

Meetings—Regular meetings of the board are held at 5 p. m. on the second Monday of each month. Librarian—Henry E. Legler. Assistant Librarian—Carl B. Roden. Secretary—Henry G. Wilson.

Hours—Circulation department open 9 a. m. to 8:30 p. m.; Sundays, closed; reading room and reference department, 9 a. m. to 10 p. m.; Sundays, 9 a. m. to 6 p. m.

The Chicago public library is a free public institution, established under the Illinois library law of 1872. It derives its revenue from an annual library tax of approximately four-tenths of a mill. A board of directors of nine members is appointed by the mayor, three annually for terms of three years. The library occupies the site formerly known as Dearborn park, bounded by Michigan avenue, Washington street, Garland court and Randolph street. The cost of the building was about \$2,000,000, including the furniture, book stacks and machinery.

The right of drawing books from the public library belongs to all who reside in the city of Chicago, and also to those who make their homes in the suburbs within the limits of Cook county and are regularly employed in the city. In order to become a book borrower it is necessary only to file an application giving the name and residence of the applicant and bearing the signature of a second person, who must be an actual resident of the city, appearing as such in the latest city directory. This person becomes the guarantor to the library for the proper observance of the library regulations on the part of the applicant. These regulations merely provide that books drawn for home use must be returned within the stated period and must not be defaced or injured.

At the close of May 31, 1912, the public library contained 481,708 volumes. The aggregate circulation for the year ending May 31, 1912, was 2,667,226 volumes, which does not include the use of books kept on the open shelves at the main library or its branches or the periodicals or newspapers used in the reading rooms. This use would bring the total book issue to 3,337,046.

BRANCHES.

Branches marked * are open from 9 a. m. to 10 p. m., those marked † are open from 9 a. m. to 9 p. m., all others are open from 1 to 9 p. m. Sundays and holidays open from 2 to 6 p. m.

Armour square.....33d-st. and Shields-av.
Austin.....5642 W. Lake-st.
Bessemer park.....89th-st. and Muskegon-av.
Blackstone.....49th-st. and Lake-av.
Burr school.....Ashland and Wabansia-avs.
Cornell square.....Wood and W. 51st-sts.
Davis square.....45th-st. and Marshfield-av.
Fair park.....45th-st. and Princeton-av.
Hamilton park.....72d-st. and Normal-av.
Hamlin park.....Barry and Hoyne-avs.
Hebrew Institute.....Taylor and Lytle-sts.
Hiram Kelly.....62d-st. and Normal-bd.
Holstein park.....Ems-st. and Oakley-av.
Humboldt.....North and Fairfield-avs.
Lawndale.....Millard-av. and 23d-st.
Lewis Institute.....1943 W. Madison-st.
Lincoln Center.....Oakwood-bd. and Langley-av.
Logan square.....3245 Fullerton-av.
Mark White square.....Halsted and 30th-sts.
Ogden park.....64th-st. and Center-av.
Seward park.....Elm and Orleans-sts.
Sherman park.....Loomis and W. 53d-sts.
Twenty-sixth street.....3347 W. 26th-st.

West Park No. 1.....Chicago-av. and Noble-st.
West Park No. 2.....14th-pl. and Union-st.
West Park No. 3.....20th and Fisk-sts.

TRAVELING LIBRARIES.

Edison Park.....
Fernwood.....104th and Wallace-sts.
Longwood.....1760 W. 95th-st.

DELIVERY STATIONS.

North.		West.	
1. Elm and Orleans-sts.	39. 1449 E. 60th-st.	1. 14th-pl. and Union-st.	40. 3002 Cheltenham-pl.
2. 2004 Larrabee-st.	41. 7036 Stony Island-av.	3. 1943 W. Madison-st.	41. 7036 Stony Island-av.
3. 2544 Lincoln-av.	43. 903 E. 75th-st.	4. 1254 S. Ashland-av.	43. 903 E. 75th-st.
4. 4356 N. Hermitage-av.	45. 45th-st. and Princeton-av.	5. 1615 Milwaukee-av.	
5. 4016 Lincoln-av.		6. 728 S. Western-av.	
6. 439 N. Clark-st.		7. 1635 N. California-av.	
7. 7013 N. Clark-st.		8. 3555 Ogden-av.	
8. 3301 Southport-av.		9. 1152 W. Van Buren-st.	
9. 5449 Evanston-av.		10. 4216 W. Madison-st.	
10. 2942 N. Clark-st.		11. 4200 Irving Park-bd.	
11. 3701 N. Halsted-st.		12. 2822 W. Madison-st.	
12. 5150 Evanston-av.		13. 3249 W. Belmont-av.	
13. 4415 Evanston-av.		14. 2639 N. Rockwell-st.	
14. 6175 Evanston-av.		15. 4500 Montrose-av.	
15. 5042 N. Clark-st.		16. 4055 W. 26th-st.	
16. 1514 Irving Park-bd.		17. 3322 W. 12th-st.	
17. Barry and Hoyne-avs.		18. 2286 Milwaukee-av.	
18. 4501 N. Western-av.		19. 3605 Armitage-av.	
19. 4763 Lincoln-av.		20. 6013 Ceylon-av.	
20. 2024 Lawrence-av.		21. Taylor and Lytle-sts.	
South.		North-av.	
1. 76 E. 22d-st.	22. 3843 W. Chicago-av.	22. 3843 W. Chicago-av.	22. 3843 W. Chicago-av.
2. 304 E. 31st-st.	23. 4056 W. North-av.	23. 4056 W. North-av.	23. 4056 W. North-av.
3. Oakwood-bd. and Langley-av.	24. 353 Grand-av.	24. 353 Grand-av.	24. 353 Grand-av.
4. 534 W. 43d-st.	25. 422 North Park-av.	25. 422 North Park-av.	25. 422 North Park-av.
5. 49th-st. and Lake-av.	26. 2248 W. Ohio-st.	26. 2248 W. Ohio-st.	26. 2248 W. Ohio-st.
6. 62d-st. and Normal-bd.	27. 4209 Armitage-av.	27. 4209 Armitage-av.	27. 4209 Armitage-av.
7. 11604 Wentworth-av.	28. 3054 W. Harrison-st.	28. 3054 W. Harrison-st.	28. 3054 W. Harrison-st.
8. 89th-st. and Muskegon-av.	29. 426 N. Kedzie-av.	29. 426 N. Kedzie-av.	29. 426 N. Kedzie-av.
9. 901 Ewing-av.	30. 1959 W. 20th-st.	30. 1959 W. 20th-st.	30. 1959 W. 20th-st.
10. 72d-st. and Normal-av.	31. 3123-3125 W. 22d-st.	31. 3123-3125 W. 22d-st.	31. 3123-3125 W. 22d-st.
11. 956 E. 55th-st.	32. 3347 W. 26th-st.	32. 3347 W. 26th-st.	32. 3347 W. 26th-st.
12. 336 E. 39th-st.	33. 4822 Milwaukee-av.	33. 4822 Milwaukee-av.	33. 4822 Milwaukee-av.
13. 541 E. 47th-st.	34. 5124 W. Chicago-av.	34. 5124 W. Chicago-av.	34. 5124 W. Chicago-av.
14. 657 W. 120th-st.	35. 20th and Fisk-sts.	35. 20th and Fisk-sts.	35. 20th and Fisk-sts.
15. 11100 Michigan-av.	36. Chicago-av. and Noble-st.	36. Chicago-av. and Noble-st.	36. Chicago-av. and Noble-st.
16. 146 W. 69th-st.			
17. 304 E. 63d-st.			
18. 1322 E. 75th-st.			
19. 45th-st. and Marshfield-av.			
20. 884 Vincennes-rd.			
21. 5523 S. Halsted-st.			
22. 64th-st. and Center-av.			
23. 33d-st. and Shields-av.			
24. 7502 Saginaw-av.			
25. 5005 State-st.			
26. 6603 Cottage Grove-av.			
27. 3569 W. 63d-st.			
28. 5902 Wentworth-av.			
29. 8944 Cottage Grove-av.			
30. 313 E. 53th-st.			
31. 553 E. 71st-st.			
32. 3556 Washington-av.			
33. 56th and 30th-sts.			
34. Wood and W. 51st-sts.			
35. Loomis and W. 53d-sts.			
36. 510 E. 61st-st.			

THE JOHN CRERAR LIBRARY.

110 North Wabash avenue, 6th floor.

President—Hon. Peter S. Grosscup.

Vice-Presidents—Thomas D. Jones and Robert Forsyth.

Secretary—Leonard A. Busby.

Treasurer—William J. Louderback.

Librarian—Clement W. Andrews.

Board of Directors—E. W. Blanchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter S. Grosscup, Marvin Hughtitt, Thomas D. Jones, John J. Mitchell, Leonard A.

Busby, Robert Forsyth, Chauncey Keep, Frederick H. Rawson and the mayor and the controller of the city of Chicago, ex officio. Hours—The library is open daily, except Sunday, from 9 a. m. to 10 p. m.

The John Crerar library contained in October, 1912, 303,000 volumes and 95,000 pamphlets on the social, physical, natural and medical sciences and their applications. They cannot be taken from the library, but may be freely consulted by all who wish to do so. The department of medical science, formerly housed in the Newberry library building, has now been moved to the main library, where the Senn reading room is open to physicians and students.

THE NEWBERRY LIBRARY.

North Clark street and Walton place.

President—E. W. Blatchford.

Librarian—William N. C. Carlton.

Secretary—Jesse L. Moss.

Trustees—George E. Adams, Eliphalet W. Blatchford, Franklin H. Head, David B. Jones, Bryan Lathrop, George Manierre, Horace H. Martin, Edward L. Ryerson, John A. Spoor, John P. Wilson, John P. Wilson, Jr., Moses J. Wentworth. Hours—From 9 a. m. to 12 p. m. every day except Sundays and the following holidays: Jan. 1, May 30, July 4, Thanksgiving and Christmas.

The Newberry library, Oct. 1, 1912, contained 338,582 books and pamphlets. These are not circulated, but are kept for reference purposes. The library is free to the public.

EVANSTON PUBLIC LIBRARY.

Orrington avenue and Church street.

Free to residents of Evanston and open to others on payment of an annual fee of \$2.50, or 25 cents a month. Reference department free to all. Library open from 9 a. m. to 9 p. m. week days. Reading room open from 2 to 6 p. m. Sundays, except during July and August, and holidays, except Jan. 1, July 4, Thanksgiving day and Dec. 25. The Coo music collection, which contains more than 1,300 books, 300 pieces of sheet music and 530 piano rolls, is open to all. The medical science room, containing over 600 medical books and periodicals, is open to resident physicians and nurses and to others by special arrangement. Number of volumes June 1, 1912, 48,567. Librarian, Mary B. Lindsay.

LEWIS INSTITUTE LIBRARY.

West Madison and Robey streets.

The Lewis institute library contains about 20,000 volumes and 4,500 pamphlets. The public is invited to use the library for reference, but books are loaned only to instructors and students of the institute. Throughout the school year the library is open from 8 a. m. to 5 p. m. daily except on Saturday, when it closes at 3 p. m.; during the session of the night school the library is also open from 5 p. m. to 9:30 p. m. Librarian, Miss Frances S. Talcott.

UNIVERSITY OF CHICAGO LIBRARY.

At the university, 59th street and Ellis avenue.

This library contained Oct. 1, 1912, 331,351 bound volumes and 195,000 pamphlets. It is primarily for the use of the faculty and students at the university, but others may have the privilege of drawing books available for circulation upon the payment of a fee. Properly accredited scholars visiting Chicago will receive complimentary cards for a term of four weeks or less upon application. The reading room is open to all. The director of the library is Ernest D. Burton; the associate director is J. O. M. Hanson.

CHICAGO HISTORICAL SOCIETY LIBRARY.

Dearborn avenue and West Ontario street.

President—Clarence A. Burley.

First Vice-President—Charles H. Conover.

Second Vice-President—Dr. Otto L. Schmidt.

Treasurer—Orson Smith.

Librarian—Caroline M. McVane.

Executive Committee—Clarence A. Burley, Seymour Morris, Edward L. Ryerson, William A. Fuller, Charles F. Gunther, Samuel H. Kerfoot, Jr., Ed-

ward F. Swift, Joy Morton, John A. Spoor.

The library, museum and portrait gallery are open to the public from 9 a. m. to 5 p. m. on week days. It is a repository of matter relating to the history and archaeology of the northwest, particularly of Chicago. It contains some 40,000 volumes and 75,000 pamphlets and a large collection of MSS., maps, views, etc., illustrative of the development of Illinois and the central west.

ST. IGNATIUS' COLLEGE LIBRARY.

1076 West 12th street.

The library of the college of arts of Loyola university. It contains about 45,000 volumes for the use of the faculty and students, but may be consulted by others on application to the librarian. Open from 8 a. m. to 4 p. m. Librarian, A. J. Garvy, S. J.

WESTERN SOCIETY OF ENGINEERS.

1735 Monadnock block.

The library of this society contains over 3,700 volumes, almost altogether engineering, scientific and technical works, and is maintained at the cost of the society. It is a free public reference library, open for use during business hours of business days. Secretary and librarian, J. H. Warder.

CHICAGO LAW INSTITUTE LIBRARY.

1025 County building.

President—Samuel W. Jackson.

Secretary—Alfred E. Barr.

Treasurer—Frederic S. Hebard.

Librarian—William H. Holden.

The library contains about 56,000 volumes.

GARRETT BIBLICAL INSTITUTE LIBRARY.

Evanston, Ill.

This is a reference library of theology for the use of the faculty and students of the institute, but open to the public October to June from 8 a. m. to 6 p. m. and from 7 to 10 p. m. Nov. 1, 1912, the library contained 31,584 volumes. Librarian, Doremus A. Hayes.

NORTHWESTERN UNIVERSITY LIBRARY.

Evanston, Ill.

The Northwestern university library contained 140,644 bound volumes and 84,000 pamphlets, July 1, 1912. The library is open during the college year from 8 a. m. to 10 p. m. daily, except Sunday, and during the summer vacation from 8 a. m. to 12 m. and from 1:30 to 5 p. m. Librarian, Walter Lichtenstein.

PULLMAN PUBLIC LIBRARY.

73 to 77 Arcade building, Pullman, Ill.

Contains 10,000 volumes. Library open from 10 a. m. to 5:30 p. m. and in the evenings from 6:45 to 9 o'clock; also Sundays and holidays, 2 to 6 p. m. Librarian, Bertha S. Ludlam; assistants, Caroline H. Mott and Luella L. Hewitt.

FIELD MUSEUM OF NATURAL HISTORY LIBRARY.

Jackson park.

The museum library occupies three rooms in the north end of the building and is open to the public every week day from 9 a. m. to 4:30 p. m. It is a scientific reference library. Visitors can consult books by making application to the office of the library. The magazines in the reading room are accessible to the public. Sept. 30, 1912, the library contained approximately 57,000 books and pamphlets. Librarian, Elsie Lippincott.

HAMMOND LIBRARY.

1610 Warren avenue.

The Hammond library of the Chicago Theological seminary contains 31,600 volumes. It is intended for the use of the faculty and students of the Chicago Theological seminary, but may be used by clergymen and others. The library is open on weekdays from September to May from 8:30 a. m. to 12 m. and from 1 to 10 p. m., except Saturdays, when it is closed at 5 p. m.; May to September from

8:30 a. m. to 12 m. and 1 to 5 p. m.; Saturdays 8:30 a. m. to 12 m.; closed Sundays. Assistant Librarian, Rose Roberts Sears.

RYERSON LIBRARY.

Art Institute, Michigan avenue and Adams street. The Ryerson library of the Art Institute is devoted exclusively to works on fine art. It contains more than 7,400 bound volumes and a collection of 27,000 photographs, including 16,000 Braun autotypes. Open every day except Sundays and holidays from 9 a. m. to 5 p. m. The library is primarily for the students of the institute, but is practically a free reference library on fine art. Librarian, Mary Van Horne.

CHILDREN'S SCIENCE LIBRARY.

The Chicago Academy of Sciences, Lincoln park, contains over 500 volumes for children on natural

history, including plants, animals, astronomy, geography and industries. The reading room is open from 9 a. m. to 4:30 p. m. each weekday. Individual guidance in the proper use of nature study books is given by the librarian.

ELBERT H. GARY LAW LIBRARY.

Northwestern University building, North Dearborn and West Lake streets, Chicago.

The Gary Library of Law, one of the largest of the kind in existence, was the gift of Elbert H. Gary of New York, N. Y., to the Northwestern University Law school. It is open, without charge, to nonresident lawyers presenting satisfactory credentials. Resident lawyers who are graduates of the Northwestern University Law school are charged a registration fee of \$1 per year for the privilege of using the library; all other resident lawyers are charged a registration fee of \$4 a year. The library in 1912 contained about 41,000 volumes. Librarian, F. B. Crossley.

FIELD MUSEUM OF NATURAL HISTORY.

President—Stanley Field.
Vice-Presidents—Martin A. Ryerson, Watson F. Blair.
Director of the Museum and Secretary—Frederick J. V. Skiff.
Treasurer—Byron L. Smith.
Assistant Secretary and Recorder—D. C. Davies.

The Field museum of natural history, established in 1894 at the close of the World's Columbian exposition of 1893, occupies the temporary building erected for fine arts in Jackson park, the exposition site. The founding of a scientific institution of this character in Chicago was made possible by the gift of \$1,000,000 by Marshall Field, who on his death (Jan. 16, 1906) bequeathed for the institution a further \$3,000,000, \$4,000,000 for the erection of a permanent building and \$4,000,000 for endowment. In addition \$800,000 has been donated by other individuals and there is an annual income from other sources than endowment of about \$25,000. The citizens of Chicago have confirmed legislative provision for the levy of a tax for the maintenance of the museum when a new building shall have been erected, which it is estimated will eventually produce approximately \$100,000 per annum.

The nucleus of the exhibition material was gathered by gift and purchase at the World's Columbian exposition. Most of this material, however, has since been rearranged, readapted or discarded. Several departments created at the organization have been abandoned, until, after the lapse of eleven years and the expenditure of over \$2,000,000, the museum is now divided into four departments—namely, anthropology, botany, geology and zoology. Many expeditions for the purpose of obtaining study, exhibition and exchange material and data have been dispatched to all parts of North

America and to different countries. The results of these expeditions, investigations and researches have been published by the museum from time to time, which publications have been distributed to kindred societies and institutions both at home and abroad. Two courses of free lectures are given annually. An important contribution of \$250,000 by Norman W. Harris was announced in December, 1911, for the extension of the work of the museum into the public schools of Chicago. The plans for carrying out Mr. Harris' wishes are to be placed in operation in the spring of 1913. The museum has a working library of about 57,000 titles, an extensive exchange system, fully equipped departmental laboratories, a herbarium of 270,000 sheets, study collections in mammals and birds reaching many thousand specimens, a large two-story taxidermy section, a well equipped printing shop, illustration studios and assaying and lapidary rooms. In North American ethnology, in the world's mineralogy, in economic botany the museum is particularly prominent, while its series of mounted mammals furnish examples of advanced museum methods. The present main building covers nine acres and is open to the public on all days except Christmas and Thanksgiving. An admission fee of 25 cents is charged except on Saturdays and Sundays, when admission is free to all. Students, scholars and teachers are admitted free on all days between 9 a. m. and 4 p. m.

The museum is incorporated under state law and the administrative control rests in a board of trustees with president, secretary, etc. The executive of the museum is the director, under whom there are four head curators with divisional assistant curators, preparators, etc. The entire museum records, the accessions system, the historical files, publications and supplies are in charge of a recorder.

LEARNED SOCIETIES IN CHICAGO.

American Library Association—Public library building; secretary, George B. Utley.
Chicago Academy of Sciences, The—Lincoln park; president, Thomas C. Chamberlin; secretary, Wallace W. Atwood.
Chicago Architectural Club—Art Institute; president, Otto A. Silha; secretary, William G. Wuchrmann.
Chicago Astronomical Society—President, Elias Colbert; secretary, Charles H. Taylor, 4402 Greenwood avenue.
Chicago Bar Association—Library rooms, 134 Monroe street; president, John T. Richards; secretary, Richard S. Folsom.
Chicago Historical Society—Dearborn avenue and Ontario street; president, Clarence A. Burley; librarian, Caroline M. McIlvaine.
Chicago Library Club—President, George B. Utley; secretary, Helen Hutchinson, 535 Dearborn avenue.
Chicago Literary Club—410 South Michigan avenue; president, William M. R. French; secretary and treasurer, Frederick W. Gookin.
Chicago Numismatic Society—1622 Masonic Temple;

president, F. Elmo Simpson; secretary, Ben G. Green, 1535 Masonic Temple.
Chicago Philatelic Society—President, Fred Michael; secretary, Henry Ades Fowler, 127 North Dearborn street.
Council for Library and Museum Extension—President, Newton H. Carpenter, Art Institute; secretary, Walter A. Payne, University of Chicago.
Fornightly Club of Chicago—President, Mrs. Henry Spenser Robbins, 1100 Lake Shore drive; corresponding secretary, Mrs. Ralph Clarkson, 410 South Michigan avenue.
Geographic Society of Chicago—President, Dr. Henry C. Cowles; secretary, Dr. Otis W. Caldwell.
National League for Medical Freedom (Illinois branch)—1237 McCormick building; secretary, Joseph C. Mason.
State Microscopical Society of Illinois—President, Albert McCalla, Ph. D.; secretary, Miss Vida A. Latham, M. D., D. S., 1644 Morse avenue.
Western Society of Engineers—1735 Monadnock block; president, W. C. Armstrong; secretary, J. H. Warder.

CHICAGO CLUBS AND CLUBHOUSES.

Arche—President, Mrs. T. B. Wiggins; corresponding secretary, Mrs. A. M. Fogg.
 Builders'—412-418 Chamber of Commerce building; president, John W. Snyder; secretary, H. S. Martin.
 Calumet—Michigan avenue and 20th street; president, Thomas A. Woodruff; secretary, Walter E. Faithorn.
 Caxton—Tenth floor Fine Arts building; president, James W. Thompson; secretary, Thomas W. Swan.
 Chicago Athletic Association—12 South Michigan avenue; president, C. F. White; secretary, Louis Wolff.
 Chicago Architectural—39 West Adams street; president, Edward F. Gillette; secretary, Roy A. Lipincott.
 Chicago Automobile—321 Plymouth court; president, Ira M. Cobe; secretary, A. O. Tandy.
 Chicago Club—Michigan avenue and Van Buren street; president, John S. Rannels; secretary, W. R. Odell.
 Chicago Cycling—1615, 37 East Van Buren street; president and secretary, C. A. Nathan.
 Chicago Woman's—410 South Michigan avenue; president, Mrs. George Bass; corresponding secretary, Mrs. Otis L. Beardsley.
 Chicago Woman's Aid—Indiana avenue and 21st street; president, Mrs. Moses L. Purvin; corresponding secretary, Mrs. Maurice L. Ash, 5210 South Park avenue.
 Chicago Yacht—Foot of Monroe street, outer harbor; commodore, William Hale Thompson; secretary, A. S. Clark.
 City Club—315 Plymouth court; president, Alfred L. Baker; secretary, Laird Bell; civics secretary, George E. Hooker.
 Cliff Dwellers—216 South Michigan avenue; president, Hamlin Garland; secretary, Ralph Clarkson.
 Colonial Club of Chicago—445 Grand boulevard; president, John F. Brock; secretary, Roy B. Lovelin.
 Columbia Yacht—Lake front, foot of Randolph street; commodore, Thomas J. Quaille; secretary, Edward J. Tierney.
 Commercial—President, Clyde M. Carr; secretary, Walter B. Smith.
 Edgewater Country—6558 Winthrop avenue; president, George B. Kerr, Jr.; secretary, Clifton H. Hewett.
 Englewood—6323 Harvard avenue; president, Harry A. Lewis; secretary, W. B. Page.
 Englewood Woman's Club—6732 Wentworth avenue; president, Mrs. William Hefferan; secretary, Mrs. A. W. Morton.
 Evanston Country—President, M. M. Kirkman; secretary, E. F. Brown.
 Farragut Yacht Club—Lake shore, foot of 33d street; commodore, F. W. Weston; secretary, H. L. Rich.
 Fortnightly—Fine Arts building; president, Mrs. Henry S. Robbins; corresponding secretary, Mrs. Ralph Clarkson.
 Forty Club—President, Wilbur D. Nesbit; secretary, Charles H. Burras.
 Germania Maennerchor—106 Germania place; president, Dr. E. Saurenhaus; secretary, Arthur Hercz.
 Hamilton—20 South Dearborn street; president, William B. Austin; secretary, William Otter.
 Illinois Athletic—112 South Michigan avenue; president, Charles J. Webb; secretary, F. M. Gordon.
 Illinois—113 South Ashland boulevard; president, Fred W. Edwards; secretary, P. J. V. McKian.
 Industrial—President, Frederick Bode; secretary, W. R. Abbott.
 Irish Fellowship—President, Joseph Joyce; secretary, William P. J. Halley.
 Iroquois—21 North LaSalle street; president, A. F. Reichmann; corresponding secretary, William Rathmann.

Kenwood—Lake avenue and 47th street; president, F. W. Mehlhop; secretary, G. E. Bliss.
 Kenwood Country—Drexel boulevard and 48th street; president, Walter F. Slocum; secretary, D. W. Westervelt.
 Kilo—26 South Wabash avenue; president, Mrs. John H. Volk; corresponding secretary, Mrs. Belle Chadwick.
 Mid-Day—First National Bank building, 17th floor; president, James Simpson; secretary, J. L. Cochran.
 Nike—22 Oakwood boulevard; president, Mrs. S. M. B. Hunt; secretary, Mrs. J. Williams.
 Oaks—Lake street and Waller avenue; president, George H. Grounds; secretary, A. G. Seasholtz.
 Press Club—26 North Dearborn street; president, Charles N. Wheeler; recording secretary, William F. Nutt.
 Quadrangle—Lexington avenue and 58th street; president, Henry G. Gale; secretary, James A. Field.
 Rotary—38 South Dearborn street; secretary, Horace W. Davison.
 Saddle and Cycle—Sheridan road and Foster avenue; president, B. M. Winston; secretary, F. G. Fisher.
 South End Woman's—President, Mrs. E. Bishop; recording secretary, Mrs. Frank Chute, 8918 Exchange avenue.
 South Shore Country—Lake shore and 67th street; president, Frederick Bode; secretary, J. W. Carey.
 Southern—26 North Dearborn street; president, John C. Schaffer; secretary, E. A. Ransom.
 Standard—Michigan avenue and 24th street; president, Samuel Deutsch; secretary, Joseph Weisenbach.
 Swedish Club of Chicago—1258 LaSalle avenue; president, C. S. Peterson; secretary, Axel Hulten.
 Three Arts—1614 LaSalle avenue; secretary, Mrs. George A. Seaverns, Jr.
 Twentieth Century—President, Franklin H. Head; secretary, William M. Payne, 2246 Michigan avenue.
 Union League—Jackson boulevard and Federal street; president, Abram W. Harris; secretary, A. F. Allen.
 Union Printers'—23 North 5th avenue; president, William F. Carville; secretary, James D. Coughlin.
 United Irish Societies of Chicago—President, James T. Clarke; corresponding secretary, William H. Durkin.
 University—Michigan avenue and Monroe street; president, George S. Isham; secretary, E. S. Rogers.
 West End Catholic Woman's—President, Mrs. T. J. Sullivan; recording secretary, Mrs. James F. Barden.
 West End Woman's—35 South Ashland boulevard; president, Mrs. J. Hobart Beers; corresponding secretary, Mrs. Charles D. Ewen.
 Woman's Athletic—606 South Michigan avenue; president, Mrs. Reuben H. Donnelley; secretary, Mrs. Frank R. McMullin.
 Woman's City—1212 Masonic Temple; president, Mrs. Mary H. Wilmarth; secretary, Mrs. E. L. Murfey.
 Woman's New Century—President, Mrs. W. J. Austin; corresponding secretary, Mrs. E. Robert Lewis, 7458 Normal avenue.
 Woodlawn Park—64th street and Woodlawn avenue; president, J. F. Felsenfeld; secretary, J. V. Painter.
 Woodlawn Woman's—President, Mrs. Emmett L. Bay; corresponding secretary, Mrs. Amos Case.
 Young Fortnightly—925, 410 South Michigan avenue; president, Mrs. Lillian R. Montgomery; corresponding secretary, Mrs. Mary B. Lord.

EVANSTON HISTORICAL SOCIETY.

Incorporated November, 1898.

President—J. Seymour Curry.
 Vice-President—Frank R. Grover.
 Treasurer—John F. Hahn.
 Secretary—William C. Levere.

The Evanston Historical society has rooms in the Public Library building there. It has a library of 1,000 volumes, 1,000 pamphlets and a large amount of historical data.

LICENSE RATES IN CHICAGO DEC. 1, 1912.

Per year unless otherwise specified.

AMUSEMENTS.		Theaters—	
	Rate.		Rate.
(a) Highest admission fee, except for box seats, \$1.00 or more.....	\$1,000.00	(f) Seating capacity more than 4,000 persons but less than 5,000 persons, per day.....	50.00
(b) Highest admission fee, except for box seats, exceeds 50c but is less than \$1.00.....	400.00	(g) Seating capacity 5,000 persons or more, per day.....	60.00
(c) Highest admission fee, except for box seats, exceeds 30c but does not exceed 50c.....	300.00	Poultry, Horse, Stock, Dog, Etc., Shows—	
(d) Highest admission fee, except for box seats, exceeds 20c but does not exceed 30c.....	250.00	(a) Highest admission fee exceeds 75c, per day.....	25.00
(e) Highest admission fee, except for box seats, does not exceed 20c.....	200.00	(b) Highest admission fee exceeds 50c but does not exceed 75c, per day.....	15.00
Lectures, art exhibits, etc.....	200.00	(c) Highest admission fee exceeds 10c but does not exceed 50c, per day.....	10.00
Concerts.....	100.00	(d) Highest admission fee does not exceed 10c, per day.....	1.00
Penny arcades, etc.....	200.00	Circuses, Menageries, etc.—	
Halls for Dances, Bazaars, etc.—		(a) Seating capacity more than 6,000 persons, per day.....	150.00
(a) Seating capacity not exceeding 300 persons.....	25.00	(b) Seating capacity more than 3,000 persons but not more than 6,000 persons, per day.....	50.00
(b) Seating capacity more than 300 persons but not exceeding 500 persons.....	50.00	(c) Seating capacity more than 1,500 persons but not more than 3,000 persons, per day.....	35.00
(c) Seating capacity more than 500 persons but not exceeding 800 persons.....	75.00	(d) Seating capacity more than 750 persons but not more than 1,500 persons, per day.....	25.00
(d) Seating capacity exceeding 800 persons.....	100.00	(e) Seating capacity more than 400 persons but not more than 750 persons, per day.....	10.00
Summer gardens, per week.....	20.00	(f) Seating capacity not more than 400 persons, per month.....	10.00
Amusement parks, per week.....	40.00	Air domes, slideshows, etc., per day.....	10.00
Picnic grounds.....	10.00	Swimming and diving shows, per week.....	2.00
Roller or ice skating rinks.....	200.00	Platform, walk-around, etc., shows, per week.....	2.00
Baseball, Football, Etc., Fields—		Skill and strength testing devices, per week.....	.50
(a) Seating capacity 15,000 persons or more.....	1,000.00	Merry-go-rounds, Coasters, etc.—	
(b) Seating capacity less than 15,000 persons but not less than 10,000 persons.....	700.00	(a) Highest fee or fare for one ride does not exceed 5c, per week.....	2.00
(c) Seating capacity less than 10,000 persons but more than 4,000 persons.....	300.00	(b) Highest fee or fare for one ride exceeds 5c but does not exceed 10c, per week.....	5.00
(d) Seating capacity not exceeding 4,000 persons.....	75.00	(c) Highest fee or fare for one ride exceeds 10c, per week.....	10.00
Wrestling Matches—		Pony or animal rides, etc., per week.....	.50
(a) Seating capacity 500 persons or less, per day.....	5.00	Fireworks exhibitions, per day.....	50.00
(b) Seating capacity more than 500 persons but not more than 1,000 persons, per day.....	10.00	Entertainments not included in the foregoing, per day.....	5.00
(c) Seating capacity more than 1,000 persons but not more than 2,000 persons, per day.....	20.00		
(d) Seating capacity more than 2,000 persons but not more than 3,000 persons, per day.....	30.00		
(e) Seating capacity more than 3,000 persons but not more than 4,000 persons, per day.....	40.00		

NOTE—Where a license fee is fixed at so much per week, no license to issue for a less period than ten weeks.

MISCELLANEOUS.

	Rate.		Rate.		Rate.
Acetylene gas, collection or compression of.....	\$150.00	Automobiles (state fee)—		Coupees, public.....	1.00
Acetylene gas, sale or distribution of.....	5.00	25 horse power or less.....	4.00	Deadly weapons, dealers in.....	25.00
Auctioneers.....	300.00	35 horse power and more than 25 horse power.....	6.00	Deliicatessen store.....	5.00
Auctioneers, special sales, per day.....	10.00	50 horse power and more than 35 horse power.....	8.00	Detective agencies.....	100.00
Automobiles, public passenger (on stands), seating three persons or less.....	2.50	More than 50 horse power.....	10.00	Distillers.....	500.00
Automobiles, public passenger (on stands), seating four to eight persons.....	5.00	Electric vehicles.....	5.00	Dispensaries, medical.....	20.00
Automobiles, public passenger (on stands), seating nine to twenty persons.....	10.00	Manufacturers of and dealers in.....	15.00	Dogs.....	2.00
Automobiles, public passenger (on stands), seating more than twenty persons.....	25.00	Bakers.....	5.00	Drain layers.....	5.00
Automobiles, public passenger (not on stands).....	5.00	Bathing beaches, etc.....	15.00	Drivers of public passenger horse-drawn vehicles.....	1.00
Automobiles, passenger, 35 horse power or less (wheel tax).....	10.00	Billiard and pool tables, each.....	5.00	Drug stores.....	5.00
Automobiles, passenger, more than 35 horse power (wheel tax).....	20.00	Bill posting, with wagons.....	100.00	Dry cleaners.....	15.00
Automobile delivery wagons, capacity less than one ton (wheel tax).....	15.00	Bill posting, without wagons.....	25.00	Engineers, stationary.....	2.00
Automobile trucks (wheel tax).....	30.00	Boarding stables.....	10.00	Fireworks, sale of.....	10.00
Automobiles, demonstrating or testing (wheel tax).....	1.00	Bags, launches, etc., \$2.00, 10.00 and.....	25.00	Fireworks, permit to discharge.....	10.00
		Bowling alleys, each.....	5.00	Fitness, certificates of (for handling high explosives).....	5.00
		Brewers.....	500.00	Fishmongers.....	15.00
		Brokers.....	25.00	Garages.....	25.00
		Cabs, public.....	1.00	Gunpowder and explosives, sale or use of.....	25.00
		Carbonated waters, etc.....	20.00	Hacks, public.....	2.50
		Cars, elevated railway, each.....	50.00	Hospitals.....	100.00
		Cartridges and shells, \$10.00 and.....	25.00	Hotels.....	15.00
		Catch basins and sewers, per wagon.....	10.00	Housemovers.....	5.00
		Chauffeurs (state fee)—Original.....	5.00	Ice dealers, retail, per wagon.....	10.00
		Chauffeurs (state fee)—Renewal.....	3.00	Junk dealers.....	50.00
		Cigarette dealers.....	100.00	Junk wagons, each.....	10.00
				Liquors, malt, wholesale (one to six gallons).....	50.00
				Liquors, malt, wholesale (more than six gallons at a time).....	500.00

	Rate.		Rate.		Rate.
Liquors, spirituous, whole-sale	100.00	Omnibuses, public	5.00	Restaurants	15.00
Liquors, vinous, wholesale	50.00	Operators of public motor vehicles (original)	3.00	Roofers, composition	10.00
Liquors, malt and vinous, in amusement places (by special permit), per day	6.00	Operators of public motor vehicles (renewal)	2.00	Runners	25.00
Livery stables	10.00	Pawnbrokers	30.00	Sale stable	25.00
Lumber dealers	100.00	Peddlers—Basket	5.00	Saloons	1,000.00
Marriage (county)	1.50	Coal, charcoal and coke	10.00	Scavengers, night	50.00
Meat market	15.00	Fish (Thursdays and Fridays only)	15.00	Scavengers, ofal	100.00
Milk dealers	10.00	Hand cart	25.00	Scavengers, private, per wagon	5.00
Milk peddlers, per wagon	10.00	Oil, per wagon	10.00	Second-hand dealers	50.00
Motor bicycles and motor tricycles (wheel tax)	3.00	Pack	15.00	Shooting galleries	25.00
Motor bicycles (state fee)	2.00	Wagon, each	50.00	Slaughtering, rendering, etc	300.00
Moving picture films, storage of	25.00	Wood, per wagon	10.00	Soap factories	150.00
Moving picture operators (original)	3.00	Plumbers, master or employed (renewal \$10.00)	50.00	Tanneries	50.00
Moving picture operators (renewal)	2.00	Plumbers, journeymen	1.00	Tenders, boiler or water	1.00
Moving picture operators (assistant)	1.00	Poulterers	15.00	Tickers	1.00
Natatoriums and swimming pools	15.00	Public cart, horse-drawn ("express"), each	1.00	Undertakers	10.00
Nurseries, public	10.00	Public cart, automobiles ("express")	15.00	Undertakers' assist. (permit)	5.00
		Public passenger horse-drawn vehicles (not on stands)	5.00	Vehicles (wheel tax)	
		Rendering tanks, each	20.00	One-horse	5.00
				Two-horse	10.00
				Three-horse	15.00
				Four-horse	25.00
				Six (or more) horse	35.00
				Weighers, public	10.00
				Workshops	2.00

CHICAGO STREET RAILWAY CHRONOLOGY.

Omnibuses—First regular omnibus line started by Frank Parmelee May 9, 1853.

Horse Cars—South side: First line on State street, between Randolph and 12th streets, open April 25, 1859. West side: Madison street line, Halsted to State, opened May 20, 1859; Randolph street line opened July 15, 1859. North side: Wells street line, river to Chicago avenue, opened late in spring of 1859; Clark street line opened in August, 1859.

Cable Cars—South side: First cable line in Chicago operated on State to 39th street; began business Jan. 28, 1882; Cottage Grove avenue line built same year. North side: Clark street line opened March 27, 1888; Wells street line opened same year; Lincoln avenue line opened Jan. 22, 1889; Clybourn avenue line opened May 2, 1891. West side: Madison street line opened July 16, 1890; Milwaukee avenue line opened at same time; Blue Island avenue line opened July 28, 1893.

Electric Cars—South side: First electric line in city began operating Oct. 2, 1890, from 95th street and Stony Island avenue to South Chicago; trolley substituted for horse cars on most of the lines (except cable) in 1893 and 1894 in all divisions of the

city and in the suburbs; trolley substituted for cable cars on State street July 22, 1906, and on Cottage Grove avenue Oct. 21, 1906. West side: Trolley cars substituted for cable on Blue Island avenue July 22, 1906, and on Madison street and Milwaukee avenue Aug. 19, 1906. North side: All cables changed to trolley lines Oct. 21, 1906.

Elevated Railways—South side: South Side elevated railroad began regular operation on line between Congress street and 35th street, June 6, 1892, with steam as motive power; extended to Stony Island avenue in May, 1893; extended to Englewood in 1906 and to Kenwood in 1907; trains began running around loop Oct. 19, 1897; motive power changed to electricity July 27, 1898. West side: Lake street line (Chicago & Oak Park) began running Nov. 6, 1893, with steam as motive power; electricity substituted June 14, 1896; Metropolitan road opened May 20, 1895, with electricity as motive power; began running over loop Oct. 10, 1897; extension of Garfield park and Douglas park lines completed in 1902. North side: Northwestern line opened for business May 31, 1900, with electricity as motive power; Ravenswood branch opened May 10, 1907.

CHICAGO CITY ATTORNEYS SINCE 1837.

N. B. Judd	1837-1839	John C. Miller	1857	George F. Sugg	1889-1891
Samuel L. Smith	1839	Elliott Anthony	1858	Jacob J. Kern	1891-1893
Mark Skinner	1840	George F. Crocker	1859	George A. Trude	1893-1895
George Manierre	1841, 1843	John Lyle King	1860	Roy O. West	1895-1897
Henry Brown	1842	Ira W. Buell	1861	Miles J. Devine	1897-1899
Henry W. Clarke	1844-1845	George A. Meech	1862	Andrew J. Ryan	1899-1902
Charles H. Larrabee	1846	Francis Adams	1863-1864	John E. Owens	1902-1903
Patrick Ballingall	1847, 1854	Daniel D. Driscoll	1865-1866	John F. Smulski	1903-1905
Giles Spring	1848	Hasbrouck Davis	1867-1869	Frank D. Ayers	1905-1907
O. E. W. Lull	1849	Israel N. Stiles	1869-1873	John H. Caverly	1908-1910
Henry H. Clark	1850-1851	Egbert Jamieson	1873-1875	Nicholas L. Plotrowsky	1911-
Arno Voss	1852-1853	B. S. Tutill	1876-1878		
J. A. Thompson	1855	Julius S. Grinnell	1879-1885		
J. L. Marsh	1856	Hempstead Washburne	1885-1889		

The city attorneyship became an appointive office in 1905.

THE CHICAGO ACADEMY OF SCIENCES.

In Lincoln park, opposite Center street.

President—Dr. Thomas C. Chamberlin.

Secretary—Dr. Wallace W. Atwood.

Treasurer—Frank C. Baker.

Trustees—La Verne W. Noyes, president; Charles E. Gunther, Charles A. Heath, Louis E. Laffin, Henry J. Furber, Charles Dickinson, Ira J. Geer, Charles S. Raddin, Henry Patten, F. L. Wilk, Frances Dickinson, Carroll H. Sudler, Eugene Garnett, T. C. Chamberlin (ex officio), Francis T. Simmons (ex officio).

The museum is open from 9 a. m. to 5 p. m. on

weekdays and from 1 to 5 p. m. on Sundays. There is no charge for admission. The academy is in co-operation with the public and private schools of the city in the promotion of nature study and scientific courses of instruction. Lecture courses, classroom instruction and laboratory work are given at the academy for the benefit of teachers, children and members. Field excursions are conducted during the fall and spring months and museum material is loaned to the schools.

SANITARY DISTRICT OF CHICAGO.

Offices in American Trust and Savings Bank bldg.
President—Thomas A. Smyth, D.

Clerk—I. J. Bryan

Treasurer—George M. Reynolds.

Chief Engineer—George M. Wisner.

Electrical Engineer—Edward B. Ellicott.

Attorney—John C. Williams.

Board of Trustees—Terms expire in 1914: Wallace G. Clark, R.; George W. Paulin, R.; Paul A. Hazard, R. Terms expire in 1916: Thomas A. Smyth, D.; Thomas M. Sullivan, D.; Edward Kane, D. Terms expire in 1918: James M. Daley, D.; Fred D. Brett, D.; Charles E. Reading, D.

CHRONOLOGY.

First investigation made in 1885.

Sanitary bill signed May 29, 1889.

Sanitary district organized Jan. 18, 1890.

Earth broken ("shovel day") Sept. 8, 1892.

Lake water turned into canal Jan. 2, 1900.

Formal opening of canal Jan. 17, 1900.

DIMENSIONS OF CANAL.

Length of main and water power channel, 39.16 miles

Length of river, lake to Robey street, 6 miles.

Length river diversion channel, 13 miles.

Width main channel, Robey street to Summit:

Bottom, 110 feet; top, 198.

Width main channel, Summit to Willow Springs:

Bottom, 202 feet; top, 290.

Width main channel, Willow Springs to Lockport

(rock section): Bottom, 160 feet; top, 162.

Width river diversion channel: Bottom, 200 feet.

Minimum depth of water in main channel, 22 feet.

Current in earth sections, 1 1/4 miles per hour.

Current in rock sections, 1 1/2 miles per hour.

Present capacity of canal, 300,000 cubic feet per

minute.

Total amount of excavation, 42,229,635 cubic yards.

The north shore channel, extending from Lawrence avenue to Lake Michigan, in the village of Wilmette, is about 8 miles long with a water depth of 13.6 feet.

The construction of the Sag canal to drain the Calumet region was begun in the summer of 1911. When completed it will be 22 miles long.

NET RECEIPTS AND DISBURSEMENTS.

From organization to Dec. 31, 1911.

RECEIPTS.

Taxes collected.....	\$48,654,404.42
Bond account.....	20,149,000.00
Interest on bank balances.....	442,613.75
Electrical department, interest account.....	103,134.57
Dock and land rental account.....	264,577.46
Chicago & Great Lakes Dredge Co.....	673.92
Tax levy, 1896 (warrants outstanding).....	1,932.04
Sebastian Krug.....	2,500.00
Total.....	69,618,836.16

EXPENDITURES.

Right of way.....	\$9,933,423.17
Bridge construction, river diversion.....	142,486.20
River diversion construction.....	1,066,214.04
Main channel construction.....	19,332,332.56
Bridge construction, main channel.....	2,557,129.15
Controlling works, Lockport.....	331,253.65
Bridge construction, controlling works.....	7,873.35
Joliet project.....	1,308,251.12
Bridge construction, Joliet project.....	276,386.76
I. & M. canal improvement, Bridgeport.....	77,016.08
Chicago river dredging, docking, etc.....	2,508,473.26
Bridge construction, Chicago river.....	3,019,536.71
Wilmette pumping station.....	300,928.56
Thirty-ninth street pumping station.....	557,565.61
West 39th-st. and Western-av. sewers.....	157,316.04
North shore channel construction.....	1,047,670.92
P. F. Healy contract, north shore chan'l.....	87,416.13
Bridge construction, north shore channel.....	569,511.33
Calumet-Sag channel construction.....	469,966.90
Bridge construct'n, Calumet-Sag channel.....	9,528.52
Lowering LaGrange & Kampsville dams.....	20,803.76
Raising roadway of Brandon's bridge.....	5,890.63
Water power dev't. at Hickory creek.....	6,570.70
Warehouses 1 and 2, Western avenue.....	22,592.99
Sewage disposal experiments.....	22,392.40
Capitalization & maintenance of bridges.....	432,365.37
Bridgeport pumping works.....	90,338.80
Maintenance of highway bridges.....	49,339.87
Maintenance and operation account.....	413,515.46
Electrical department.....	4,426,855.36
Interest on bonds.....	11,456,169.52
Interest on tax warrants.....	468,453.69
Discount and interest on loans.....	25,004.67
Taxes on land, Cook county.....	93,170.45
Taxes on land, Will county.....	73,159.83
Land damages.....	182,443.70
Taxes on land, DuPage county.....	2,057.46
Marine damages.....	15,473.16
Engineering department.....	3,117,777.14
Clerical department.....	260,336.49
Law department.....	1,436,692.46
Treasury department.....	57,245.85
Police department.....	502,344.19
General account.....	1,343,181.36
State inspection main channel.....	33,075.97
Personal injuries account.....	5,914.20
Machinery and tools account.....	85,362.55
Joseph J. Duffy.....	94,069.78
Weir, McKechney & Co.....	22,118.14
John M. Ewen company.....	3,643.00

Total expenditures.....	68,524,591.16
Emergency funds in hands dept. officials.....	56,800.00
Bonds and securities furnished.....	21,486.50
Due from Western Stone Co.....	4,665.36
Due from V. R. & E. H. Browning.....	2,000.00
Balance in hands of treasurer.....	1,009,292.64
Total.....	69,618,836.16

CITY TREASURERS SINCE 1837.

Hiram Pearsons.....1837-1838	Charles H. Hunt.....1860	C. Herman Plantz.....1887-1889
George W. Dole.....1839	W. H. Rice.....1861-1862	Benard Roesing.....1889-1891
Walter S. Gurnee.....1840-1844	David A. Gage.....1863-1864	Peter Klobassa.....1891-1893
W. H. Bolles.....1844-1841	A. G. Throop.....1865-1866	M. J. Bransfield.....1893-1895
Wm. L. Church.....1845-1846	Willard F. Wentworth.....1867-1869	Adam Wolf.....1895-1897
Andrew Getzler.....1847	Daniel O'Hara.....1873-1875	Ernst Hummel.....1897-1899
Edward Manierre.....1850-1853	Clinton Briggs.....1876	Adam Ortsleif.....1899-1901
Uriah P. Harris.....1854	Charles R. Larrabee.....1877-1878	Charles F. Gunther.....1901-1903
William F. DeWolf.....1855	William C. Seipp.....1879-1881	Frederick W. Blockl.....1905-1907
O. J. Rose.....1856	Rudolph Brand.....1881-1883	John E. Traeger.....1907-1909
C. N. Holden.....1857	John M. Dunphy.....1883-1885	Isaac N. Powell.....1909-1911
Alonzo Harvey.....1858-1860	William M. Devine.....1885-1887	Henry Stuckart.....1911-1913

CITY CLERKS SINCE 1837.

I. N. Arnold.....1837	H. Kreisman.....1857-1859	D. W. Nickerson.....1887-1889
George Davis.....1837-1838	Abraham Kohn.....1860	Franz Amberg.....1889-1891
William H. Brackett.....1839	A. J. Marble.....1861-1862	James R. B. Van Cleave.....1891-1893
Thomas Hoyne.....1840-1841	Albert H. Bodman.....1865-1869	Charles D. Gastfield.....1893-1895
James M. Lowe.....1842	Charles T. Hotchkiss.....1869-1873	William Loeffler.....1897-1903
E. A. Rucker.....1844-1845	Joseph K. C. Forrest.....1873-1875	Fred C. Bender.....1903-1905
William S. Brown.....1845	Casper Butz.....1876-1878	A. C. Anson.....1905-1907
Henry B. Clarke.....1846-1847	P. J. Howard.....1879-1883	John R. McCabe.....1907-1909
Sidney Abell.....1848-1850	J. G. Neumeister.....1883-1885	F. D. Connery.....1909-
H. W. Zimmerman.....1851-56, 1863-64	C. Herman Plantz.....1885-1887	

CEMETERIES IN CHICAGO AND VICINITY.

Arlington—West thirteen miles, near Elmhurst.
 Bethany—Archer avenue and 79th street.
 Bohemian National—North 40th and Foster avenues.
 B'nai Abraham—South of Forest Home.
 B'nai Shalom—North Clark street, near Graceland avenue.
 B'rith Abraham—Desplaines avenue and 14th street, Forest Park.
 Brookside—West sixteen miles, near South Elmhurst.
 Calvary—North ten miles, near South Evanston.
 Chebra Gemilath Chasadim Ubikur Cholim—North Clark street, near Graceland avenue.
 Chebra Kaddisha Ubikur Cholim—North Clark street, near Graceland avenue.
 Chevra Shomer Hadas—Nine miles west on Desplaines avenue, north of West 12th street.
 Concordia—Nine miles west on Madison street.
 Crown Hill—Fourteen miles west on Aurora, Elgin & Joliet railway.
 Eden—Irrving Park boulevard, near Franklin Park.
 Elm Lawn—West thirteen miles on Lake street, near Elmhurst.
 Elmwood—Grand and Beach avenues.
 Evergreen—South Kedzie avenue and 87th street.
 Forest Home—West ten miles on 12th street.
 Free Sons of Israel—Waldheim.
 German Lutheran—North Clark street and Graceland avenue.
 Graceland—North five miles on Clark street.
 Hebrew Benevolent Society—North Clark street, near Graceland avenue.
 Highland—West Chicago.
 Montrose—Bryn Mawr and North 40th avenues.
 Moses Montefiore—South of Forest Home.
 Mount Auburn—Southwest nine and one-half miles, at 39th street and Oak Park avenue.
 Mount Carmel—Hillside Station.
 Mount Forest—Thornton, Ill.
 Mount Glenwood—Thornton, Ill.

Mount Greenwood—Near Morgan Park; south.
 Mount Hope—Near Morgan Park.
 Mount Maariv—Dunning; northwest.
 Mount Olive—North 64th avenue, near West Irving Park boulevard.
 Mount Olivet—South sixteen miles, near Morgan Park.
 New Light—East Prairie road, near Lincoln avenue, Morton Grove; northwest.
 North Chicago Hebrew Congregation—At Rosehill; north.
 Norwood Park—Sanford avenue and Higgins road.
 Oak Hill—West 119th street and Kedzie avenue.
 Oakland—Proviso; west twelve miles.
 Oak Lawn—South Halsted and 180th streets.
 Oakridge—Oakridge avenue and West 12th street; west twelve miles.
 Oakwoods—Greenwood avenue and 67th street; south.
 Oesterreich-Ungarischer Kranken Unterstuetzungs-Verein—At Waldheim.
 Ohavo Amuno—South of Forest Home.
 Ohavo Shalom—At Oakwoods.
 Polish—Milwaukee avenue, near Norwood Park.
 Ridgeland—North 40th and Peterson avenues.
 Rosehill—North seven miles.
 St. Adalbert—Norwood Park.
 St. Boniface—North Clark street and Lawrence avenue.
 St. Henry—Ridge and Devon avenues.
 St. Joseph's—River Grove.
 St. Lukas—5232 North 40th avenue.
 St. Maria—Grand Trunk railway and 87th street; south.
 Sinal Congregation—At Rosehill.
 Society of Benevolence and Relief of the Sick—North Clark street and Graceland avenue.
 Union Ridge—Higgins avenue, near Norwood Park.
 Waldheim—West ten miles on Harrison street.
 Zion Congregation—At Rosehill.

HOUSE NUMBER SYSTEM IN CHICAGO.

[From report of John D. Riley, superintendent of maps.]

Sept. 20, 1910, the city council passed an amendment to the house number ordinance (of Sept. 1, 1909), the effect of which was to include the downtown district in the new system of numbers, making the same complete for the entire city, the change becoming effective, so far as the downtown district was concerned, April 1, 1911.

The system is laid out on two base lines. State street dividing the east and west streets and Madison street dividing the north and south streets, the numbers being assigned on the basis of 800 numbers to each mile or 100 numbers to the prevailing city block of 660 feet or one eighth of a mile. An exception to this assignment, however, is made on the north and south streets between Madison street and 31st street, in which territory 1,200 numbers are assigned between Madison and 12th streets, 1,000 between 12th and 22d streets and 900 between 22d and 31st streets. This was necessitated by reason of the fact that it was not deemed expedient or advisable to interfere with the system of numbered streets on the south side.

The system further provides for the use of the prefixes "North," "South," "East" and "West" on all streets which either cross or are open on either side of the base lines and on all streets of numerical nomenclature, whether open on either side of the base line or not. Names of streets open only on one side of either of the base lines do not carry the prefix, the result of this being that all of the east and west streets north of North avenue, at about which point the line of State street runs into Lake Michigan, do not require the use of the prefix "West." This, of course, also applies to such streets as Plymouth court, Polk street and

all other named streets open on only one side of either of the base lines.

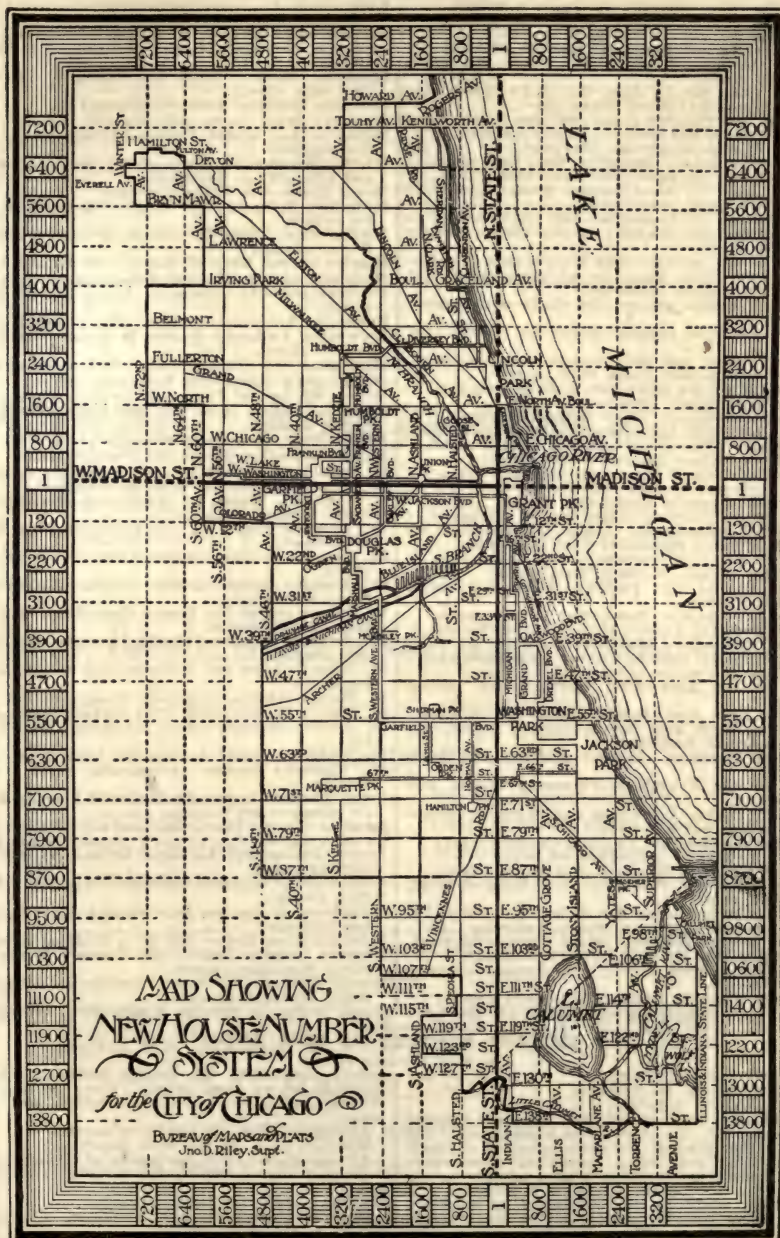
In the assignment of numbers in the downtown district it was not possible to have 100 numbers to each block by reason of the fact that the blocks, instead of being laid out on the basis of one-eighth of a mile or 660 feet long, are approximately only 400 feet. The assignment, however, was made in as systematic a manner as possible. On the east and west streets downtown, commencing at State street and running west, we get numbers 1 and 2 at State, 50 Dearborn, 100 Clark, 150 LaSalle, 200 5th avenue, 300 Franklin, 350 Market, the terminating numbers at the river picking up those heretofore assigned on the same streets west of the river. On the east and west streets running east of State street we get numbers 1 and 2 at State, 50 at Wabash, the terminating numbers at the west side of Michigan avenue being something less than 100. On the north and south streets, going north from Madison street, we get 1 and 2 at Madison, 100 Washington, 150 Randolph, 200 Lake and 300 South Water street, the terminating numbers at the river picking up with those heretofore assigned to the same streets north of the river. Going south from Madison street on the north and south streets we commence with 1 and 2 at Madison street, 100 Monroe, 200 Adams, 300 Jackson, 400 Van Buren, 500 Congress, 800 Polk, 1000 Taylor and 1200 12th street, all of those numbers being in conformity with those for the same streets as heretofore assigned west of the river. In the business district downtown an individual number is assigned to each entrance on the street level.

SOCIETIES OF PIONEERS.

Chicago Pioneers' Sons and Daughters—President, Frank W. Smith; corresponding secretary, John S. Zimmerman.
 Old Time Printers' Association—President, John Canty; secretary, William Mill, 1346 North Hoyne avenue.

Pioneers of Chicago—President, Edwin O. Gale; treasurer, Jacob Rehm.

Western Association of California Pioneers—Secretary, George W. Hotchkiss, 1509, 431 South Dearborn street.



ASYLUMS AND HOMES IN CHICAGO.

- Altenheim—(See German Old People's Home).
 Augustana Central Home—1346 LaSalle avenue.
 Augustana Nursery—1348 LaSalle avenue.
 Augustana Nurses' Home—351 Garfield avenue.
 Baptist Deaconesses and Girls' Home—1346 West Superior street.
 Bethany Home for the Aged—5015 N. Paulina street.
 Beulah Home—2144 North Clark street.
 Bohemian Old People's Home—5061 North 40th-av.
 Chicago Baptist Old People's Home—Maywood.
 Chicago Baptist Orphanage—Maywood.
 Chicago Deaconesses' Home—22 West Erie street.
 Chicago Home for Boys—1500 West Adams street.
 Chicago Home for Convalescent Women and Children—1516 West Adams street.
 Chicago Home for Incurables—5535 Ellis avenue.
 Chicago Home for Jewish Orphans—Drexel avenue and 62d street.
 Chicago Home for Boys—1500 West Adams street.
 Chicago Industrial Home for Children—Office 1132 West Washington boulevard.
 Chicago Industrial School for Girls—4900 Prairie avenue.
 Chicago Municipal Lodging House—162 North Union street.
 Chicago Nursery and Half Orphan—1932 Burling-st.
 Chicago Orphan—5120 South Park avenue.
 Chicago Refuge for Girls—5024 Indiana avenue.
 Chicago State Home—Dunning.
 Children's Home—826 Ridge avenue, Evanston.
 Church Home for Aged Persons—4325 Ellis avenue.
 Cook County Kinderheim—1356 North Rockwell-st.
 Cook County Home (for Poor)—Oak Forest.
 Danish High School Home—3925 Michigan avenue.
 Danish Lutheran Orphan—3320 Evergreen avenue.
 Danish Old People's Home—6909 Walnut avenue.
 Danish Young People's Home—6317 S. Morgan-st.
 Evangelical Deaconesses' Home—408 Wisconsin-st.
 Faith Missionary Home—300 West 74th street.
 Florence Crittenton Anchorage—2615 Indiana-av.
 Foundlings' Home—15 South Wood street.
 German Baptist Old People's Home—1843 North Spaulding avenue.
 German Deaconesses' Home—2048 Dayton street.
 German Hospital Nurses' Home—2326 Belden court.
 German Old People's Home—Forest Park, Ill.
 Guardian Angel, German Orphan—2001 Devon-av.
 Helen Day Nursery—1414 South Union street.
 Home for the Aged—West Harrison and Throop streets.
 Home for Aged Jews—Drexel avenue and 62d street.
 Home for Aged and Infirm Colored People—510 West Garfield boulevard.
 Home for Destitute Crippled Children—1653 Park avenue.
 Home for the Friendless—Vincennes avenue and 61st street.
 Home for Jewish Friendless and Working Girls—Ellis avenue and 53d street.
 Home for Missionaries' Children—Morgan Park.
 Hope Hall—6036 West Ravenswood park.
 House of the Good Shepherd—1126 Grace street.
 Illinois Industrial Home for the 'Blind—1900-1932 Marshall boulevard.
 Illinois Industrial School for Girls—Park Ridge, Ill.
 Illinois Masonic Orphans' Home—LaGrange, Ill.
 Illinois Manual Training School Farm—Glenwood, Ill.
 Ill. Office 605, 160 West Jackson boulevard.
 Illinois St. Andrew Society Old People's Home—Riverside, Ill.
 Immanuel Women's Home—1505 LaSalle avenue.
 Jackson Park Sanitarium—64th street and the lake.
 King (James C.) Home for the Aged—Garfield boulevard and South Park avenue.
 Logan Home for G. A. R. Widows—140 S. 5th-av.
 Lutheran Children's Home—Rockwell and Hirsch streets.
 Lutheran Mission Home for Young Women—1307 East 54th street.
 Lutheran Orphans' Home—Addison, Ill.
 Margaret Etter Creche—2421 Wabash avenue.
 Marks Nathan Jewish Orphan—Albany avenue and Carlisle place.
 Martin Washington Home—North Western avenue and Irving Park boulevard.
 Mercy Home—2834 Wabash avenue.
 Methodist Episcopal Old People's Home—1417 Foster avenue.
 Miriam Club, Home for Jewish Working Girls—436 Bowen avenue.
 Mission of Our Lady of Mercy—1138 Jackson-bd.
 Newsboys and Bootblacks' Home—528 S. 5th-av.
 Norwegian-Danish Deaconess Home—3043 Cortland street.
 Norwegian Lutheran Children's Home—Edison Park.
 Norwegian Lutheran Deaconess Home—1138 North Leavitt street.
 Norwegian Old People's Home—6054 Avondale-av.
 Old People's Home—4720 Vincennes avenue.
 Olivet Old Ladies' Home—668 Gardner street.
 Orthodox Jewish Home for the Aged—Albany and Ogden avenues.
 Paulist Day Nursery—66 Eldredge place.
 Phyllis Wheatley Home—3530 Forest avenue.
 St. Anthony's Orphanage—2033 Frankfort street.
 St. Charles School for Boys—St. Charles, Ill.
 St. Joseph's Home for Aged and Crippled—2649 North Hamlin avenue.
 St. Joseph's Home for the Friendless—1100 South May street.
 St. Joseph's Orphan Asylum—Lake avenue and 35th street.
 St. Joseph's Polish Catholic Orphan Asylum—2057 North 14th court.
 St. Joseph Polish Old Roman Catholic Orphan Asylum—505 36th street.
 St. Joseph's Provident Orphan Asylum—3018 North 40th avenue.
 St. Mary's Home for Children—2822 West Jackson boulevard.
 St. Mary's Mission Home—850 Washington-bd.
 St. Mary's Nursery—2822 West Jackson boulevard.
 St. Mary's Training School for Boys—Des Plaines, Ill.
 St. Vincent's Infant Asylum—721 LaSalle avenue.
 St. Vincent's Orphan Asylum—2649 North Hamlin avenue.
 Sarah Hackett Stevenson Memorial Lodging House for Women—3040 Calumet avenue.
 Susanna Wesley Home—3330 Indiana avenue.
 Swedish Baptist Old People's Home—Morgan Park.
 Uhlich Evangelical Lutheran Orphan Asylum—2014 Burling street.
 Volunteers of America Children's Home—312 North Pine avenue.
 Volunteers of America Day Nursery—1201 Washington boulevard.
 Washingtonian Home—1529 West Madison street.
 Western German Baptist Old People's Home—1843 North Spaulding avenue.
 Young Woman's Christian Association Home—830 South Michigan avenue.
 Young Woman's Christian Home—501 S. Ashland-bd.

CHICAGO ACADEMY OF FINE ARTS.

81 East Madison street.

President—Carl N. Werntz.

Vice-President—M. M. Newman.

Secretary—E. M. Ashcraft, Jr.

The Chicago Academy of Fine Arts was founded in October, 1902. Its object is to popularize art and art education through the more practical channels of illustration, cartooning, commercial illustration, design, normal art training, crafts, miniature, etc. It was the first school to teach commercial art, craftwork, miniature and cartooning in exclusive classes; also the first school to give its students training in business ethics and selling systems. The average attendance is 700 pupils per year, with

twenty instructors, the faculty including some of the best known local artists. There are day and evening classes and the rates of tuition are as follows:

Afternoons only, \$26 for three months.

Mornings only, \$26 for three months.

All day classes, \$110 per season of ten months.

Evening classes, \$23 for ten months, three nights weekly.

Sunday class, \$23 for ten months.

Saturday classes for school teachers, children and others, \$5 for three months.

All classes limited.

CHICAGO'S FREE PUBLIC BATHS.

Operated by the health department; G. B. Young, M. D., commissioner; E. T. Olsen, M. D., chief of bureau of hospitals, public baths and lodging house.

Names and location of baths:

Carter H. Harrison—759 Mather street.

Martin B. Madden—3825 Wentworth avenue.

William Mavor—4647 Gross avenue.

Robert A. Waller—19 South Peoria street.

Kosciuszko—1444 Holt street.

DeWitt C. Cregier—1153 Gault court.

John Wentworth—2839 South Halsted street.

Theodore T. Gurney—1141 West Chicago avenue.

William B. Ogden—3346 Emerald avenue.

Joseph Medill—2138 Grand avenue.

Thomas Gahan—4226 Wallace street.

Pilsen—1849 Throop street.

Fernand Henrotin—2415 North Marshfield avenue.

William Loeffler—1217 South Union street.

Simon Baruch—1911 West 20th street.

Free baths are given at the 14th street and 22d street pumping stations and at several lake branches. The Carter H. Harrison bath, opened in January, 1904, is said to have been the first free public bath in the United States. Similar baths in Vienna charged a fee of 2 cents and those in New York 5 cents. The Madden bath was opened in April, 1897; the Mavor bath in May, 1900; the Kosciuszko bath in February, 1901; the Kosciuszko bath in April, 1904; the Cregier bath in October, 1905; the Wentworth bath in December, 1905; the Gurney bath in May, 1906; the Ogden bath in July, 1906; the Medill bath in September, 1906; the Gahan bath in November, 1907; the Pilsen bath in March, 1908; the Henrotin bath in September, 1908; the Loeffler bath in February, 1909, and the Baruch bath in April, 1910. The average cost of each plant has been between \$15,000 and \$20,000, and the average annual cost of maintenance, \$4,000.

HARRIS, WINTHROP & Co.

15 Wall St., New York

3 The Rookery, Chicago

24 Throgmorton St., E. C., London

23 Rue de la Paix, Paris

Stocks, Bonds, Grain, Provisions, Cotton, Coffee

MEMBERS

New York Stock Exchange

Chicago Board of Trade

New York Cotton Exchange

Chicago Stock Exchange

New York Coffee Exchange

Minneapolis Chamber of Commerce

New York Produce Exchange

Winnipeg Grain Exchange

ESTABLISHED HALF A CENTURY

GRAHAM & SONS

BANKERS

659-661 WEST MADISON STREET

STEAMSHIP AND INSURANCE AGENTS

SAVINGS DEPARTMENT OPEN EVENINGS

SAFETY DEPOSIT VAULTS TO RENT

BANKS AND BANK STATISTICS OF CHICAGO.

- American State—1825 Blue Island avenue; capital, \$200,000; president, John Karel; cashier, James F. Stepina.
- Ashland Exchange and Savings—1610 West 63d street; capital, \$200,000; president, Isaac N. Powell; cashier, William A. Moulton.
- Austin Trust—South Park and South boulevard, Austin; capital, \$100,000; president, Charles S. Castle; cashier, Perley D. Castle.
- Bank of Montreal—108 South LaSalle; capital, \$14,400,000; manager Chicago branch, J. M. Genta.
- Calumet National—9117 Commercial avenue; capital, \$100,000; president, John Cunnea; cashier, J. C. Fitzgibbons.
- Central Trust Company of Illinois—125 West Monroe street; capital, \$4,500,000; president, Charles G. Dawes; cashier, William R. Dawes.
- Chicago City—6225 Halsted; capital, \$500,000; president, Louis Rathje; cashier, E. H. Holtorf.
- Chicago Savings and Trust—Chicago Savings Bank building, State and Madison; capital, \$1,000,000; president, Lucius Teter; assistant cashier, William M. Richards.
- Citizens' Trust and Savings—Garfield boulevard and State street; capital, \$50,000; president, Oliver F. Smith; cashier, A. H. Luken.
- Colonial Trust and Savings—137 South LaSalle; capital, \$600,000; president, L. C. Rose; cashier, R. C. Keller.
- Continental and Commercial National—72 West Adams street; capital, \$21,500,000; president, George M. Reynolds; cashier, N. R. Losch.
- Continental and Commercial Trust and Savings—Monroe and Clark; capital, \$3,000,000; president, George M. Reynolds; cashier, Charles C. Wilson.
- Cook County State Savings—608 Blue Island avenue; capital, \$50,000; president, Raymond Cardona.
- Corn Exchange—LaSalle and Adams; capital, \$3,000,000; president, Ernest A. Hamill; cashier, Frank W. Smith.
- Drexel State—3946 Cottage Grove avenue; capital, \$200,000; president, Myron B. Cottrell; cashier, R. J. Neal.
- Drovers' Deposit National—4201 Halsted; capital, \$600,000; president, Edward Tilden; cashier, George M. Benedict.
- Drovers' Trust and Savings—Union stockyards; capital, \$200,000; president, William C. Cummings; cashier, Murray S. Ostott.
- Edgewater—5545 Evanston avenue; capital, \$25,000; president, W. H. Taisley; cashier, O. S. Taisley.
- Englewood State—237 West 63d; capital, \$200,000; president, Louis C. Wagner; cashier, John R. Burgess.
- First National—Dearborn and Monroe; capital, \$10,000,000; president, James B. Forgan; cashier, H. A. Howland.
- First National of Englewood—349 West 63d; capital, \$150,000; president, J. J. Nichols; cashier, V. E. Nichols.
- First Trust and Savings—Dearborn and Monroe; capital, \$5,000,000; president, J. B. Forgan; vice-president, E. K. Boisot.
- Foreman Bros. Banking Company—30 North LaSalle; capital, \$1,000,000; president, Edwin G. Foreman; cashier, John Terborgh.
- Fort Dearborn National—76 West Monroe; capital, \$2,000,000; president, William A. Tilden; cashier, H. R. Kent.
- Fort Dearborn Trust and Savings—76 West Monroe; capital, \$250,000; president, William A. Tilden; cashier, John E. Shea.
- Franklin Trust and Savings—Michigan avenue and 35th street; capital, \$200,000; president, S. W. Straus; cashier, Edgar F. Olson.
- Greenebaum Sons Bank and Trust Company—Clark and Randolph streets; capital, \$1,500,000; president, Moses E. Greenebaum; cashier, Walter J. Greenebaum.
- Guarantee Trust and Savings—835 West 63d; capital, \$200,000; president, William H. C. Stege; cashier, C. H. Dehning.
- Harris Trust and Savings—115 West Monroe; capital, \$1,500,000; president, N. W. Harris; cashier, John S. Brooks.
- *Hibernian Banking Association—Clark and Monroe; capital, \$1,500,000; president, George M. Reynolds; cashier, John W. MacGeagh.
- Home Bank and Trust Company—Ashland and Milwaukee avenues; capital, \$300,000; president, R. I. Terwilliger; cashier, Charles F. Hoerr.
- Illinois Trust and Savings—LaSalle and Jackson; capital, \$5,000,000; president, John J. Mitchell; cashier, Joseph I. Cooper.
- Interstate National—13304 Erie avenue (Hegewisch); capital, \$25,000; president, Lawrence Cox; cashier, William Sippel.
- Kaspar State—1900 Blue Island avenue; capital, \$200,000; president, William Kaspar; cashier, Joseph Sikta.
- Kenwood Trust and Savings—Grand boulevard and 47th; capital, \$200,000; president, A. K. Brown; cashier, R. C. Kent.
- Lake View State—3160 North Clark; capital, \$200,000; president, George W. McCabe; cashier, Joseph E. Olson.
- Lake View Trust and Savings—3211 North Ashland avenue; capital, \$200,000; president, Charles Johnson; cashier, J. H. Huhn.
- LaSalle Street National—209 South LaSalle; capital, \$1,000,000; president, William Lorimer; cashier, C. Claven.
- Lawndale State—3113 West 22d; capital, \$200,000; president, Frank G. Hajicek; cashier, Joseph Kopecky.
- Live Stock Exchange National—Union stockyards; capital, \$1,250,000; president, W. A. Heath; cashier, G. F. Emery.
- Mechanics and Traders' State—Washington boulevard and Desplaines street; capital, \$200,000; president, Calvin F. Craig; cashier, Norton F. Stone.
- Merchants' Loan and Trust—112 West Adams; capital, \$3,000,000; president, Orson Smith; cashier, J. G. Orchard.
- Michigan Avenue Trust—2218 Michigan avenue; capital, \$200,000; president, Landon C. Rose; cashier, T. A. Fitz Simmons.
- Mid-City Trust and Savings—Halsted and Madison; capital, \$500,000; president, William J. Rathje; cashier, Robert Forgan.
- Monroe National—Madison and LaSalle; capital, \$300,000; president, Edwin F. Brown; cashier, L. C. Woodworth.
- National Bank of the Republic—LaSalle and Monroe; capital, \$2,000,000; president, John A. Lynch; cashier, R. M. McKinney.
- National City—Dearborn and Monroe; capital, \$2,000,000; president, David R. Forgan; cashier, L. H. Grimme.
- National Produce—196 North Clark; capital, \$250,000; president, Edwin L. Wagner; cashier, R. N. Baloun.
- North Avenue State—North avenue and Larrabee; capital, \$200,000; president, L. C. Rose; cashier, C. E. Schick.
- North Side State Savings—303 North Clark street; capital, \$50,000; president, William R. Dawes; cashier, P. H. Wellbrenner.
- Northern Trust—LaSalle and Monroe; capital, \$1,500,000; president, Byron L. Smith; cashier, Thomas C. King.
- Northwest State—Milwaukee and North avenues; capital, \$200,000; president, Joseph R. Noel; cashier, Albert S. Boos.
- Northwestern Trust and Savings—1152 Milwaukee avenue; capital, \$250,000; president, J. F. Smulski; cashier, T. M. Helinski.
- Old Colony Trust and Savings—37 West Van Buren street; capital, \$200,000; president, Thad H. Howe; cashier, Ralph C. Wilson.
- Parsons-Taft Land Credit—181 LaSalle street; capital, \$200,000; president, Oren B. Taft; cashier, H. H. Mellin.
- People's Stockyards State—Ashland and 47th; capital, \$500,000; president, R. J. Schlesinger; cashier, H. C. Laycock.
- People's Trust and Savings—Michigan avenue and Adams; capital, \$500,000; president, Charles H. Bosworth; cashier, E. H. Reynolds.
- Pullman Trust and Savings—Pullman, Ill.; capital, \$500,000; president, Edward F. Bryant; cashier, Marcus A. Aurelius.
- Roseland State Savings—11500 Michigan avenue; capital, \$200,000; president, John S. Runnells; cashier, David J. Harris.

Report of the condition of

Niles Center State Bank

Located at Niles Center, State of Illinois, before the commencement of business on the 5th day of September, 1912, as made to the Auditor of Public Accounts of the State of Illinois, pursuant to law.

Total Resources \$328,080.00

Total Liabilities \$328,080.00

Report of the condition of

Des Plaines State Bank

Located at Des Plaines, State of Illinois, before the commencement of business on the 5th day of September, 1912, as made to the Auditor of Public Accounts of the State of Illinois, pursuant to law.

Total Resources \$616,575.81

Total Liabilities \$616,575.81

S. B. Chapin & Co.

BANKERS

—AND—

BROKERS

MEMBERS

New York Stock Exchange.
New York Cotton Exchange.
New York Coffee Exchange.
Chicago Stock Exchange.
Chicago Board of Trade.

Rookery Building, Chicago
Congress Hotel, Chicago
Trinity Building, New York

Second Security Bank of Chicago—Milwaukee and Western avenues; capital, \$200,000; president, Charles H. Meyer; cashier, James B. Forgan, Jr.

Security Bank of Chicago—Milwaukee avenue and Carpenter; capital, \$400,000; president, Charles H. Meyer; cashier, R. L. Redheffer.

Sheridan Trust and Savings—4611 Evanston avenue; capital, \$200,000; president, W. J. Klingenberg; cashier, Edwin L. Read.

South Chicago Savings—3017 East 92d; capital, \$200,000; president, Ralph Van Vechten; cashier, Warren W. Smith.

South Side State—4259 Cottage Grove avenue; capital, \$200,000; president, H. W. Mahan; cashier, D. W. Cahill.

Standard Trust and Savings—29 South LaSalle; capital, \$1,000,000; president, Charles S. Castle; cashier, James M. Miles.

State Bank of Chicago—LaSalle and Madison; capital, \$1,500,000; president, L. A. Goddard; cashier, Henry S. Henschen.

State Bank of West Pullman—120th and Lowe; capital, \$25,000; president, C. D. Rounds; cashier, Harry Paul.

Stockmen's Trust and Savings—5425 South Halsted; capital, \$200,000; president, P. J. Harmon; cashier, D. M. Wood.

Stockyards Savings—4162 South Halsted; capital, \$250,000; president, C. N. Stanton; cashier, Edward E. Payne.

Union Bank of Chicago—25 North Dearborn street; capital, \$500,000; president, Charles E. Schlytern; cashier, G. Halborn.

Union Trust—Dearborn and Madison; capital, \$1,200,000; president, F. H. Rawson; cashier, F. P. Schreiber.

Washington Park National—730 East 63d street; capital, \$100,000; president, H. W. Mahan; cashier, A. E. Olson.

West Side Trust and Savings—Halsted and 12th; capital, \$400,000; president, B. S. Mayer; cashier, Charles O. Fetscher.

Woodlawn—1204 East 63d; capital, \$200,000; president, William D. McKey; cashier, John W. Watson.

Chicago Clearing House Association—Northern Trust building, LaSalle and Monroe streets; president, L. A. Goddard; manager, W. D. C. Street.

*Stock of Hibernal Banking association owned by stockholders of the Continental and Commercial National bank.

CHICAGO BANK STATISTICS.

	Sept. 5, 1912.	Deposits.	Loans.	Surplus and undivided profits.
Cont'l & Com. Nat'l.	\$186,346,021	\$118,520,305	\$116,690,081	
First National.....	121,965,208	87,918,827	119,543,925	
Illinois Trust.....	93,726,473	58,223,273	9,626,950	
Corn Exchange.....	59,822,182	39,856,201	6,054,260	
Merchants' Loan.....	59,057,711	33,013,791	6,649,802	
First Trust.....	55,580,295	29,135,839	2,177,116	
Central Trust.....	42,322,458	20,537,950	1,959,873	
Fort Dearborn.....	31,041,482	20,070,844	1,934,115	
Northern Trust.....	30,544,320	15,991,417	2,734,557	
National City.....	28,199,086	18,738,901	606,680	
Hibernal Banking	27,017,828	19,954,982	1,539,807	
State Bank of Chi.	25,215,015	20,655,359	2,327,128	
Cont'l-Com'l Trust	24,951,523	14,141,143	1,542,324	
Nat. Bank of Rep.	24,457,890	18,656,260	1,374,188	
Union Trust.....	21,206,461	13,186,521	1,455,633	
Harris Trust.....	20,756,012	9,913,720	2,107,465	
Live Stock Exch.....	13,632,981	8,397,672	651,286	
Drovers' Deposit.....	11,194,762	7,096,751	487,124	
Foreman Bros.....	11,115,732	8,980,103	541,178	
Colonial Trust.....	7,479,768	5,369,220	477,377	
People's Trust.....	7,373,970	5,396,442	190,218	
Chicago Savings.....	6,097,458	4,530,544	257,318	
Standard Trust.....	5,354,171	3,492,325	380,452	
Kaspar State.....	4,767,055	3,371,570	\$154,312	
West Side Trust.....	4,383,550	3,884,447	117,570	
Pullman Trust.....	4,046,776	2,461,802	286,372	
Northwestern Trust	3,788,200	2,255,768	127,511	
First of Englewood	3,758,048	2,217,533	\$211,855	
People's Stocky'ds.	3,757,520	3,256,570	94,847	
Chicago City.....	3,697,151	2,793,636	\$356,896	
Drovers' Trust.....	3,603,200	2,514,464	167,774	
Greenbaum Sons.....	3,326,982	2,559,428	248,020	
Stockyards Savings	3,232,047	2,396,812	**375,120	
Security				

	Deposits.	Loans.	Surplus and undivided profits.
Drexel State.....	2,698,532	2,043,471	75,790
LaSalle Street.....	2,207,081	2,642,350	282,617
Ft. Dearb'n Trust.	2,604,256	1,555,221	3,335
Mid-City Trust.....	2,312,995	2,260,024	97,182
National Produce.	2,202,376	1,355,496	103,074
North Avenue.....	2,035,824	1,624,415	\$80,397
Lake View Trust.....	1,938,842	1,729,218	64,714
Austin State.....	1,893,942	909,050	56,686
So. Chicago Sav'gs	1,879,078	2,003,950	110,000
Kenwood Trust.....	1,863,064	1,629,282	77,463
Union Bank.....	1,767,219	1,612,529	159,314
South Side State.....	1,724,620	1,449,211	16,970
Lawduale State.....	1,570,916	1,380,858	38,614
Northwest State.....	1,546,246	1,075,187	\$83,965
Woodlawn Trust.....	1,530,458	1,419,332	86,840
Englewood State.....	1,274,937	844,487	57,537
Washington Park..	1,209,754	926,163	12,090
Mich. Ave. Trust.....	1,167,638	798,879	64,758
North Side State.....	1,155,117	925,594	46,070
Stockmen's Trust.....	1,132,830	897,404	\$49,795
Calumet National..	1,089,469	867,175	\$55,485
American State.....	1,080,147	920,112	179,779
Home Bk. & Trust	1,072,457	880,107	72,483
Wendell State.....	1,015,153	568,432	\$41,610

*Includes \$3,000,000 capital and \$1,542,324 undivided profits of Continental and Commercial Trust and Savings Bank and \$1,500,000 capital and \$1,539,807 surplus and undivided profits of Hibernal Banking association, both of which are owned by the Continental and Commercial National. *Includes \$5,000,000 capital and \$2,177,116 surplus and undivided profits of First Trust and Savings bank. *Includes \$250,000 capital and \$3,336 undivided profits of Fort Dearborn Trust and Savings bank. *Figures on surplus as of June 15 statement. **Includes \$200,000 capital and \$8,672 profits of the Second Security bank.

Banks with less than \$1,000,000 deposits reported the following amounts held Sept. 5: Ashland State, \$553,798; Citizens' Trust and Savings, \$442,795; Douglas State, \$348,677; Franklin Trust and Savings, \$307,491; Guarantee Trust and Savings, \$621,980; Hydrant State, \$183,445; Lake View State, \$500,562; Lincoln State, \$173,991; Mercantile Trust and Savings, \$307,408; Mechanics and Traders', \$15,775; Old Colony Trust and Savings, \$456,083; Roseland State, \$632,575; Second Security, \$608,307; Sheridan Trust and Savings, \$952,740; State Bank of Italy, \$220,907; State Bank of West Pullman, \$306,771; Lawndale National Bank, \$35,067; Interstate National, \$104,917; Irving Park National, \$116,468; Jefferson Park National, \$170,540; Ravenswood National, \$88,951.

CHICAGO BANK CLEARINGS AND BALANCES.

Year.	Clearings.	Balances.
1900.....	\$6,799,535,598.36	\$623,931,299.40
1901.....	7,756,372,455.31	690,404,179.78
1902.....	8,394,872,351.59	653,199,396.54
1903.....	8,755,553,649.93	775,022,539.58
1904.....	8,989,983,764.40	739,806,074.15
1905.....	10,191,765,732.59	779,110,938.92
1906.....	11,047,311,894.50	735,239,699.40
1907.....	12,087,647,870.08	727,408,863.87
1908.....	11,853,814,943.56	894,671,514.21
1909.....	13,781,843,612.86	993,499,307.49
1910.....	13,939,689,984.43	936,614,902.06
1911.....	13,925,709,802.70	1,16,087,020.30

CLEARINGS OF 1911 AND 1912 BY MONTHS.

Month.	1911.	1912.
January.....	\$1,146,387,681.00	\$1,252,985,283
February.....	971,708,774.42	1,152,969,776
March.....	1,287,760,102.42	1,302,396,484
April.....	1,122,395,329.41	1,309,363,131
May.....	1,194,672,639.05	1,322,635,932
June.....	1,169,821,161.12	1,199,331,820
July.....	1,165,436,110.15	1,271,131,184
August.....	1,113,115,464.25	1,232,865,831
September.....	1,140,266,067.38	1,206,651,833
October.....	1,202,760,061.60	1,456,179,046
November.....	1,170,616,706.45	
December.....	1,240,769,762.45	
Total.....	13,925,709,802.70	

Geo. H. Burr & Co.

BANKERS

Commercial Paper

209 S. LA SALLE STREET, CHICAGO

NEW YORK

BOSTON

ST. LOUIS

PHILADELPHIA

KANSAS CITY

SAN FRANCISCO

Edward P. Russell

Walter S. Brewster

C. L. Peniston

Russell, Brewster & Company

Successors to
Edward L. Brewster & Co.

BANKERS AND BROKERS

116 WEST ADAMS STREET, CHICAGO

New York Office
111 Broadway

Members New York Stock Exchange
Members of Chicago Stock Exchange

We shall be glad to furnish circulars and information
regarding attractive tax exempt and other securities.

LEGAL FARES FOR CABS, CARRIAGES AND TAXICABS.

ONE-HORSE VEHICLES.

1. For one or two passengers, not exceeding one mile.....\$0.50
2. For each additional passenger, 25 cents for the first mile or part thereof only..... .25
3. For one or more passengers for the second mile and subsequent miles or part thereof, 25 cents for all for each such mile or part thereof..... .25
4. For children between 5 and 14 years of age, when accompanied by an adult, not more than half of the above rates shall be charged for like distances. For children under 5 years of age, when accompanied by an adult, no charge shall be made.
5. For the use of any vehicle mentioned in this section conveying one or more passengers, when hired by the hour with the privilege of going from place to place and stopping as often as may be required, as follows:
For the first hour..... 1.00
For each additional hour or part thereof at the rate of \$1 an hour.
6. In the case of any vehicle described in this section being engaged by the hour and discharged at a distance from the place where it was engaged, the driver shall have the right to charge for the time necessary to return to such place.

TWO-HORSE VEHICLE.

1. For one or two passengers not exceeding one mile.....\$1.00
2. For each additional passenger, 50 cents each for the first mile or part thereof only..... .50
3. For one or more passengers for the second mile and subsequent miles or part thereof, 50 cents for all for each mile or part thereof..... .50
4. Children between 5 and 14 years of age, when accompanied by an adult, not more than half of the above rates shall be charged for like distances. For children under 5 years of age, when accompanied by an adult, no charge shall be made.
5. For the use of any vehicle mentioned in this section conveying one or more passengers, when hired by the hour with the privilege of going from place to place and stopping as often as may be required, as follows:
For the first hour..... 2.00
For each additional hour or part thereof, at the rate of \$1.50 an hour.
6. In the case of any vehicle described in this section being engaged by the hour and discharged at a distance from the place where it was engaged, the driver shall have the right to charge for the time necessary to return to such place.

Hiring by the Hour—Must be so specified at the time of hiring. In all cases where the hiring of any vehicle licensed under the provisions of this article is not at the time of such hiring specified by the person hiring same to be by the hour, it shall be deemed to be by the mile, and for any detention exceeding a total period of fifteen minutes during the whole period of such hiring, when so working by the mile, the driver may demand pay for such period of detention at the rate of \$1.50 per hour in addition to the rate per mile.

Baggage—Every passenger upon any vehicle licensed under the provisions of this article shall be allowed to have conveyed with him upon such vehicle, without charge therefor, his ordinary light traveling baggage in an amount not to exceed in weight seventy-five pounds.

Lost Baggage—Whenever any package, article of baggage or goods of any kind shall be left in or upon any vehicle licensed under the provisions of this article, the driver of such vehicle shall upon the discovery of such package, baggage or goods forthwith deliver the same to the board of inspectors of passenger vehicles.

TAXICABS.

No person, firm or corporation owning, operating or controlling any taxicab shall let the same for hire or reward for a fee or charge to be fixed and determined by the hour or fraction thereof, but the

fare demanded and received shall (excepting for waiting time as herein provided for) be computed by the distance traveled and shall not exceed the following rates:

- For the first one-half mile or fraction thereof, for one person.....\$0.50
For each one-fourth mile thereafter..... .10
For each additional person for whole journey. .20
For each four minutes of waiting..... .10

Waiting Time—Waiting time shall include the time during which the taxicab is not in motion, beginning with its arrival at the place to which it has been called, or the time consumed while standing at the direction of a passenger, but no charge shall be made for time lost for inefficiency of the taxicab or its operator or for time consumed by a premature arrival in response to a call; provided, however, that no operator or driver of any taxicab which has responded to the call of a prospective passenger shall throw down or place in a recording position the flag attached to the taximeter until at least eight minutes' waiting time has elapsed. Charge Before Consumed.

Operator to Announce Change Before Changing Position of Flagpost—It shall be the duty of the operator or driver of every taxicab at the termination of his services to throw the flag to the nonrecording position on the taximeter and call the passenger's attention to the amount registered. The taximeter shall not be changed until after the fare is paid or a charge ticket therefor made out and delivered to the person hiring such taxicab.

Baggage—Every passenger upon any taxicab shall be allowed to have conveyed with him upon such vehicle, without charge therefor, his ordinary light traveling baggage in an amount not to exceed in weight fifty pounds. A fee of 20 cents may be charged for conveying a trunk.

Lost Baggage—Whenever any package, article of baggage or goods of any kind shall be left in or upon any vehicle licensed under the provisions of this article, operator of such vehicle shall, upon discovery of such package, baggage or goods, forthwith deliver the same to the board of inspectors of passenger vehicles.

AUTOMOBILES (OTHER THAN TAXICABS).

Rates of Fare—The rate of fare to be asked or demanded by the operator or person in charge or control of any automobile, autocar or other similar vehicle operated for the conveyance of passengers, for hire or reward, within the city, shall not exceed the following prescribed rates:

Seating Capacity Not Exceeding Two Passengers—For the use of any such vehicle the seating capacity of which shall not exceed two persons, at the rate of \$3.00 per hour; provided, however, that no operator of such vehicle shall be compelled to rent the same for a fee of less than \$1.00.

Seating Capacity from Three to Five Passengers—For the use of any such vehicle the seating capacity of which shall be more than two persons, and not exceeding five persons, at the rate of \$4.00 per hour; provided, however, that no operator of such vehicle shall be compelled to rent the same for a fee of less than \$1.50.

Seating Capacity More than Five Passengers—For the use of any such vehicle the seating capacity of which is more than five persons, at the rate of \$5.00 per hour; provided, however, that no operator of such vehicle shall be compelled to rent the same for a fee of less than \$2.00.

Rate to Be Based on Time Vehicle Is in Use—The rate of fare to be asked or demanded by such vehicles not equipped with taximeters shall be determined in accordance with the time in which the vehicle is in use by the passenger or passengers engaging the same.

Operator's Seat Not to Be Counted—In determining the seating capacity of any such vehicle, neither the operator's seat nor any portion thereof shall be computed, but the seating capacity shall be determined by the number of persons which can be accommodated in the interior or tonneau of such vehicle.

No Charge for Answering Call or for Return from Call—No charge shall be made for the time con-

A. G. BECKER & CO.

INCORPORATED

COMMERCIAL PAPER

S. W. CORNER LA SALLE AND MONROE STREETS

CHICAGO

WM. SCHLAKE, Pres.

WM. G. BOHNSACK, Sec. & Sales Mgr.

C. B. VER NOOY, Vice-Pres. and Treas.

ILLINOIS BRICK COMPANY

916 CHAMBER OF COMMERCE

CHICAGO

TELEPHONES { MAIN 17
AUTOMATIC 3-2461

J. M. HUBER

MANUFACTURER OF

Colors, Varnishes, Dryers
AND

PRINTING INKS

JOHN MIEHLE, Jr., Manager

Chicago Office and Warehouse

528 SOUTH DEARBORN STREET

Main Office

***150 WORTH ST. 3-6 MISSION PLACE
NEW YORK***

Branches at

BOSTON

133 Pearl St.

PHILADELPHIA

206 South Fifth St.

ST. LOUIS

113-115 Vine St.

BALTIMORE, CINCINNATI, OMAHA, SAN FRANCISCO

PRINTERS

When Buying Printing Inks

BUY DIRECT

The best, purest and most reliable colors and varnishes are used in manufacturing our printing inks. We produce our colors, varnishes and dryers at our own factories, thereby insuring the very best qualities.

Save the middleman's profit and buy direct.

J. M. HUBER

MANUFACTURER OF

**COLORS, VARNISHES, DRYERS AND
PRINTING INKS**

JOHN MIEHLE, Jr., Manager

CHICAGO OFFICE: 528 SOUTH DEARBORN STREET

MAIN OFFICE:

150 WORTH STREET, 3-6 MISSION PLACE, NEW YORK

John T. Cunningham

MANUFACTURER OF

*Fine
Ice Creams*

TELEPHONE WEST 752

2311-2313 VAN BUREN STREET

BRANCH:

W. RAVENSWOOD AND BERTEAU AV.

TELEPHONE LAKE VIEW 6102

MUNICIPAL VOTERS' LEAGUE PLATFORM PLEDGE.

Following is the platform and pledge submitted to all aldermanic candidates in 1912 by the Municipal Voters' league for their signature:

"1. The aldermanic office involves service for the whole people. An alderman should discharge his duties with an eye not solely to the local interests of his ward, but to the city's interests at large.

"2. The office of alderman is nonpartisan in its nature and should be discharged without reference to party affiliations.

"3. All council committees should be organized strictly on the basis of integrity and fitness and without regard to party.

"4. No alderman should accept or hold any duty or employment or be, directly or indirectly, connected with or engaged in any business or enterprise in conflict with the city's interest, or tending to interfere with the disinterested discharge of his duties, or to prevent his unrestricted activity for the public good.

"5. No alderman should seek or demand a permit, special privilege or immunity for any individual or corporation in conflict or inconsistent with the public interest, or denied to the citizens generally.

"6. The health and welfare of the people depend in large measure on hygienic and sanitary conditions and every alderman should strive to have these constantly improved and maintained in the best possible state. The public health should in no instance be sacrificed to special interests.

"7. The city in all its departments should have a thorough and businesslike system of accounting and auditing. Through periodic examinations, the employment of experts and the technical study of the functions, administration and requirements of the various branches of municipal government, improved business methods should be introduced into all of them, so that not only may economies be effected, but the most approved and skilled service rendered to the people.

"8. An alderman should uphold the strict enforcement of the civil service law and the application of the merit system to municipal employment.

"9. Grants for street railways, subways, tunnels, wharves, docks and other public utilities, including telephone, telegraph, gas and electric lighting, heating, refrigerating, power and other like services, should be for as short a term as is consistent with the best service to the public; provided, no grant for a term exceeding twenty years should become effective unless and until approved on a referendum. All grants to a given corporation or individual should expire at the same time and no supplemental or collateral grant should run beyond the time when the main grant expires.

"10. No grant should be made for any public utility without expressly reserving to the city the opportunity for municipal purchase, at or before the expiration of such grant, upon fair terms and reasonable notice.

Ward.

2. Hugh Norris, Rep.

3. St. Mayer, Dem.

4. John A. Richert, Dem.

6. Willis O. Nance, Rep.

7. John H. Helwig, Rep.

8. Ernest M. Cross, Rep.

9. Eugene Block, Dem.

10. Frank J. Vavrick, Dem.

11. Frank W. Bewersdorf, Dem.

12. Anton J. Cermak, Dem.

13. Frank McDonald, Dem.

Ward.

14. J. Edward Clancy, Dem.

15. Albert W. Beilfuss, Rep.

16. John Czekala, Dem.

17. Stanley S. Walkowiak, Dem.

18. William J. Healy, Rep.

20. Hugo L. Pitte, Dem.

21. James F. Burns, Rep.

22. John H. Banler, Dem.

23. Victor J. Schaffer, Rep.

23. John Kjellander, Rep.

24. John Haderlein, Dem.

"11. Every grant for a public utility should be expressly subject to the right of the corporate authorities of the city to control the use, employment and repair of the streets, alleys or other public places granted for that purpose and to make all necessary or appropriate police regulations concerning the erection, construction, maintenance, use and operation of the property or structure thereby permitted. Such right of regulation should specifically include the power (1) to make reasonable regulations of the charges to be made to the people in the operation of such public utilities; (2) to require adequate service to the public and reasonable extensions of such service and of such public utility works from time to time; (3) to require the use of the most approved appliances and equipment.

"12. All grants for any public utility should provide for uniformity and publicity of accounts and should reserve to the city the power to require properly verified detailed reports, as well as the power to examine from time to time the books, accounts, vouchers and records relating to the conduct of the business and to verify the same by an examination of the actual condition of the property.

"13. All public service corporations are entitled to a fair return on the actual value of the tangible property employed by them in properly conducting such public utilities, over and above all proper and legitimate expenses and charges for depreciation and renewals. The remaining income from such public utilities should be conserved for the people and should be realized by them either in reduced rates or a percentage of the receipts as direct compensation, or both.

"14. In order that the city council may intelligently exercise its right to fix reasonable rates and make reasonable regulations in connection with the operation of public utilities, competent and trustworthy experts should be engaged from time to time to gather and arrange the necessary data, figures and information on which a correct judgment and conclusions may be based and these should be laid before the council and the public a reasonable length of time before any rate regulation ordinance is adopted.

"15. The application of the referendum to such matters of grave public importance as the issuance of municipal bonds has for years operated with distinct advantage and the opportunity should be afforded for its application to the settlement of all important policies with reference to public utilities.

"I, the undersigned a candidate for alderman from the — ward, freely place the foregoing platform before my constituents and the whole people of the city of Chicago and pledge myself to adhere to these principles and to work and to vote in committee and on the floor of the council to carry out the same."

The following aldermen, elected April 2, 1912, signed the above pledge:

Ward.

25. Charles M. Thomson, Rep.

26. George Pretzel, Rep.

27. Frank J. Wilson, Dem.

28. Charles Twigg, Dem.

29. Frank McDermott, Dem.

30. Joseph A. Swift, Dem.

31. Henry P. Bergen, Dem.

32. Melville G. Holding, Dem.

33. George H. Bradshaw, Rep.

34. John Toman, Dem.

35. James Donahoe, Dem.

CHICAGO BOARD OF TRADE.

Jackson boulevard and LaSalle street.

President—Frank M. Bunch.

Vice-President—Edward Andrew.

Secretary—J. C. F. Merrill.

Treasurer—Ernst A. Hamill.

Directors—Terms expire 1913: Alexander O. Mason,

Albert E. Cross, Robert E. Tearse, Edward F.

Leland, William S. Dillon. Terms expire 1914:

Charles B. Pierce, Theodore E. Cunningham,

David S. Lasier, Caleb H. Canby, Leslie F. Gates. Terms expire 1915: Robert McDougall, Joseph Simons, Adolph Gerstenberg, Benjamin S. Wilson, L. Harry Freeman.

A gallery is set apart for the use of visitors, but admission is by card only. The trading hours are from 9:30 a. m. to 1:15 p. m., except on Saturday, when the closing hour is 12 o'clock noon.

Insurance Exchange Building

Jackson Blvd., Sherman St. and Fifth Av.



For space or further information apply to Napoleon Picard, Manager, Room 808, 175 W. Jackson Blvd. Telephone Wabash 756.

HOSPITALS AND DISPENSARIES OF CHICAGO.

Abraham Lincoln—2941 Calumet avenue.
 Alexian Brothers'—Racine and Belden avenues.
 Augustana—2043 Cleveland avenue.
 Beulah—2148 North Clark street.
 Bohemian—1333 South California avenue.
 Cancer—1430 Wells street.
 Chicago Baptist—Rhodes avenue and 34th street.
 Chicago Charity—2407 Dearborn street.
 Chicago City Infant—721 LaSalle avenue.
 Chicago Homeopathic—707 South Wood street.
 Chicago Hospital—311 East 49th street.
 Chicago Lying-In—515 South Ashland boulevard.
 Chicago Maternity—2314 North Clark street.
 Chicago Policlinic—221 West Chicago avenue.
 Chicago Tuberculosis—411, 157 West Adams street.
 Chicago Union—830 Wellington street.
 Children's—Wood street, near Polk.
 Children's Memorial—706 Fullerton avenue.
 Columbia—4607 Champlain avenue.
 Columbus—2540 Lake View avenue.
 Columbus Extension—West Polk and Lytle streets.
 Cook County—West Harrison and Wood streets.
 Detention—Wood and West Polk streets.
 Emergency (city)—1065 West Monroe street, 1428 Wells street, 1260 West Madison street and 23 North Market street.
 Englewood—West 60th and South Green streets.
 Evangelical Deaconesses'—408 Wisconsin street.
 Frances E. Willard National Temperance—710 South Lincoln street.
 Garfield Park—3815 Washington boulevard.
 George Smith Memorial—See St. Luke's.
 German-American—741 Diversey boulevard.
 German Hospital—2217 Hamilton court.
 Grace—398 South Sangamon street.
 Hahnemann—2814 Groveland avenue.
 Henrotin Memorial—329 LaSalle avenue.
 Illinois Charitable Eye and Ear Infirmary—904 West Adams street.
 Iroquois Memorial Emergency—23 North Market-st.
 Isolation—West 34th-st. and S. Hamlin-av.
 Jefferson Park—1402 West Monroe street.
 Lakeside—4147 Lake avenue.
 Lake View—628 Belmont avenue.
 Lincoln—2943 Calumet avenue.
 Littlejohn—1412 West Monroe street.
 Maimonides—1519 South California avenue.
 Mary Thompson—West Adams and Paulina streets.
 Memorial Institute for Infectious Diseases—South Wood and York streets.
 Mercy—Calumet avenue and 26th street.
 Michael Reese—Groveland avenue and 29th street.
 Monroe Street—2501 West Monroe street.
 National Maternity—1428 Wells street.
 North Chicago—2551 North Clark street.
 Norwegian Lutheran—1133 North Leavitt street.
 Norwegian Lutheran Tabitha—North Francisco avenue and Thomas street.
 Park Avenue—1040 Park avenue.
 Passavant Memorial—147 West Superior street.
 People's—2184 Archer avenue.
 Post-Graduate—Dearborn and 24th streets.
 Presbyterian—West Congress and Wood streets.
 Provident—Dearborn and 36th streets.
 Pullman—11217 Watt avenue.
 Ravenswood—1917 Wilson avenue.
 Rhodes Avenue Woman's—Rhodes avenue and 32d street.
 Robert Burns—2807 Washington boulevard.
 St. Ann's—North 49th avenue and Thomas street.
 St. Anthony de Padua—West 19th street and Marshall boulevard.

St. Bernard's Hotel Dieu—6337 Harvard avenue.
 St. Elizabeth's—North Claremont avenue and Le Moine street.
 St. Joseph's—Garfield avenue and Burling street.
 St. Luke's—1439 Michigan avenue.
 St. Mary of Nazareth—North Leavitt and Thomas streets.
 Sarah Morris Hospital for Children—Groveland avenue and East 29th street.
 South Chicago—2323 East 92d place.
 Streeter—2646 Calumet avenue.
 Swedish Covenant—2745 Foster avenue.
 United States Marine—Clarendon and Graceland avenues.
 University—West Congress and South Lincoln-sts.
 Washington Park—60th street and Vernon avenue.
 Wesley—2449 Dearborn street.
 West Side—1844 West Harrison street.

DISPENSARIES.

Alexian Brothers' Hospital—Belden and Racine avenues.
 American Medical Missionary—828 West 35th place; open 1 to 5 and 7 to 8 p. m.
 Bennett Free—300 North Ada; open 2 to 5 p. m.
 Calumet Avenue Free—2526 Calumet avenue.
 Central Free—West Harrison and Wood; 9 a. m. to 5 p. m., except Sundays.
 Chicago Lying-In—Maxwell and Newberry.
 Chicago Policlinic—219 West Chicago avenue; 8:30 a. m. to 6 p. m. daily.
 Chicago Public—Dearborn and 24th; all day.
 German Hospital—Hamilton court and Grant place; 9 a. m. to 5 p. m., except Sundays.
 Hahnemann College Free—2811 Cottage Grove avenue; all day.
 Hahnemann College Free Clinic for Tuberculosis—2817 Cottage Grove avenue.
 Hering College Free—703 South Wood; 8 a. m. to 5 p. m., except Sundays.
 Illinois Charitable Eye and Ear—124 South Peoria; 1:30 to 3 p. m., except Sundays and holidays.
 Institutional Policlinic and Free Dispensary—778 South Halsted street.
 Jewish Aid Society, West Side, Free—1012 Maxwell; daily except Sunday.
 Littlejohn College—1422 West Monroe street.
 Mandel (Emanuel) Memorial—Maxwell and Waller.
 Mary Home—1335 Newberry avenue; 2 to 4 p. m., except Sundays; Saturday, 11 a. m. to 4 p. m.
 Mary Thompson—West Adams and Paulina; 2 to 4 p. m., except Sundays.
 Mennonite—639 West 18th; Tuesdays and Fridays, 7 to 9 p. m.
 Michael Reese Free—Groveland and 29th.
 North Star—157 West Superior; 1 to 2 p. m., except Sundays and holidays.
 Olivet—717 Vedder street.
 Provident—Dearborn and 36th.
 St. Anthony's Free—2033 Frankfort; daily.
 South Side—2431 Dearborn; 10 a. m. to 12 m. and 2 to 4 p. m. daily.
 Volunteers of America, Free—1201 Washington boulevard.
 West Side Free—Congress and Honore (College of Physicians and Surgeons); daily, except Sundays. 10 a. m. to 4 p. m.

CHICAGO TUBERCULOSIS INSTITUTE.

411, 157 West Adams street.
 President—Henry B. Pavill.
 Secretary—Sherman C. Kingsley.
 Superintendent—Frank E. Wing.

CHICAGO BUREAU OF PUBLIC EFFICIENCY.

Organized in 1910.
 Trustees—Julius Rosenwald, chairman; Alfred L. Baker, treasurer; Onward Bates, George G. Tunnell, Charles R. Crane, Henry B. Favill, Walter L. Fisher.
 Director—Harris S. Keeler.
 Secretary—George C. Sikes.
 Headquarters—City Club building, 315 Plymouth-st.
 The purposes of the organization are:
 (1) To scrutinize the systems of accounting in the eight local governments of Chicago.
 (2) To examine the methods of purchasing materials and supplies and letting and executing con-

struction contracts in these bodies.
 (3) To examine the pay rolls of these local governing bodies with a view of determining the efficiency of such expenditures.
 (4) To make constructive suggestions for improvements in the directions indicated under 1, 2 and 3, and to co-operate with public officials in the installation of these improved methods.
 (5) To furnish the public with exact information regarding public revenues and expenditures, and thereby promote efficiency and economy in the public service.

RELIABLE PRINTERS' ROLLERS

SAM'L BINGHAM'S SON
MFG. CO.

CHICAGO

**PITTSBURG
ST. LOUIS
KANSAS CITY
ATLANTA
DES MOINES**

**INDIANAPOLIS
DALLAS
MILWAUKEE
MINNEAPOLIS
COLUMBUS**

W. F. Hall Printing Company



Large Contract Printers of Catalogues and Magazines

Through our high quality of work and efficient service, obtained chiefly with specially designed printing and binding machinery, we have built up the largest printing business in the West.

**Kingsbury and Superior Streets
CHICAGO**

Danish.		English.		Finnish.		French.		Irish.		Italian.		Japanese.		Lithuanian.	
For. Amer.		For. Amer.		For. Amer.		For. Amer.		For. Amer.		For. Amer.		For. Amer.		For. Amer.	
5....	7 36	32	288	..	8	..	40	16....	3 212	16	112	...	...	40	163
6....	4 86	42	422	..	10	5	49	17....	4 225	604	5,105	...	...	...	7
7....	21 249	71	548	..	1	..	39	18....	21 1,032	74	388	...	2	...	8
8....	5 194	49	452	..	2	1	28	19....	28 1,524	1,943	11,472	...	...	...	...
9....	9 216	71	558	..	4	23	1	20....	5 308	170	1,039	...	...	...	18
10....	.. 2	20	139	..	1	2	46	21....	27 1,246	94	647	...	1	...	...
11....	.. 23	38	121	..	3	3	29	22....	21 800	1,144	7,087	...	3	...	1
12....	1 22	13	121	..	11	..	7	23....	10 551	15	127	...	4	...	...
13....	3 72	62	485	..	2	5	38	24....	9 1,102	25	165	...	3	...	...
14....	2 164	54	469	..	1	3	30	25....	17 487	3	93	...	1	...	1
15....	56 524	36	180	..	4	..	26	26....	33 514	6	122	...	...	...	...
16....	.. 23	9	31	..	..	..	15	27....	13 536	17	214	...	1	...	2
17....	2 68	2	51	..	2	5	26	28....	2 412	8	129	...	..	2	...
18....	9 40	68	257	..	5	4	24	29....	50 1,996	83	611	...	140	3,865	...
19....	1 9	26	126	..	..	8	28	30....	49 6,336	53	391	...	..	2	166
20....	.. 22	18	50	..	..	2	12	31....	27 4,371	4	62	...	..	5	5
21....	.. 23	40	280	..	7	10	1	32....	59 4,162	4	169	...	4	...	6
22....	2 33	7	132	..	12	27	5	33....	11 586	26	273	...	..	3	5
23....	1 70	43	268	..	11	57	2	34....	20 1,085	3	68	...	..	2	4
24....	1 70	21	131	..	4	8	5	35....	27 4,117	9	217	...	..	..	..
25....	3 81	26	375	..	24	4	26	Ttl. 822 49,700 5,447 37,833 4 26 319 8,250							
26....	1 161	71	438	..	7	48	6	Mexican. Norwegian. Polish. Rumanian							
27....	25 516	54	485	..	8	14	5	For. Amer. For. Amer. For. Amer. For. Amer.							
28....	93 907	26	265	..	2	..	45	1....	.. 2	..	2 14	..	..	..	..
29....	6 140	30	357	..	1	3	1	2....	..	..	2 52	..	..	..	..
30....	2 69	38	334	..	6	12	22	3....	1 6	..	36 5	31	6	15	...
31....	8 177	54	498	..	6	12	22	4....	..	4	29	125	4,861	...	1
32....	9 158	54	498	..	6	12	22	5....	..	..	47	2	86	18	3
33....	41 705	44	598	..	13	26	6	6....	..	6	47	2	86	18	3
34....	.. 24	34	263	..	8	3	31	7....	..	12	108	2	11	..	5
35....	35 521	55	616	..	5	..	35	8....	..	3	103	739	8,676	1	...
Ttl. 388 5,741 1,282 10,984 78 349 72 1,156															
German.		Greek.		Hollander.		Hungarian.									
For. Amer.		For. Amer.		For. Amer.		For. Amer.									
1....	63 616	16	30	2	8	21	35								
2....	36 915	3	39	..	19	9	38								
3....	61 1,148	4	2	3	17	28	129								
4....	151 4,978	4	24	3	28	7	67								
5....	86 5,988	..	9	10	21	18	75								
6....	57 2,175	1	17	5	36	26	195								
7....	22 1,554	2	27	2	52	9	40								
8....	111 3,426	5	6	1	26	34	265								
9....	158 2,757	18	62	251	4,165	331	879								
10....	73 1,132	11	47	193	549	99	280								
11....	213 3,911	3	11	12	133	60	148								
12....	67 2,185	13	25	5	65	24	63								
13....	37 2,488	6	14	15	75	6	47								
14....	105 2,836	6	53	17	92	65	279								
15....	173 7,296	2	18	..	10	170	786								
16....	144 3,862	3	18	..	10	109	231								
17....	133 1,816	3	45	..	15	104	416								
18....	59 1,097	28	99	1	44	37	55								
19....	45 883	86	185	1	14	26	85								
20....	60 1,373	3	22	..	11	51	156								
21....	156 1,762	10	90	1	6	35	47								
22....	599 5,055	6	43	4	25	467	591								
23....	213 5,738	3	23	2	18	69	107								
24....	412 11,052	9	32	7	23	125	255								
25....	76 4,724	1	23	4	28	13	36								
26....	193 8,467	1	15	12	29	45	84								
27....	316 9,185	5	14	14	55	55	150								
28....	218 6,593	8	20	19	43	23	121								
29....	314 6,390	8	30	47	180	59	287								
30....	129 2,518	30	2	30	88	257	..								
31....	45 2,810	13	29	44	235	4	47								
32....	70 5,558	7	33	142	994	17	47								
33....	128 5,843	4	10	28	156	26	102								
34....	86 2,860	2	11	27	196	30	69								
35....	92 4,246	3	26	27	167	45	208								
Ttl. 4,913 135,232 295 1,153 901 7,617 2,335 6,630															
Irish.		Italian.		Japanese.		Lithuanian.									
For. Amer.		For. Amer.		For. Amer.		For. Amer.									
1....	11 353	417	3,177	..	..	..	..								
2....	22 526	20	173	..	2	..	..								
3....	34 1,403	2	64	..	1	..	..								
4....	25 2,141	85	606	..	..	10	1,136								
5....	47 3,634	14	93	..	..	23	2,176								
6....	32 704	1	48	..	..	..	5								
7....	31 1,619	11	50	..	3	3	..								
8....	17 1,257	72	389	..	1	1	16								
9....	23 1,028	232	2,004	..	..	61	354								
10....	2 308	..	26	..	..	3	10								
11....	28 896	68	398	..	..	31	283								
12....	7 388	21	42	..	..	3	12								
13....	62 2,066	33	248	..	..	..	..								
14....	44 1,452	152	1,171	..	..	..	1								
15....	1 323	18	153	..	..	1	..								
Russian.		Scotch.		Servian.		Spanish.									

AMERICAN FENCE

Square Mesh, Hinged-Joints (patented) with Flexible Stays

A square mesh fence of weight, great strength and durability. Large wires in both the horizontals and the uprights, and the whole fabric woven together with the American hinged joint (patented), making the most substantial and flexible union mechanically possible. Both wires are positively locked and firmly held against side slip and yet are free to act like a hinge in yielding to pressure and returning quickly to place without bending or injuring the metal. Many years of the hardest usage in the field have demonstrated the value of the American forms of construction, justly entitling it to be called a resilient wall of steel solid and enduring.

ELLWOOD FENCE

Diamond Mesh, Elastic Cables

The steel in Ellwood fence is especially made for the purpose from carefully selected stock; it is hard, elastic, tough and springy. The line wires, composed of two or more wires twisted into cables, give each individual wire the shape of an elongated coiled spring. The fence is therefore sufficiently elastic to take care of expansion and contraction, and yet so rigid when properly stretched as to prevent sagging. The small and permanent mesh is made by weaving one continuous wire throughout the fabric. The mesh of stay wires are so interwoven that slipping is impossible. The triangular truss is the strongest form of construction known; for this reason, Ellwood fence will stand the hardest usage and still retain its shape.

ROYAL FENCE

Square Mesh, Continuous Stays, with Royal Loop

Is made of heavy, hard, stiff steel wire, the strongest and best possible to produce for fencing purposes. The stay or upright wires are continuous from top to bottom of the fence and secured to the horizontal wires by the Royal loop. Being wrapped around the horizontal wires entirely within the tension curves, the stays are rigidly held in place and side slipping prevented. The whole forms a fabric of the greatest strength and ample flexibility, the best of the continuous stay fences.

ANTHONY FENCE

Square Mesh, Rigid Stays, with Anthony Knot

The upright and horizontal wires are tied with the famous Anthony knot, the smallest fence knot made. Machinery of special design has been brought to such a degree of perfection that the most nicely balanced woven wire fabric is produced, each wire drawing with mathematical precision under equal tension and uniformly even with the others. This brings into play, under stress of action, all the wires within a considerable radius of the center of contact, affording to an extraordinary degree great resistance combined with flexibility.

American
Steel
Fence Post.

AMERICAN STEEL FENCE POST

Cheaper than wood and more durable. Get catalogue.

DEALERS EVERYWHERE. SEE THEM

MADE BY

American Steel & Wire Co.

FRANK BAACKES, Vice-Pres. and General Sales Agent

Chicago

New York

Cleveland

Pittsburgh

	Russian.	Scotch.	Servian.	Spanish.
Ward.	For. Amer.	For. Amer.	For. Amer.	For. Amer.
27.	176	365	19	3
28.	167	696	8	3
29.	143	850	16	4
30.	85	551	16	...
31.	138	416	295	...
32.	62	275	22	7
33.	27	230	32	1
34.	478	3,148	5	...
35.	35	256	42	...
Tl.	15,378	53,534	574	148

	Swedish.	Swiss.	Welsh.	Others.
For. Amer.	For. Amer.	For. Amer.	For. Amer.	For. Amer.
1...	6	106	1	15
2...	13	259	5	7
3...	12	354	...	2
4...	24	447	3	...
5...	3	350	1	...
6...	21	450	1	...
7...	37	1,243	5	...
8...	84	3,116	...	...
9...	121	3,953	1	...
10...	...	27	...	...
11...	15	363	...	...
12...	37	484	9	...
13...	...	87	...	...
14...	12	337	...	...
15...	32	798	...	...
16...	...	46	...	...
17...	2	232	...	...
18...	3	90	...	...
19...	3	33	...	...
20...	3	18	...	...
21...	18	1,090	4	...
22...	55	1,697	10	...
23...	144	2,377	26	...
24...	53	1,012	2	...
25...	57	3,853	...	...
26...	114	5,224	1	...
27...	93	3,354	8	...
28...	49	2,037	2	...
29...	22	604	...	...
30...	33	529	...	...
31...	144	3,420	3	...
32...	31	1,300	...	...
33...	119	4,100	1	...
34...	5	301	...	...
35...	50	942	1	...
Tl.	1,413	44,673	79	1,227

MINORS BETWEEN 14 AND 16 AT WORK.

Ward.	Male.	Fem.	Tl.	Male.	Fem.	Tl.	Male.	Fem.	Tl.
1.	30	23	53	23	25	48	31	44	75
2.	26	20	46	5	2	7	29	23	52
3.	35	15	50	6	2	8	24	34	58
4.	125	98	223	91	123	214	88	124	212
5.	200	114	314	48	78	126	99	139	238
6.	14	15	29	...	...	...	3	6	9
7.	25	29	54	52	102	154	82	176	258
8.	57	27	84	35	19	54	86	192	278
9.	184	107	291	216	228	444	71	121	192
10.	122	90	212	113	146	259	146	162	308
11.	160	114	274	125	133	258	158	262	420
12.	61	30	91	8	9	17	36	43	84
13.	83	64	147	51	50	101	102	105	207
14.	138	92	230	73	89	162	77	196	273
15.	104	97	201	412	450	862	78	157	235
16.	91	64	155	135	169	304	102	146	248
17.	43	26	69	13	15	28	54	32	86
18.	91	44	135	116	117	233	99	129	228
19.	110	95	205	78	106	184	68	79	147
20.	42	24	66	12	17	29	21	28	49
21.	108	60	168	103	100	203	75	163	238
22.	51	35	86	7	18	25	61	86	147
23.	175	74	249	93	105	198	125	236	361
24.	11	8	19	3	5	8	13	20	33
25.	102	53	155	19	22	41	69	151	220
26.	193	107	300	89	121	210	123	233	356
27.	144	96	240	159	179	338	136	195	332
28.	215	125	340	81	110	191	152	275	427
29.	90	43	133	24	28	52	108	105	213
30.	71	46	117	10	12	22	39	64	103
31.	72	35	107	11	1	12	76	115	191
32.	107	78	185	29	38	67	64	101	165
33.	87	70	157	41	38	79	58	89	147
34.	91	65	156	23	21	44	53	91	144
Tl.	3,280	2,095	5,375	2,310	2,680	4,990	2,624	4,148	6,772

PRIVATE SCHOOLS IN CHICAGO.

(Not including parochial.)

	Male.	Female.	Total.	Male.	Female.	Total.
Teachers.	Teachers.	Teachers.	Teachers.	Teachers.	Teachers.	Teachers.
High schools.	149	106	255	2,780	1,202	3,982
Elementary	27	93	120	973	839	1,813
Kindergartens	3	31	34	110	268	378
Business coll's	57	41	98	1,839	2,183	4,022
Law schools.	145	2	147	1,396	38	1,434
Medic'l schools	98	...	98	878	21	899
Other	435	160	595	8,612	5,093	13,705
Total	914	433	1,347	16,594	9,694	26,288

NUMBER OF TEACHERS.

May 2, 1912, there were 6,740 teachers in the public school system, 1,538 in the parochial schools and 1,347 in private schools (not parochial), business colleges, etc.

EPILEPTIC CHILDREN.

The school census enumerators found 291 epileptic children of school age, though the canvass was handicapped to some extent by the sensitiveness of parents who attempted to conceal the facts. The greater number of epileptics was found in the 33d, 17th, 22d, 16th and 29th wards.

BLIND, DEAF AND DUMB.

The enumerators found 259 blind children in the city, the greatest number being reported from the 8th, 3d and 26th wards. Deaf minors numbered 551, most of them being in the 32d ward. There were 210 mutes.

CRIPPLED CHILDREN.

The count showed 675 crippled children in the city. Of this number the 9th, 10th, 11th, 8th, 19th, 22d, 26th, 27th, 30th, 15th, 28th and 35th wards contributed the greater number.

ILLITERATES.

The census enumerators found only 157 children over 12 and under 21 years of age who were unable to read or write in any language. There were many who could not read or write in the English, but were able to read or write in some other language. In 1910 there were 401 illiterate minors.

WHERE DIFFERENT NATIONALITIES LIVE.

According to the school census of May 2, 1912, the different nationalities of Chicago are chiefly distributed throughout the wards (as now constituted) of the city as follows:

Americans—25th, 26th, 23d, 7th, 32d and 33d.
Germans—24th, 26th, 25th, 27th, 15th, 16th, 28th and 5th.
Poles—16th, 27th, 17th, 28th, 29th, 4th and 5th.
Italians—19th, 22d and 17th.
Irish—30th, 31st, 32d, 35th, 19th and 5th.
Russians—20th, 19th, 10th, 12th, 34th and 3d.
Bohemians—12th, 11th, 34th, 10th and 29th.
Hollanders—9th.
Austrians—20th, 17th and 29th.
Swedes—25th, 23d, 26th, 27th, 31st, 33d, 8th and 9th.
Norwegians—28th, 27th, 15th, 33d and 35th.
Lithuanians—29th, 4th and 5th.
Scottish and French—Scattered throughout city.
Negroes—30th, 14th, 2d and 3d.
*Born in America of American born parents.

RAILROAD TRACK ELEVATION.

[From report of Francis J. Owens, commissioner of track elevation.]

Ordinances have been passed by the city council and accepted by the railroad companies for the elevation of their roadbeds and tracks from May 23, 1892, to Dec. 31, 1912, covering the following amount of work:

Total number of miles of main tracks to be elevated, 131.
Total number of miles of all tracks to be elevated, 1,140.
Total number of subways to be constructed, 845.
Total estimated cost of the work, completed Dec. 31, 1911, \$70,321,000.
The amount of elevation done from May 23, 1892, to Dec. 31, 1912, was as follows:
Total number of miles of main tracks elevated, 140,422.
Total number of miles of all tracks elevated, 872.

Liquor and Drug Habits Quickly Cured



Former Residence of Marshall Field Jr.

Dr. Pine Drug Cure

Gatlin Liquor Cure

TELEPHONES { CALUMET 4543
AUTOMATIC 64-228

ESTABLISHED 1900

GATLIN INSTITUTE

DR. M. B. PINE, President.

1919 PRAIRIE AVENUE, CHICAGO

NOTABLE BUILDINGS IN CHICAGO.

Name, location, height in stories, height in feet and approximate cost given in order.

- Adams Express—115 South Dearborn street; 10; 140; \$450,000.
- Advertisers—123 West Madison street; 16; 209; \$350,000.
- American Trust and Savings Bank—Clark and Monroe streets; 18; 272; \$1,000,000.
- Art Institute—Michigan avenue and Adams street; 8; 75; \$600,000.
- Ashland—Clark and Randolph streets; 16; 200; \$1,500,000.
- Auditorium—Michigan avenue and Congress street; 11; 145 (to top of tower, 270); \$3,200,000.
- Auditorium Annex—Michigan avenue and Congress street; 11; 152; \$1,000,000.
- Auditorium Annex No. 2—528 South Michigan avenue; 13; 180; \$750,000.
- Barnheisel—616-622 Michigan avenue; 10; 150; \$350,000.
- Bedford—Adams and Dearborn streets; 14; 188; \$475,000.
- Blackstone Hotel—Michigan avenue and Hubbard court; 20; 220; \$1,500,000.
- Board of Trade—Jackson boulevard and LaSalle street; 9; 135; \$1,800,000.
- Borland—Monroe and LaSalle streets; 17; 239; \$630,000.
- Born—342-344 5th avenue; 12; 165; \$300,000.
- Born—523 South Franklin street; 10; 165; \$500,000.
- Boston Store—State street and Calhoun place; 12; 195; \$1,500,000; addition, 17; 260; \$1,000,000.
- Boyce—30 North Dearborn street; 12; 155; \$250,000.
- Brevort House—120 West Madison street; 12; 175; \$500,000.
- Brooks—315 Franklin street; 10; 142; \$330,000.
- Burlington—Jackson boulevard and Clinton street; 21; 260; \$1,500,000.
- Butler Brothers—Randolph and Canal streets; 14; 200; \$1,750,000.
- Cable—307 South Wabash avenue; 10; 140; \$350,000.
- Carson, Pirie, Scott & Co.—State and Madison streets; 12; 165; \$1,350,000.
- Caxton—506 South Dearborn street; 12; 150; \$270,000.
- Central Trust Bank—117 West Monroe street; 3; 75; \$250,000.
- Chamber of Commerce—LaSalle and Washington streets; 13; 190; \$1,000,000.
- Champaign—State and Madison streets; 15; 197; \$800,000.
- Chicago Athletic Association—12 South Michigan avenue; 10; 165; \$600,000.
- Chicago Athletic Association Addition—71 East Madison street; 13; 214; \$500,000.
- Chicago Opera House—Clark and Washington streets; 10; 130; \$600,000.
- Chicago Savings Bank—State and Madison streets; 14; 196; \$750,000.
- Chicago Title and Trust—69 West Washington street; 16; 210; \$600,000.
- Church—32 South Wabash avenue; 12; 150; \$300,000.
- City Hall—LaSalle street, between Randolph and Washington streets; 12; 247; \$5,000,000.
- City Hall Square—119-121 North Clark street; 20; 250; \$1,500,000.
- Columbia—Clark, near Madison; 11; 125; \$500,000.
- Columbus Memorial—State and Washington streets; 14; 251; \$800,000.
- Commercial National Bank—Clark and Adams streets; 18; 274; \$3,800,000.
- Congress Hotel—See Auditorium annex.
- Continental and Commercial National Bank—5th avenue and Adams street; 20; 260; \$4,500,000.
- Cook County Courthouse—Clark street, between Randolph and Washington streets; 12; 247; \$5,000,000.
- Corn Exchange National Bank—LaSalle and Adams streets; 16; 189; \$1,000,000.
- Counselman—LaSalle street and Jackson boulevard; 9; 145; \$325,000.
- Dexter—35 West Adams street; 8; 140; \$150,000.
- Dry Goods Reporter—Market and Quincy streets; 12; 150; \$130,000.
- Ellsworth—537 South Dearborn street; 14; 170; \$300,000.
- Fair—State and Adams streets; 11; 165; \$1,500,000.
- Farwell Trust—226 South LaSalle street; 12; 165; \$275,000.
- Federal Building—See postoffice.
- Federal Life—166 North Michigan avenue; 12; 175; \$400,000.
- Field, Marshall (retail)—State street, between Randolph and Washington streets; 12; 225; \$6,000,000.
- Field, Marshall (wholesale)—Adams street and 5th avenue; 8; 130; \$2,000,000.
- Field Warehouse—West Polk and Ellisworth streets; 13; 160; \$500,000.
- Flue A—115-110 South Michigan avenue; 10; 150; \$750,000.
- First National Bank—Dearborn and Monroe streets; 17; 257; \$3,000,000.
- Fisher—Dearborn and Van Buren streets; 20; 274; \$965,000.
- Fisk—Wabash avenue and South Water street; 13; 150; \$300,000.
- Fort Dearborn—Clark and Monroe streets; 12; 150; \$400,000.
- Gaff—230 South LaSalle street; 9; 145; \$275,000.
- Gage—18 South Michigan avenue; 12; 168; \$500,000.
- Gibbons—49 W. Jackson boulevard; 16; 200; \$398,000.
- Goddard—Wabash avenue and Monroe street; 13; 160; \$300,000.
- Grand Central Station—Harrison street and 5th avenue; 7; 212½ (to top of tower); \$1,000,000.
- Great Northern Hotel—Dearborn street and Jackson boulevard; 17; 176; \$900,000.
- Harris Trust and Savings Bank—111 West Monroe street; 21; 260; \$2,500,000.
- Hamilton Club—10 South Dearborn street; 10; 150; \$250,000.
- Hart, Schaffner & Marx—Franklin and Monroe streets; 12; 190; \$1,000,000.
- Hartford—Madison and Dearborn streets; 14; 165; \$1,000,000.
- Harvester—Michigan avenue and Harrison street; 15; 212; \$1,000,000.
- Heyworth—Madison street and Wabash avenue; 18; 286; \$1,500,000.
- Hibbard, Spencer, Bartlett & Co.—South Water and State streets; 10; 135; \$1,000,000.
- Hirsh, Wickwire & Co.—337 South Franklin street; 10; 114; \$500,000.
- Home Insurance—LaSalle and Adams streets; 12; 156; \$800,000.
- Hunter—Madison and Market streets; 12; 148; \$500,000.
- Illinois Athletic Club—112 South Michigan avenue; 12; 200; \$500,000.
- Illinois Central Station—Park row, near Michigan avenue; 13; 225 (to top of tower); \$1,000,000.
- Illinois Trust and Savings Bank—LaSalle street and Jackson boulevard; 2; 58; \$300,000.
- Insurance Exchange—Jackson boulevard and 5th avenue; 22; 260; \$4,000,000.
- Isabella—21 East Van Buren street; 10; 166; \$200,000.
- Kaiserhof Hotel—324 South Clark street; 9; 110; \$200,000.
- Karpen—Michigan avenue and Eldredge place; 12; 200; \$1,400,000.
- Kent—Franklin and Congress streets; 10; 140; \$500,000.
- Kesner—Madison street and Wabash avenue; 17; 226; \$850,000.
- Kling Bros. & Co.—411 South 5th avenue; 10; 150; \$250,000.
- Kohn—425 South Franklin street; 10; 150; \$300,000.
- Kuppenheimer—415 South Franklin street; 10; 150; \$350,000.
- Lake View—116 South Michigan avenue; 12; 200; \$250,000.
- Lakota—Michigan avenue and 30th street; 10; 140; \$750,000.
- LaSalle Hotel—LaSalle and Madison streets; 23; 260; \$3,500,000.
- LaSalle Street Station—Van Buren and LaSalle streets; 14; 192; \$2,500,000.
- Lees—19 South 5th avenue; 14; 165; \$400,000.
- Lexington Hotel—Michigan avenue and 22d street; 10; 130; \$750,000.
- Ludington—1104 S. Wabash avenue; 8; 112; \$275,000.
- Lytton—State street and Jackson boulevard; 18; 260; \$2,250,000.
- Majestic Theater—22 West Monroe street; 20; 240; \$1,000,000.



QUALITY METALS

THE BLATCHFORD

"NO. 1" STEREOTYPE METAL.

STAR STEREOTYPE METAL.

BLATCHFORD PERFECTION LINOTYPE METAL.

MONOTYPE METAL. AUTOPLATE METAL.

SPECIAL MIXTURES

THE CHICAGO DAILY NEWS.

CHICAGO, November 9, 1912.

Messrs. E. W. Blatchford Company,
230 North Clinton-st., City.

Gentlemen: We have used the Blatchford metals—stereotype, linotype and autoplate—continuously for many years, and with uniform satisfaction. We believe them to be unsurpassed in quality.

Very truly yours,

VICTOR F. LAWSON, Publisher.

Manufactured Exclusively by

E. W. Blatchford Company

CHICAGO

NEW YORK

Mallers—Wabash avenue and Madison street; 21; 260; \$1,500,000.	Rector—Clark and Monroe streets; 13; 175; \$700,000.
Mallers—226 South LaSalle street; 12; 175; \$275,000.	Reliance—State and Washington streets; 16; 200; \$500,000.
Mallers—Market and Quincy streets; 10; 150; \$200,000.	Republic—State and Adams streets; 19; 260; \$1,100,000.
Mandel—Wabash avenue and Madison street; 15; 226; \$2,000,000.	Rialto—140 West Van Buren street; 9; 144; \$700,000.
Manhattan—431 S. Dearborn street; 16; 208; \$700,000.	Rookery—LaSalle and Adams streets; 11; 165; \$1,500,000.
Marquette—Dearborn and Adams streets; 16; 229; \$1,000,000.	Rothschild—304 South State street; 8; 138; \$250,000.
Masonic Temple—State and Randolph streets; 21; 354 (to observation platform); \$3,000,000.	Royal Insurance—160 West Jackson boulevard; 13; 185; \$800,000.
Medinah Temple—5th avenue and Jackson boulevard; 12; 190; \$500,000.	Schiller—64 West Randolph street; 16; 211; \$750,000.
Mentor—State and Monroe streets; 16; 192; \$500,000.	Security—Madison street and 5th avenue; 14; 147; \$450,000.
Merchants' Loan and Trust Bank—Clark and Adams streets; 12; 157; \$1,000,000.	Sherman House—Clark and Randolph streets; 14; 200; \$2,500,000.
Monadnock—Dearborn and Van Buren streets; 16; 194; \$2,000,000.	Siegel, Cooper & Co.—State and Van Buren streets; 8; 123; \$1,250,000.
Monon—440 South Dearborn street; 12; 160; \$285,000.	Silversmiths—10 S. Wabash avenue; 10; 135; \$250,000.
Monroe—Michigan avenue and Monroe street; 14; 200; \$1,500,000.	Society Brand—Franklin and Congress streets; 13; 160; \$450,000.
Montgomery Ward—Michigan avenue and Madison street; 25; 394 (to top of tower); \$1,500,000.	Spitz & Schoenberg—529 South Franklin street; 10; 150; \$250,000.
McClurg—218 South Wabash avenue; 9; 125; \$200,000.	Star—538 South Dearborn street; 12; 150; \$250,000.
McCormick—Michigan avenue and Van Buren street; 20; 260; \$1,000,000; addition, 20; 260; \$1,500,000.	State and Quincy—State and Quincy streets; 21; 260; \$1,500,000.
McNeill—321 W. Jackson boulevard; 10; 140; \$250,000.	Steger—Wabash avenue and Jackson boulevard; 20; 250; \$800,000.
National Life—29 South LaSalle street; 12; 160; \$1,200,000.	Steinway—64 E. Van Buren street; 11; 188; \$280,000.
Newberry Library—Clark street and Walton place; 5; 70; \$350,000.	Stewart—State and Washington streets; 12; 145; \$300,000.
New York Life—LaSalle and Monroe streets; 14; 166; \$1,000,000.	Stock Exchange—LaSalle and Washington streets; 13; 173; \$1,250,000.
North American—State and Monroe streets; 20; 260; \$1,800,000.	Straus—Clark and Madison streets; 10; 141; \$250,000.
Northern Trust Bank—LaSalle and Monroe streets; 4; 74; \$500,000.	Studebaker—629 S. Wabash avenue; 10; 135; \$350,000.
Northwestern Railway (office)—226 West Jackson boulevard; 14; 212; \$2,000,000.	Tadema—Madison and LaSalle streets; 13; 165; \$500,000.
Northwestern Railway (terminal station)—West Madison and Canal streets; 3; 116; \$20,000,000 (including site).	Telephone—Washington, between 5th avenue and Market street; 20; 260; \$2,500,000.
Old Colony—Dearborn and Van Buren streets; 17; 203; \$900,000.	Temple—LaSalle and Monroe streets; 12; 185; \$1,000,000.
Orchestra Hall—216 South Michigan avenue; 8; 110; \$900,000.	Temple Court—219 South Dearborn street; 9; 100; \$300,000.
Otis—Madison and LaSalle streets; 18; 250; \$1,500,000.	Teutonic—Washington street and 5th avenue; 10; 130; \$500,000.
Palmer—267 West Adams street; 10; 140; \$450,000.	Theodore Thomas Hall—See Orchestra hall.
Palmer House—State and Monroe streets; 9; 100; \$3,500,000.	Transportation (Heisen)—Dearborn and Harrison streets; 22; 260; \$2,000,000.
Patten—Harrison and Sherman streets; 12; 168; \$450,000.	Tribune—Dearborn and Madison streets; 17; 244; \$1,500,000.
Peoples Gas—Michigan avenue and Adams street; 20; 260; \$3,000,000.	Trude—Wabash avenue and Randolph street; 14; 190; \$500,000.
Pontiac—Dearborn and Harrison streets; 14; 170; \$350,000.	Unity—127 North Dearborn street; 16; 208; \$800,000.
Pope—633 Plymouth court; 12; 160; \$290,000.	University Club—Michigan avenue and Monroe street; 9; 130; \$1,150,000.
Post—167 Washington street; 11; 154; \$225,000.	Van Buren—Van Buren street and 5th avenue; 10; 130; \$250,000.
Postal Telegraph—137-153 Van Buren street; 11; 150; \$800,000.	Venetian—15 E. Washington street; 13; 181; \$350,000.
Postoffice—Adams and Clark streets; 8; 300 (to top of dome); \$4,000,000.	Virginia—Ohio and Rush streets; 10; 150; \$500,000.
Powers—Wabash avenue and Monroe street; 13; 160; \$400,000.	Vogue—286-290 South 5th avenue; 10; 150; \$200,000.
Printers—Polk and Sherman streets; 8; 120; \$400,000.	Webster—127 South Market street; 10; 150; \$150,000.
Public Library—Michigan avenue, between Randolph and Washington streets; 3; 95; \$1,200,000.	Western Methodist Book Concern—14 West Washington street; 11; 123½; \$250,000.
Pullman—Adams street and Michigan avenue; 9; 125; \$800,000.	Western Union—111 West Jackson boulevard; 13; 176; \$700,000.
Railway Exchange—Michigan avenue and Jackson boulevard; 17; 220; \$1,600,000.	Westminster—Monroe and Dearborn streets; 16; 200; \$1,200,000.
Record-Herald—163 West Washington street; 7; 124; \$500,000.	Williams—205 West Monroe street; 10; 140; \$200,000.
	Wilson—528 South 5th avenue; 10; 150; \$500,000.
	Y. M. C. A.—19 South LaSalle street; 17; 260; \$1,000,000.
	The limit of height under a building ordinance passed Feb. 6, 1911, is 200 feet.

"CLOSED" HOURS ON BRIDGES OF CHICAGO.

Following are the hours when the bridges of Chicago are closed to river traffic: Bridges on the main river, on the south branch as far south as 12th street, and on the north branch to Kinzie street, 6:30 to 8:30 a. m. and 5 to 7 p. m.; on the

north branch from Kinzie to Halsted street, and on the south branch from 12th street to Halsted street, 6 to 7 a. m. and 5:30 to 6:30 p. m.; all other bridges from 6 to 7 a. m. and 6 to 7 p. m.

ANNEXATION OF MORGAN PARK INVALID.

The annexation of the village of Morgan Park to the city of Chicago at the election of April 4, 1911, was declared invalid in a decision of the Illinois State Supreme court June 21, 1912. It was held

that the presence within Morgan Park of the town of Calumet would result in the inclusion of unincorporated territory within the city, which was contrary to the statute.

WESTERN VAUDEVILLE MANAGERS' ASSOCIATION

MARTIN BECK, President
C. E. KOHL, Managing Director
M. C. ANDERSON, Vice-Pres.

THE MOST
PERFECTLY
EQUIPPED
INSTITUTION
OF ITS KIND

Serves with utmost satisfaction and extreme care
both performer and theater manager.

BOOKING THEATERS, FAIRS, PARKS AND CABARETS

In All Principal and Small Cities in the West—
Offering the Performer

25
States

52 Consecutive Solid Weeks

300
Theaters

Conservative and Consistent Routing—Theater Managers
Assured Best Balanced Shows

TO CLUB SECRETARIES:

WE FURNISH TALENT FOR
FAIRS, CLUBS, BANQUETS AND
PRIVATE PARTIES. FULL LIST
OF AVAILABLE MATERIAL
MAILED ON REQUEST. ADDRESS
CLUB DEPT.

SPECIAL FEATURE ATTRAC-
TIONS FOR OUTDOOR AMUSE-
MENTS, INCLUDING CARNIVALS,
STATE FAIRS, ETC. WORLD'S
FOREMOST ATTRACTIONS TO
SELECT YOUR PROGRAM FROM.

Address All Communications to

WESTERN VAUDEVILLE MANAGERS' ASSOCIATION

Occupying Three Entire Floors
Especially Adapted for the Booking Business

MAJESTIC THEATER BUILDING, CHICAGO

Private Exchange Telephone All Randolph 5173
Private Postal and Western Union Telegraph Wires

CHICAGO PARKS AND BOULEVARDS.

LINCOLN PARK SYSTEM.

Commissioners (Appointed by Governor with Consent of Senate)—Leo Austrian, F. H. Gansberger, Bryan Lathrop, Amos Pettibone, Francis T. Simmons, Frederick L. Wilk, Charles H. Wilson. Officers—Francis T. Simmons, president; Bryan Lathrop, vice-president; Frederick L. Wilk, auditor; Theodore Freeman, treasurer; M. H. West, superintendent and secretary; A. S. Lewis, assistant superintendent and secretary; C. A. Churran, attorney.

Office—In Academy of Sciences, Lincoln park, Clark and Center streets.

The Lincoln park district consists of the towns of North Chicago and Lake View, with Fullerton avenue as the dividing line, and is bounded on the north by Devon avenue, on the south by the Chicago river and extends from Lake Michigan on the east to the north branch of the river and North Western avenue on the west.

The area of the Lincoln park district is 12.64 square miles. The total area of the parks and boulevards is 699.94 acres, with 9.33 miles of boulevards.

Lincoln Park—Lincoln park, previously known as Lake park, began its history under its present name by resolution passed by the common council of Chicago under date of June 8, 1865. The park proper is 317 acres in extent and extends from Diversey boulevard to Oak street along the lake front. To this 235 acres of land is being added by filling in Lake Michigan north of Diversey boulevard. This extension will contain a seventy-acre yacht harbor and will have bathing facilities.

The park contains a large floral department, also an extensive zoological garden containing about 1,700 animals. Boating and bathing facilities are furnished and the park lagoon—one mile in length—gives an admirable course for racing. The Academy of Sciences is located in the park at the foot of Center street. This building was erected in 1893 and contains about 250,000 specimens. It is noted for its collection of local natural history specimens and for its complete collection of mollusks.

The park has provided facilities for outdoor games during both the winter and summer seasons.

Stanton Park—At Vedder, Vine and Rees streets; area 5 acres.

Lake Shore Playground—Area 9.160 acres; is situated between Pearson street and Chicago avenue, extending from the Chicago avenue pumping works to the lake. This park is fitted up as a playground, containing a shelter house, refectory, with outdoor gymnasium apparatus.

Seward Park—Contains 1.73 acres; is fitted with outdoor and indoor gymnasium and has a field-house which contains reading rooms, assembly hall, clubrooms, restaurant, a branch of the public library and facilities for gymnastic work and aquatic sports.

Hamlin Park—Wellington and Robey streets; area 10 acres; is fully equipped with fieldhouse and out-of-door gymnasium facilities.

Welles Park—Western avenue and Montrose boulevard; area 10 acres.

LENGTH OF NORTH SIDE BOULEVARDS.

In miles and fractions of miles.

Dearborn parkway, 123.	North avenue, .450.
Diversey parkway, 2.356.	Lincoln park, west, .450.
Fullerton parkway, .510.	North Shore, .886.
Garfield avenue, .030.	Ohio, .682.
Lake Shore drive, .745.	Sheridan road, 2.148.
Lake View, .490.	North State parkway, .123.
Lincoln parkway, .539.	

SOUTH PARKS.

Commissioners (appointed by Circuit court judges)—Henry G. Foreman, Charles L. Hutchinson, Joseph Donnersberger, Edward Tilden, John Barton Payne.

Officers—John Barton Payne, president; Joseph Donnersberger, auditor; George M. Reynolds, treasurer; John F. Neil, secretary; Robert Redfield, attorney; J. F. Foster, general superin-

tendent; E. O. Greifenhagen, superintendent of employment.

Offices—In Washington park, 57th street and Cottage Grove avenue.

The south park district is bounded on the north by the Chicago river and the Illinois and Michigan canal, east by Lake Michigan and the state of Indiana, south by 87th street and 138th street and west by South 48th avenue and State street.

The area of the south park district is 92.6 square miles; population is in excess of 600,000. The total area of parks is 2,043.98 acres and of parks and boulevards 2,494.59 acres, consisting of twenty-four parks and 32.98 miles of boulevards—3¼ acres of park to each 1,000 inhabitants. The following is a list of the parks and boulevards:

Jackson Park—Area 542.89 acres; bounded on the north by 56th street, east by Lake Michigan, south by 67th street and west by Stony Island avenue; this park is provided with facilities for boating, rowboats and launches, has two golf courses, one of nine holes and the other of eighteen holes with golf shelter, lockers and showers for both men and women; it has baseball and football fields, tennis courts, refectory, beach bathing, music court, the Field museum of natural history occupying the World's Fair art building located in the northern part of the park, and in the winter skating is provided.

Washington Park—Area 371 acres; bounded on the north by 51st street, east by Cottage Grove avenue, south by 60th street, west by South Park avenue; has the same accommodations for the public as Jackson park except the golf facilities and the museum and in addition has croquet courts, archery range, horse speedway, accommodations for fly casting, wading pool and sand court for children and a house for the game of curling.

Marquette Park—Area 322.68 acres; bounded on the north by 67th street, east by California avenue, south by 71st street and west by the Grand Trunk Western railroad. The east 80 acres have been improved. It has ball fields and tennis courts and skating in the winter.

Grant Park—Area 206.14 acres; bounded on the north by Randolph street, east by Lake Michigan, south by Park row, west by Michigan avenue. This park is under construction. Temporary provision is made for athletic work in the northern part of the park. The Logan monument and the Art institute are located in this park.

Midway Plaisance—The connecting way between Washington and Jackson parks; bounded on the north by 59th street, east by Stony Island avenue, south by 60th street, west by Cottage Grove avenue. Has tennis courts and in the winter skating and hockey.

McKinley Park—Area 74.88 acres; bounded on the north by 37th street and Archer avenue, east by Robey street, south by 39th street, west by Western Avenue boulevard. Has swimming pool, outdoor gymnasiums for men and women, tennis courts, ball field, children's playground, wading pool and skating in the winter. Improvements not entirely completed.

Gage Park—Area 20 acres; situated at the intersection of Western avenue and 55th street. Has wading pool, ball field and tennis courts.

Sherman Park—Area 60.60 acres; bounded on the north by 52d street, east by Center avenue, south by Garfield boulevard, west by Loomis street. Has recreation buildings which include an assembly hall used by the people free of charge for various entertainments, clubrooms for meetings of the various clubs of the community, reading room supplied with periodicals by the park commissioners, lunchroom, gymnasiums for men and for women, shower and plunge baths and locker rooms. There are also outdoor gymnasiums for men and women, playground for children, wading pool and swimming pool with the necessary dressing booths. Provision is made for baseball, football, tennis and boating. There is also a band stand under which concerts are given during the summer every Sunday evening. Also skating in the winter.

GEORGE E. MARSHALL, Pres.

J. HARRY JONES, Treas.

LOUIS T. MARSHALL, Sec.

Marshall - Jackson Company

STATIONERS, PRINTERS ENGRAVERS

MARJAX LOOSE LEAF LEDGERS



FILING APPLIANCES
CABINET SUPPLIES
SECTIONAL BOOKCASES

ENGRAVING OF BONDS, STOCK CERTIFICATES, LETTERHEADS, Etc.

24 and 26 S. Clark Street, Chicago

Telephones { Central 664.
Automatic 32471.

Ogden Park—Area 60.56 acres; bounded on the north by 64th street, east by Center avenue, south by 67th street, west by Loomis street. The same facilities for recreation and pleasure are provided as in Sherman park, except lunch counter.

Palmer Park—Area 40.48 acres; bounded on the north by 111th street, east by South Park avenue, south by 113th street, west by Indiana avenue. The same facilities for recreation and pleasure are provided as in Sherman park, except boating and lunch counter.

Hamilton Park—Area 29.95 acres; bounded on the north by 72d street, east by C., R. I. & P. railway, south by 74th street, west by C. & W. I. railway. The same facilities for recreation and pleasure are provided as in Sherman park, except swimming pool and boating.

Bessemer Park—Area 22.83 acres; bounded on the north by 89th street, east by Muskegon avenue, south by 91st street, west by South Chicago avenue. The same facilities as Sherman park except lunch counter and boating.

Mark White Square—Area 10 acres; bounded on the north by 29th street, east by Halsted street, south by 30th street, west by Poplar avenue. The same facilities as Sherman park except boating and lunch counter.

Armour Square—Area 10 acres; bounded on the north by 33d street, east by 5th avenue, south by 34th street, west by Shields avenue. The same facilities as Sherman park except boating.

Cornell Square—Area 10 acres; bounded on the north by 50th street, east by Lincoln street, south by 51st street, west by Wood street. The same facilities as Sherman park except boating and lunch counter.

Davis Square—Area 10 acres; bounded on the north by 44th street, east by Marshfield avenue, south by 45th street, west by Hermitage avenue. The same facilities as Sherman park except boating.

Russell Square—Area 11.47 acres; bounded on the north by 83d street, east by Bond avenue, south by Illinois avenue, west by Houston avenue. The same facilities as Sherman park except boating and lunch counter.

Calumet Park—Area 66.19 acres; bounded on the north by 95th street, east by Lake Michigan, south by 102d street, west by Avenue G and a line about 50 feet east of C. L. S. & E. railway. Has not yet been improved, but a bathing beach is maintained there during the summer with suitable dressing booths and provision is made for baseball, football and tennis, and skating in the winter.

Hardin Square—Area 7.41 acres; bounded on the north by 25th street, east by the Rock Island right of way, south by 26th street, west by Westworth avenue. Not yet improved. Provision for baseball and football.

No. 4 Square—Area 10 acres; bounded on the north by 45th street, east by Princeton avenue, south by 46th place, west by Stewart avenue; now being improved with same facilities as Sherman park in a more extensive form.

No. 15 Park—Area 19.16 acres; bounded on the north by 76th street, east by Dobson avenue, south by 78th street, west by Ingleside avenue. Not yet improved.

No. 16 Park—Area 18.52 acres; bounded on the north by 103d street, east by Bensley avenue, south by 105th street, west by Oglesby avenue. Not yet improved.

No. 17 Park—Area 20 acres; bounded on the north by 130th street, east by Carondelet avenue, south by 132d street, west by Exchange avenue. Not yet improved.

No. 18 Park—Area 20.19 acres; bounded on the north by 90th street, east by St. Lawrence avenue, south by 91st street, west by South Park avenue. Not yet improved.

Michigan Avenue Boulevard—80 to 100 feet wide; from Garfield boulevard to Randolph street.

Garfield Boulevard—200 feet wide; from South Park avenue to Western Avenue boulevard on the line of 55th street.

Western Avenue Boulevard—200 feet wide; a strip of land east of and adjoining the center line of Western avenue from the Illinois and Michigan canal to 55th street (Garfield boulevard).

Grand Boulevard—193 feet wide; on the line of South Park avenue from 35th to 51st street.

Drexel Boulevard—200 feet wide; first street east of Cottage Grove avenue and extending from Oakwood boulevard to 51st street.

Prairie Avenue—66 feet wide; the street of that name from 16th to 29th street.

South Park Avenue—66 feet wide; being the street of that name between 35th and 29th streets.

Jackson Street—66 feet wide; being the street of that name extending from Michigan avenue to the south branch of the Chicago river.

Oakwood Boulevard—100 feet wide; the first street south of 39th street between Grand boulevard and Cottage Grove avenue.

Thirty-Third Street—66 feet wide; being the street of that name between Michigan avenue and South Park avenue.

Sixteenth Street—50 feet wide; being the street of that name between Michigan avenue and Prairie avenue.

Twenty-Ninth Street—66 feet wide; being the street of that name between Prairie avenue and South Park avenue.

Fifty-Seventh Street—100 feet wide; being the street of that name between the I. C. railroad right of way and the west line of Jackson park.

Sixty-Sixth Street—66 feet wide; being the street of that name from Jackson park to Vincennes avenue.

Vincennes Avenue—66 feet wide; from 66th street to 67th street.

Sixty-Seventh Street—66 feet wide; being the street of that name from Vincennes avenue to California avenue.

Normal Avenue—66 feet wide; from Garfield boulevard to 72d street.

Loomis Street—66 feet wide; being the street of that name from Garfield boulevard to 67th street.

Hyde Park Boulevard—100 feet wide; being that part of 51st street between Drexel avenue and East End avenue.

East End Avenue—85 feet wide; being the street of that name from 51st street to Jackson park.

Yates Avenue—100 feet wide; being the street of that name from Jackson park to 71st street.

Seventy-First Street—100 feet wide; being the street of that name from Yates avenue to Bond avenue.

Bond Avenue—66 feet wide; being the street of that name from 71st street to 83d place.

WEST CHICAGO PARKS.

Commissioners (Appointed by Governor with Consent of Senate)—John F. Smulski, Frederick W. Dreckman, John P. Hoyland, William Kolacek, William C. Eggert, Joseph A. O'Donnell, Addison E. Wells.

Officers—William Kolacek, president; William C. Eggert, auditor; Bernard A. Eckhart, treasurer; George A. Mugler, secretary; John M. Dingman, assistant secretary; Jens Jensen, consulting landscape architect; Alfred C. Schrader, superintendent and engineer; Charles B. Pavlicek, attorney.

Offices—In Union park, Lake street and Ashland boulevard.

The west park district comprises all that part of the town of West Chicago lying between the Illinois and Michigan canal and the Chicago river and the following described lines: Beginning at the north branch of the Chicago river at Belmont avenue, thence west to North Kedzie avenue, thence south along Kedzie avenue to North avenue, thence west along North avenue to North 60th avenue, thence south along 60th avenue to 12th street, thence east along 12th street to South 46th avenue, thence south along South 46th avenue to West 39th street, thence east along 39th street to the Illinois and Michigan canal.

The area of the west park district is 35.5 square miles; population is about 872,000. The total area of parks and boulevards is 1,035.45 acres, consisting of thirteen parks and twenty-five miles of boulevard—0.72 acre of park to each 1,000 inhabitants. Area of parks, 629.28 acres. The following is a list of the parks and boulevards:

Humboldt Park—Area 205.86 acres; bounded on the north by West North avenue, east by California and Sacramento avenues, south by Division and Augusta streets and west by Kedzie

OUTDOOR ADVERTISING

Painted Displays

Spectacular Electric Displays

Commercial Signs

Pre-eminently in position to plan, produce and maintain to your complete satisfaction anything from the simplest sign to the most elaborate painted wall or spectacular night display—anywhere

BRANCHES:

Buffalo

New Orleans

Louisville

Indianapolis

Milwaukee

Omaha

Rochester

St. Louis

Kansas City

Oklahoma City

Eastern Office, Flat Iron Building, New York City

Thos. Cusack Company

CHICAGO

Phone All Departments, Canal 1325

avenue; has rose garden with pergola and garden hall and fountains; refectory building, also a pavilion and boat landing, music court, a wading pool and shelter building for children; is provided with facilities for boating, has baseball diamonds and tennis courts and in winter skating and tobogganing are provided.

Garfield Park—Area 127.53 acres; bounded on the north by Kinzie and Lake streets, east by Central Park avenue and Homan avenue, south by Madison street and Colorado avenue and west by Hamilton avenue. Has a new conservatory, the largest in the country; refectory building, boat landing and pavilion, music court and band stand, water courts with fountain, basin and extensive flower gardens. Has a golf course with fieldhouse containing lockers for men and women; also has tennis courts and facilities for fly casting, and in winter skating, tobogganing and curling facilities are provided.

Douglas Park—Area 181.99 acres; bounded on the north by West 12th street, east by California avenue, south by 15th street and west by Albany avenue. Has refectory building, boat landing and pavilion, music court, flower gardens, outdoor gymnasium and natatorium with swimming pools, shower baths and dressing rooms for men and women. Facilities are provided for baseball, boating and lawn tennis, and in winter skating and tobogganing.

Union Park—Area 17.37 acres; bounded on the north by Lake street, east by Ogden avenue and Bryant place, south by Warren avenue and west by Ashland boulevard. In this park the offices of the West Chicago park commissioners are located. In winter facilities for skating are provided.

Jefferson Park—Area 7.02 acres; bounded on the north by Monroe street, east by Throop street, south by Adams street and west by Loomis street.

Vernon Park—Area 6.14 acres; bounded on the north by Macalister place, east by Centre avenue, south by Gilpin place and west by Loomis street.

Wicker Park—Area 4.03 acres; bounded on the north and east by Park street, south by Fowler street and west by Robey street.

Holstein Park—Area 1.94 acres; bounded on the north by Elm street, south by Hamburg street and located one block east of Western avenue. Has an outdoor gymnasium and play field and shelter building, and in winter skating is provided.

Campbell Park—Area 1.38 acres; a strip of land 100 feet wide lying between Oakley boulevard and Leavitt street and one block north of Polk street.

Shedd's Park—Area 1.13 acres; located at 23d street and Millard avenue, opposite Lawndale station of the Chicago, Burlington & Quincy Railway company.

Small Park No. 1—Area, 3.125 acres; bounded on the north by Cornell street, east by Chase street, south by Chicago avenue and west by Noble street. A fieldhouse has been provided containing gymnasium and shower baths for men and women, lockers, library, reading room and assembly hall; also an outdoor swimming pool with shower baths and dressing rooms for men and women. An outdoor gymnasium for men and women, play field with wading pool and sand courts for children and tennis courts and ball grounds have been provided; also skating in the winter.

Small Park No. 2, containing 2.89 acres, bounded on the north by Barber street, east by Jefferson street, south by 14th place and west by Union street, has been completed by the west park board. In this park the same facilities for recreation and pleasure are provided as in the small parks and playgrounds mentioned above.

Small Park No. 3—Area, 3.85 acres; bounded on the north by 20th street, east by Fisk street, south by 21st street and west by May street. The same facilities for recreation and pleasure are provided as in the small park No. 1.

Humboldt boulevard, 2.94 miles long, 100 feet to 400 feet wide, from Diversey boulevard bridge to Humboldt park, connecting the west park system with the Lincoln park system on the north, has

been renamed for house-numbering purposes as follows:

Logan Boulevard—From the Diversey boulevard bridge to North Kedzie boulevard.

North Kedzie Boulevard—From Logan boulevard to Palmer square.

Palmer Square—From North Kedzie boulevard to Humboldt boulevard.

Humboldt Boulevard—From Palmer square to Humboldt park.

Franklin boulevard, 1.5 miles long, 250 to 400 feet wide, connecting Humboldt and Garfield parks, has been renamed for house-numbering purposes as follows:

North Sacramento Boulevard—From Humboldt park south to Franklin boulevard.

Franklin Boulevard—West from North Sacramento boulevard to North Central Park boulevard.

North Central Park Boulevard—South from Franklin boulevard to Garfield park.

Douglas boulevard, 1.63 miles long, 250 feet wide, connecting Garfield and Douglas parks, has been renamed for house-numbering purposes as follows:

Independence Boulevard—South from Garfield park to Douglas boulevard.

Douglas Boulevard—East from Independence boulevard to Douglas park.

Marshall boulevard, 2.17 miles long, 250 feet wide, from Douglas park to the Illinois and Michigan canal, connecting the west park system on the south with the south park system at Western avenue, has been renamed for house-numbering purposes as follows:

Marshall Boulevard—From Douglas park south to West 24th boulevard.

West 24th Boulevard—East from Marshall boulevard to South California boulevard.

South California boulevard—From West 24th boulevard south to West 31st boulevard.

West 31st Boulevard—From South California boulevard east to South Western Avenue boulevard.

South Western Avenue Boulevard—South from West 31st boulevard to the Illinois and Michigan canal.

Washington boulevard, 6.31 miles long, from 66 to 100 feet wide, from Canal street west to the city limits through Union park and Garfield park, a continuation of Washington street on the south side, has been renamed for house-numbering purposes West Washington boulevard.

Jackson boulevard, 2.94 miles long, from 66 to 80 feet wide, from the Chicago river west to Garfield park, a continuation of Jackson boulevard on the south side, has been renamed for house-numbering purposes West Jackson boulevard.

Ashland boulevard, 1.26 miles long, 100 feet wide, from Lake street south to 12th street, has been renamed for house-numbering purposes as follows:

North Ashland Boulevard—From West Lake street south to West Madison street.

South Ashland Boulevard—South from West Madison street to West 12th boulevard.

Twelfth Street boulevard, 0.93 mile long, 70 feet wide, from Ashland boulevard to the intersection of Oakley and Ogden boulevards, a continuation of West 12th street, has been renamed for house-numbering purposes West 12th boulevard.

Ogden boulevard, 0.74 mile long, from 70 to 112 feet wide, from the intersection of Oakley boulevard and West 12th boulevard through Douglas park.

Central Park avenue, 0.33 mile long, 80 feet wide, from West Madison street to Colorado avenue, along the east side of Garfield park, has been renamed for house-numbering purposes South Central Park boulevard.

Oakley boulevard, 1.10 miles long, from Washington boulevard to the intersection of West 12th boulevard and Ogden boulevard, has been renamed for house-numbering purposes as follows:

North Oakley Boulevard—South from West Washington boulevard to West Madison street.

South Oakley Boulevard—South from West Madison street to West 12th boulevard.

EMIL G. SCHMIDT, President.

EDWARD J. WERNER, Secretary and Treasurer.



COUNTY TRACTION COMPANY

1812 HARRIS TRUST BUILDING
CHICAGO, ILL.

O. H. BERND, Auditor.

F. C. CHAMBERS, General Superintendent.

Homan avenue, 0.25 mile long, from West Lake street to West Madison street, along the east side of Garfield park, has been renamed for house-numbering purposes North Homan boulevard.

Sacramento avenue, 1.59 miles long, from Franklin boulevard to Douglas park, has been renamed for house-numbering purposes as follows:

North Sacramento Boulevard—From Franklin boulevard south to West Madison street.

South Sacramento Boulevard—From West Madison street south to Douglas park.

SMALL PARKS AND PLAYGROUNDS.

Special Park Commission (appointed by the mayor)—Aldermen A. W. Beilfuss, Henry P. Bergen, Henry D. Captain, J. Edward Clancy, E. F. Cullerton, John Haderlein, George F. Harding, Jr., Irwin R. Hazen, Charles Martin, Frank McDonald, William F. Schultz and J. P. Stewart; Charles E. Bock, Frank P. Danisch, Joseph Donnersberger, Paul Drzymalski, Cyril Fiala, Peter S. Goodman, Jens Jensen, William Kolacek, George Landau, Abraham M. Liebling, F. A. Lindstrand, Oscar F. Mayer, Dr. James B. McFatrach, the Rev. Julius Rappaport, Charles F. L. Richter, Samuel J. Rosenblatt, Francis T. Simmons.

Secretary—Walter Wright.

Superintendent of Parks—J. H. Prost.

Superintendent of Playgrounds and Bathing Beaches

—Theodore A. Gross.

Office of Commission—1004 city hall.

The special park commission is appointed by the mayor by authority of the city council. It has charge of a number of small parks and squares which are under the immediate jurisdiction of the city, and it also conducts several bathing beaches on the lake shore and a number of municipal playgrounds. The parks are provided with ornamental and drinking fountains, wherever it is practicable, lagoons, swings, tennis courts and landscape and other features according to circumstances. The playgrounds are provided with play apparatus, athletic fields, baseball diamonds, basket-ball courts, skating ponds, drinking fountains, running tracks, gymnastic apparatus and buildings containing toilet rooms, offices, sand courts and roofed platforms. The bathing beaches are provided with bathhouses containing dressing rooms, lockers, checkrooms, washrooms, toilets and office.

In 1910 the city appropriation was \$4,290 for administration, \$62,452 for parks, \$56,756 for playgrounds, \$6,345 for city forester and \$4,069 for bathing beaches.

Following is a list of the small parks, playgrounds and bathing beaches in charge of the special park commission, with the area of the parks in acres. Two parks maintained privately are included in the list and are so described:

Adams Park—75th place, 76th street and Dobson avenue; $\frac{1}{2}$.

Aldine Square—Vincennes avenue, 37th place and alley north of 38th place; $\frac{1}{4}$.

Amy L. Barnard Park—105th street, between Longwood boulevard and Walden parkway; $\frac{1}{4}$.

Arbor Rest—Chestnut, Rush and Cass streets; $\frac{3}{4}$.

Arcade Park—11th place, 12th street, Morse avenue and Watt avenue; $\frac{7}{8}$.

Archer Point—Archer avenue, 20th street and Dearborn street; $\frac{1}{8}$.

Auburn Park—Normal, Stewart and Hawthorne avenues.

Austin Park—Waller avenue, Northwestern railway, Austin avenue and Lake street; $\frac{4}{5}$.

Belden Avenue Triangle—North Clark street, Sedgwick street and Belden avenue; $\frac{1}{8}$.

Bickerdike Square—Ohio street, Bickerdike street, Ashland place and Armour place; $\frac{1}{4}$.

Blackstone Point—Lake avenue, Washington avenue and 49th street; $\frac{1}{8}$.

Buena Circle—Buena avenue and Kenmore avenue; $\frac{1}{2}$.

Buena Terrace—Sheridan road, Evanston avenue and Buena terrace.

Colorado Point—Colorado avenue, Monroe street and Francisco avenue; $\frac{1}{8}$.

Columbus Circle—Exchange avenue, South Chicago avenue and 92d street.

Congress Park—Van Buren street, Rockwell street, Harrison street and Washtenaw avenue; $\frac{3}{4}$.

DeKalb Square—Lexington street, Hoyne avenue, Flournoy street and DeKalb street; $\frac{3}{4}$.

Dickinson Park—North 50th avenue, Dickinson avenue and Belle Plaine avenue; $\frac{1}{4}$.

Douglas Monument Park—Woodland park, Illinois Central, 35th street and alley west of railroad; 3.

East End Park—East End avenue, 51st street, 53d street and the lake; 10.

Eldred Grove—North 54th avenue, Norwood Park avenue, 53d avenue and Northwestern railway; 1.

Ellis Park—36th street, Langley avenue, 37th street and Elmwood court; 4.

Eugenie Triangle—Eugenie street, North Clark street and LaSalle avenue; $\frac{1}{8}$.

Fernwood Park—103d street, 95th street, Stewart avenue and Canal street; 8.

Gage Farm and Nursery—22d street, 26th street, west of Oak Park avenue; 240 acres.

Green Bay Triangle—North State street, Rush street and Bellevue place; $\frac{1}{8}$.

Gross Park—Otto street, North Paulina street, School street, Ravenswood avenue; $\frac{1}{2}$.

Groveland (private)—Cottage Grove avenue, 34th street and Illinois Central railway; $\frac{3}{8}$.

Harding Avenue Parkway—West Byron and West Addison streets and Springfield and North 40th avenues.

Holden Park—Lake street, Indiana street, Central avenue and Park avenue; 4.

Independence Square—West 14th street and Hamilton avenue; $\frac{3}{8}$.

Irving Park—Irving Park boulevard, Northwestern railway, near 42d avenue; $\frac{1}{2}$.

Kedzie Park—Kedzie avenue, between Palmer place and North avenue; 2.

Kinzie Parkway—Kinzie street, between 52d avenue and Willow avenue; $\frac{1}{4}$.

Lakewood Point—Greenwood avenue, Lake avenue and 43d street; $\frac{1}{2}$.

Lily Gardens, The—Lowe avenue, Chicago & Western Indiana railroad, 71st and 73d streets; 3.

Merrick Park—Pine avenue, Willow avenue, Indiana street and Kinzie street; $\frac{6}{8}$.

Midway, The—Midway, between Waller and Austin avenues; $\frac{1}{2}$.

Montrose Point—Montrose avenue, Sheridan road and Evanston avenue.

Mulberry Point—Crescent avenue, Ceylon avenue and Mulberry avenue; $\frac{3}{8}$.

McKenna Triangle—38th street, Archer avenue and Campbell avenue.

Normal Park—47th street, 69th street, Lowe avenue and Western Indiana railroad; $\frac{2}{3}$.

Norwood Circle—Hobart avenue, Colfax place and Circle avenue; $\frac{2}{3}$.

Oak Park—Oak, Rush and State streets; $\frac{1}{2}$.

Oakland Park—Lake avenue, 39th street and Illinois Central road; $\frac{3}{4}$.

Ogden Arrow—North Clark street, Wells street and Ogden front; $\frac{3}{8}$.

Patterson Park—Leavitt, Boone and DeKalb streets; $\frac{3}{4}$.

Pullman Park—11th street and place, Cottage Grove avenue and Morse avenue; $\frac{3}{8}$.

Rice Triangle—Grand avenue and Western avenue; $\frac{1}{8}$.

Rocky Edge—Lake Michigan and 79th street; $\frac{3}{4}$.

Railway Gardens—Avondale and Ceylon avenues, south of Northwestern railroad; also on Norwood Park avenue, north of Northwestern railroad; $\frac{2}{3}$.

Roberts Square—Winnemac avenue, North 52d avenue, Argyle avenue and North 53d avenue; 5.

Rutherford Park—Humboldt, North 69th and North 68th avenues; $\frac{4}{5}$.

Sacramento Avenue Parking—Sacramento avenue, 26th street and House of correction; $\frac{3}{8}$.

Sayre Park—69th avenue, West Belden avenue, 68th court and Humboldt avenue; $\frac{3}{4}$.

Schenbrofen Place—Canal street, Canalport avenue and 18th street; $\frac{1}{2}$.

Washington Square—North Clark street, Walton place, Dearborn avenue and Washington place; 3.

Winnemac Avenue Park—Robey street, Winnemac avenue, Foster avenue and Clay street; 40.

Woodland Park (private)—Cottage Grove avenue, Illinois Central road, between 34th and 35th streets; $\frac{3}{4}$.

IDEAL INDUSTRIAL POWER

Is readily realized by the use of
ALTERNATING CURRENT MOTORS
operating on the mains of the

COSMOPOLITAN ELECTRIC COMPANY

Our Lighting and Power Service covers the territory south of Jackson and west of Michigan Boulevard. It is ALMOST CERTAIN that within this territory we have, at least, one consumer engaged in just your line of business, whatever that may be; and it is ABSOLUTELY CERTAIN that if we ever had him WE STILL HAVE HIM.

LOW RATES—PERFECT SERVICE

Engineering work and estimates furnished free upon request. Address

General Contract Agent,

COSMOPOLITAN ELECTRIC COMPANY

122 SO. MICHIGAN BLVD.

Phones: Randolph 3341—Automatic 62-144.

UNIMPROVED.

Avondale Park—Avondale avenue, North Avers avenue and Addison street.
 Crescent Park—Crescent road, Prescott avenue, Ormonde avenue and Grassmere road; 8.
 Dauphin Park—87th street, Illinois Central line, 91st street and Dauphin avenue; 5½.
 Governor's Parkway—North St. Louis avenue, North Homan avenue and West Kinzie street.
 Higgins Road Triangle—Milwaukee avenue and Higgins road.
 Kosciusko Triangle—Kosciusko avenue, between Milwaukee avenue and North 62d avenue; ¾.
 Myrtle Grove—Hobart avenue, Myrtle avenue and Grant place; 1½.
 Parkway—In center of Canal street, between West 43d street and West 44th street.
 Parkway—In North Avers avenue, bounded by North Springfield avenue, Northwestern railroad, North Hamlin avenue and West Addison street.
 Tract fronting on Montgomery avenue, west of Rockwell street and North of West 42d street.
 Triangle at West Belmont avenue, Elston avenue and California avenue.
 Triangle at West 69th street, Vincennes avenue and Lafayette avenue.
 Triangle at Blue Island avenue, 16th street and Throop street.

MUNICIPAL PLAYGROUNDS.

Names, location and dimensions of the municipal playgrounds in Chicago:
 Corkery—43d avenue and 25th street.
 George E. Adams—Seminary avenue, south of Center street; 102 by 288 feet.
 Audubon—Hoyne avenue, Cornelia avenue and Hamilton avenue; 125 by 165 feet.
 Holden—Bonfield street, near West 35th; 696 by 116 feet.
 Commercial Club—West Chicago avenue, near Lincoln street; main ground, 200 by 125 feet; annex, 120 by 123 feet.
 John B. Drake—Calumet avenue, between 26th and 28th streets; 147 by 181 feet.
 Mosely—Wabash avenue and 24th street; 200 by 200 feet.
 McLaren—West Polk street, near Laflin; 175 by 183 feet.
 Northwestern Elevated—Alaska and Larrabee streets; 90 by 350 feet.

CHICAGO REAL-ESTATE TRANSFERS.

Year.	No. sales.	Consid. eration.	Year.	No. sales.	Consid. eration.
1895....	15,802	\$114,597,724	1904....	24,450	\$102,870,570
1896....	14,022	91,022,602	1905....	28,940	139,601,896
1897....	13,924	101,195,313	1906....	31,562	141,342,020
1898....	13,358	93,100,276	1907....	26,380	131,982,811
1899....	14,336	108,210,111	1908....	29,321	133,325,630
1900....	14,356	97,917,999	1909....	32,821	140,908,512
1901....	15,871	100,664,279	1910....	30,058	155,464,769
1902....	18,063	111,441,112	1911....	37,615	154,320,911
1903....	19,880	107,680,304	1912....	35,780	149,841,353

*First ten months.

TORENS SYSTEM.

TRANSFERS.

Year.	Num. ber.	Consid. eration.	Year.	Num. ber.	Consid. eration.
1892*....	1,872	\$2,825,415	1906....	988	\$1,607,189
1911....	2,044	2,235,138	1907....	748	1,254,049
1910....	1,789	3,295,850	1904....	445	1,142,410
1909....	1,253	2,186,587	1903....	309	741,030
1908....	1,006	1,683,337	1902....	165	384,850
1907....	976	1,267,406	1901....	55	198,170

*First ten months.

CHICAGO BUILDING STATISTICS.

Number of buildings erected since 1893, with estimated cost.

Year.	Buildings.	Cost.	Year.	Buildings.	Cost.	Year.	Buildings.	Cost.
1893.....	8,559	\$28,708,750	1900.....	3,554	\$19,100,050	1907.....	9,353	\$59,093,080
1894.....	9,755	33,863,465	1901.....	6,053	34,962,076	1908.....	10,771	68,203,920
1895.....	8,633	35,010,043	1902.....	6,074	48,070,399	1909.....	11,241	90,559,580
1896.....	6,444	22,730,615	1903.....	6,221	37,447,175	1910.....	11,409	96,932,700
1897.....	5,294	21,777,230	1904.....	7,151	44,724,790	1911.....	11,106	105,269,700
1898.....	4,067	21,294,325	1905.....	8,442	63,970,950	1912*....	9,920	75,550,900
1899.....	3,794	20,506,760	1906.....	10,629	64,522,030			

*Jan. 1 to Nov. 1.

Sampson—15th street, near Loomis; 215 by 125 feet.
 Hamlin Avenue—Springfield avenue, Hamlin avenue, 16th street, north to Avers avenue; 300 by 598 feet.
 Orleans—Institute place and Orleans street; 136 by 126 feet.
 Max Beutner—Wentworth avenue and 33d and La Salle street; 113 by 200 and 346 by 258 feet.
 Wrightwood Avenue—Corner Perry street and Wrightwood avenue; 454 by 361 feet.
 McCormick—Sawyer avenue and 28th street; 275 by 125 feet.
 Walter Christopher—22d street, west of Robey; 225 by 125 feet.
 Dante—Forquer and Ewing streets, west of Des Plaines; 90 by 235 feet.
 Washington—Carpenter street and Grand avenue; 128 by 174 feet.

MUNICIPAL BATHING BEACHES.

Walker—Lake Michigan, foot of 25th street.
 Rocky Lodge—Lake Michigan, foot of 79th street.
 Swimming Pool—Washington Heights; 104th street, Vincennes road and Charles street.

NORTH SHORE PARK DISTRICT.

Office, 1530 Fargo avenue.

The north shore park district comprises the territory bounded on the north by the city limits, on the east by Lake Michigan, on the south by Devon avenue and on the west by the Chicago & Northwestern railway line. There are no parks as yet, but the board has jurisdiction over about four miles of boulevards, including Sheridan road, Ashland avenue and Pratt boulevard. Secretary, William E. Harmon.

PLAYGROUND ASSOCIATION OF CHICAGO.

Office—315 Plymouth court, 6th floor.
 President—Harold F. McCormick.
 Treasurer—J. L. Houghteling.
 Secretary—Graham R. Taylor.

SUMMARY OF PARK AREAS.

South park system (acres).....	2,494.74
West park system.....	1,035.43
Lincoln park system.....	699.94
Other parks and squares.....	143.56
Unimproved.....	54.83
Total.....	4,428.50

MUNICIPAL LODGING HOUSE.

162 North Union street. Operated by health department; G. B. Young, M. D., commissioner; E. T. Olsen, M. D., chief of bureau of hospitals, public baths and lodging house.

The municipal lodging house is for the benefit of all homeless and indigent men and boys in the city. Lodging, a bath and food are provided free for every applicant for one night, and longer if he is honestly seeking employment. The crippled, old or infirm are sent each morning to hospitals, dispensaries or homes. Employment is found for the able-bodied and industrious. Statistics for the calendar years, 1908, 1909 and 1910 are as follows:

	1908.	1909.	1910.	1911.
Lodgings given.....	69,380	36,710	71,410	142,820
Meals served.....	142,691	73,420	142,820	1,457
Situations supplied.....	4,884	1,727	1,457	185
Cripples received.....	2,374	193	185	4,870
Skilled laborers received.....	25,432	4,015	4,870	12,195
Unskilled laborers received.....	44,548	8,089	8,089	350
Sent to county agent.....	19	350	472	180
Sent to county hospital.....	163	263	180	277
Sent to charitable organization.....	19	223	277	441
Sent to dispensary.....	740	441	441	

CHARLES F. ELMES ENGINEERING WORKS

Established 1861

Incorporated 1895

Forcing Presses.
Machinery for Linseed and Corn Oil Mills.
Hydraulic Belting Presses.
Hydraulic Presses and Pumps for All Purposes.
Wood Patterns.
Special Machinery Built to Order.
Elmes' Steam Steerer.
Printing Press Repairs.
Machinery Repairs of All Kinds.
ENGINE REPAIRS A SPECIALTY.

MORGAN AND FULTON-STS., CHICAGO

Telephone Haymarket 696 to All Departments.

BARTELL BROTHERS

DEALERS IN

OILS

539 PLYMOUTH PLACE

Telephones { Harrison 229
Auto. 64-229

CHICAGO

TELEPHONE FRANKLIN 678

PHILLIPS, GETSCHOW CO.

ENGINEERS AND CONTRACTORS

HEATING, VENTILATING, POWER

130 WEST KINZIE STREET

CHICAGO

OLD RESIDENTS OF CHICAGO.

Nov. 15, 1912.

In the following list of men and women who have lived in the city or its suburbs for sixty-two years or more there are doubtless many omissions, though an effort has been made to make it as complete as possible. Additions to, changes of residence and other corrections of this list, which will be continued in future editions of this publication, will be gladly received. Names marked with an * are those of persons born in Chicago or Cook county. Ages when known are given in parentheses: 1832—Allison, John, Northfield.

Heartt, Adaline N. (81), 3219 Prairie avenue.
Keenon, Mrs. Eleanor H. * (80), 2145 W. Adams-st.
Outhet, Miss Elizabeth (81), 522 Pleasant street, Oak Park.

1833—Brookes, Frederick W. (85), 11120 Armida avenue, Morgan Park.

Brooks, P. T. (88), 5294 Ainslie street.
Foote, George C. * (79), 1123 W. Van Buren street.

Goodwin, Mrs. Caleb, (88), 939 Winthrop avenue.
Vanatta, Charles (80), 2336 Grand avenue.

1834—Clingman, Mrs. William (85), 4809 Madison-av.
Fuller, Edward (79), Fullersburg, Ill.

Gerber, Barbara (84), 6154 South Halsted street.
Lorger, Mathias (79), 4409 Princeton avenue.

Ludwig, Catherine, 215 West Goethe street.
Peck, Mrs. Amilla * (78), Berwyn.

1835—Barnum, William E. * (77), 6400 Normal-av.
Brown, Lockwood S., 113 Cass street.

Clarke, Mrs. Mary E. Carver (77), 239 N. May-st.
Clingman, Mrs. William (83), 6117 Monroe avenue.

Coleman, Mrs. Deborah C., 2329 Archer avenue.
Cribb, Mrs. Charlotte M. * (77), Lake Villa, Ill.

Dewey, Mrs. Mary R. (80), 5700 Jackson avenue.
Dodge, J. S. (90), Glen Ellyn, Ill.

Dunham, Daniel (91), Wayne, Ill.
Fox, Annis Roxana, 822 West Adams street.

Gale, Edwin O. (80), Oak Park, Ill.
Gordon, Nellie Kinzie * (77), Savannah, Ga.

Harman, William (78), 3840 West End avenue.
Healy, Daniel E. (78), 2700 Lime street.

Kilham, Benjamin (80), 2811 Archer avenue.
Sayre, Mrs. Harriet (82), Mont Clare.

Sinclair, George (78), 4327 Berkeley avenue.
Smith, Charles B. (83), 223 Morse-av., Pullman.

Thies, Mrs. A. C., 1157 West Van Buren street.
Ward, Henry A. * (78), Sycamore, Ill.

Whitehead, William H. (77), 1808 Chicago avenue, Evanston, Ill.

Young, Mrs. George H. (79), 327 Warren avenue.
1836—Barnes, Charles S. * (76), Batavia, Ill.

Brooks, Mrs. E. C. (80), 1072 Sheridan road.
Burton, Mrs. Ann W. (92), Congress hotel.

Doty, Mrs. E. D. * (76), 550 65th street.
Ford, James M. (76), 193 Superior street.

Furbeck, Mrs. Elizabeth A. P. M. (76), 42 Central avenue, River Forest.

Garrity, Mrs. M. E. (76), 294 Hudson avenue.
Gilbert, Henry * (76), 3825 Iowa street.

Goeden, Susan (78), 1900 Estes avenue.
Hampton, Mrs. S. A. (87), 651 Warren avenue.

Huehn, Anna Mary (77), 1230 Wells street.
Keefe, Edward (78), 4417 Lake avenue.

Lewis, Mrs. Jane (90), 5409 Washington avenue.
Morrison, E. W. (76), 759 West Harrison street.

McNulty, Mary (77), 1751 West Erie street.
Prindiville, Redmond (87), 1212 Fullerton avenue.

Roberts, Mrs. Margaret A. (76), 981 N. Clark-st.
Townsend, Charles (79), 1118 East 55th street.

1837—Ashman, Thomas (84), 106 N. Washtenaw-av.
Bohlender, John * (75), Hinsdale.

Calhoun, William A. * (75), 1045 Wilcox avenue.
Colby, Mary A. (75), 2839 Indiana avenue.

Dolese, John (87), Morton Park, Ill.
Doty, Erastus D. (76), 1035 East 65th street.

Doty, Harvey C. (79), 1104 Grand avenue.
Fraser, Mrs. D. R. (77), 1245 Washington-bd.

Goodrich, H. A. * (75), 522 Deming place.

Howland, Mrs. Jane E. (78), 5405 Woodlawn-av.

Kimball, Mrs. Seneca D. * Chicago Beach hotel.

Pratt, Charles O. * (75), 2119 Wilcox avenue.

Satterlee, Emily T. (92), 2704 Michigan avenue.

Startup, Jane D. (76), 1414 Garfield court.

Todd, William G. (91), 4714 North Robey street.

1838—Blair, Claudius * (74), 5741 South Peoria street.

Clark, Catherine C. * (74), 1248 West 63d street.

Collins, W. M. (76), 5604 Princeton avenue.
Edbrooke, W. S. * (74), 1646 North Oakley avenue.

Flagg, Emma J. T. * (74), 14 Woodland park.
Hubbard, Gordon S. * (74), Winsor Clifton house.

Hughes, Edward (74), 54 Lewis street.
Irwin, Mrs. Caroline F. (77), 601 Armitage avenue.

Mattes, Peter (76), 613 Belden avenue.
Mitchell, Phoebe Le Bean (80), 963 West Eddy-av.

O'Neill, John J. (75), 77 Illinois street.
Russer, Henry, 216 Rush street.

Sinclair, Mrs. J. E. * (74), Maywood.
1839—Allison, Benjamin F. (82), 4129 W. Jackson-bd.

Beaubien, Mrs. A. (77), 431 South Willow avenue.
Chase, Mrs. Benjamin F. (78), 3353 Forest avenue.

Cherry, Mrs. C. H. * (73), 6530 Monroe avenue.
Clark, Dena G. (73), 210 Foster avenue.

Gray, Allen W. * (73), 3213 Washington boulevard.
Harpel, Eliza * (73), 51 East Oak street.

Height, Margaret A. (75), 310 West 60th place.
Kimball, Charles B. (73), Hinsdale, Ill.

Lewis, Charles J. (74), 1900 Carroll avenue.
Lewis, John (80), 2414 Gladys avenue.

Perolat, Clemens F. (73), 710 Masonic Temple.
Pitkin, Isaac J., 224 Schiller street.

Russell, Mary (73), 2135 Carroll avenue.
Smith, Mrs. Joshua, * 4648 S. Marshfield avenue.

Speer, Charles W. (73), 246 S. Sangamon street.
1840—Bishop, Orris A. * (72), 3721 Forest avenue.

Farnsworth, George (87), 1421 Astor street.
Farrar, Mrs. S. B. (72), 3130 Dearborn street.

Fishbeck, Mary * (72), 6938 Wentworth avenue.
Fuller, Mrs. Ann C. (73), 810 Oakwood avenue,

Winnetka.
Gage, John L. (79), 376 East Chicago avenue.

George, John B. (76), 3119 South Washburn avenue.
Gray, Mrs. Sarah H. * (72), 1410 Washington-bd.

Hamilton, Henry E. * (72), 817 Dearborn avenue.
Jackson, Abram V. (77), 3267 N. Western avenue.

Kent, Benjamin A. (93), 110 Lake-st., Oak Park, Ill.
Lewis, Mrs. W. F. * (72), 615 West Congress street.

Link, Marie (79), 57 East Walton place.
Miller, Mathilde C. (73), 3515 64th street.

Muehle, Fred C. L. (84), 172 Sedgwick street.
Murphy, Mrs. Hiram P. (73), 4402 Greenwood-av.

Reh, James * (72), 1439 West 12th place.
Robyn, Jacob (84), 1517 Dearborn avenue.

Robinson, Robert W. * (72), 1879 N. Sacramento-av.
Seamans, Mrs. Amelia (72), 868 Carroll avenue.

1841—Blake, Mrs. Adeline Jones (75), 3344 Prairie-av.
Bohlender, Peter * (71), Hinsdale, Ill.

Breit, Adam (74), 1302 Wolfram street.
Ebert, Albert E. (72), 276 Michigan avenue.

Foster, Orrington C. (71), 503 Dearborn avenue.
Lammers, Maria (79), 2 Catalpa court.

Lewis, Eli R. * (71), 7458 Normal avenue.
Loring, Stella Dyer * (71), 4600 Ellis avenue.

Merriell, George H. (73), 150 South Leavitt street.
Peck, Clarence I. * (71), 2254 Michigan avenue.

Sauter, John * (71), 5946 Normal avenue.
Smith, Graeme Lisle * (71), 1238 Eddy street.

Smith, Orson * (71), 50 Bellevue place.
Wheeler, E. B. * (71), Arlington Heights, Ill.

Williams, Edward M. * (71), Oak Park, Ill.
1842—Armstrong, John M. * (70), 628 Briar place.

Brettmann, Henry (70), 2836 Armitage avenue.
Burton, Mrs. Stiles (92), Congress hotel.

Cleveland, Henry H. * (70), 1210 Milwaukee-av.
Clybourn, Henry C. * (70), 1390 Humboldt boulevard.

Cowper, John H. (71), 1918 Warren avenue.
Cullerton, Edward F. * (70), 4242 West Harrison-st.

Curtis, DeWitt H. (73), 1302 Washington boulevard.
Dickerman, Mrs. Martha B. * (70), 5946 Normal-av.

Erlinger, Katherine (74), 3257 Wentworth avenue.
Fries, William (70), 4054 North Paulina street.

Hall, Mrs. J. S. (70), 3701 Sheridan road.
Hamilton, David G. * (70), 2929 Michigan avenue.

Jax, Nicholas (76), 2310 Seminary avenue.

Johnson, George B. * (70), 532 West Adams street.

Kellogg, J. H. (82), 2238 Michigan avenue.

Law, Mrs. Ellen (80), 1944 Warren avenue.

Leibunguth, Caroline * (70), Downers Grove, Ill.

Meyer, Mary (73), 125 West 16th street.

Murphy, C. A. * (70), 274 West Huron street.

Parsons, Mrs. Julia W. K. (70), 1192 Garfield-bd.

Rooney, Henrietta B. (70), 2080 Jackson boulevard.

Russell, Ellen I. * (70), 888 Carroll avenue.

—ESTABLISHED 31 YEARS—

SAMUEL PHILLIPSON & CO.

WHOLESALE GENERAL MERCHANDISE

828 to 838 W. 12TH ST., COR. NEWBERRY AV., CHICAGO

CLOTHING

SHIRTS

UNDERWEAR

HOSIERY

SWEATERS

KNITTED
GOODS

COMFORTERS

BLANKETS



LINENS

LADIES'
AND
CHILDREN'S
WEARLACE
CURTAINSMEN'S
FURNISHINGS

LACES

NOTIONS

LOWEST PRICE WHOLESALE HOUSE IN THE WEST

Telephone Monroe 1356

Telephone Monroe 4708

JOHN W. ECKHART & COMPANY

MANUFACTURERS OF

THE CELEBRATED

JUMBO

PATENT FLOUR

311 to 329 N. CARPENTER STREET

CORNER CARROLL AVENUE

CHICAGO, ILL.

F. D. CROFOOT

Phone 759 Main

PRINTING BY ELECTRIC LIGHT**CROFOOT, NIELSON & COMPANY****BLUE PRINTERS**

Blue Printing, Black Printing Blue Line and Color Printing

Special Service Always—Speed and RESULTS. Big Floor Space and Equip-
ment for Rush Orders.

180 W. WASHINGTON STREET, CHICAGO.

- Schnur, Peter* (70), 783 North Winchester avenue.
 Simon, Peter (83), 484 Sedgwick street.
 Tibbetts, Mrs. W. G.* (70), 2977 North Paulina-st.
 Ward, Mrs. E. J. Watson (87), 339 East 62d-st.
 Watson, N. W. (81), 4100 Lake avenue.
 Watson, Silas B. (73), 3317 Park avenue.
 Weller, George W.* (70), 7005 Normal avenue.
- 1843—Allmendinger, Peter (70), 438 Arlington place.
 Bernard, Mrs. Gwinthelny (69), 46 Best avenue.
 Downs, E. Allen* (69), 739 West Grove-st., Evanston.
 Dunne, Mrs. William (88), 365 S. Central Park-av.
 Follansbee, George A. (69), 2342 Indiana avenue.
 Ford, Elisha M. (76), 1000 Warren avenue.
 Garraghan, Bedella K.* (69), 3424 Prairie avenue.
 Getzler, W. H., 217 Frankfort street.
 Gaffney, James (71), 1210 Morse-av., Rogers Park.
 Gavin, Rev. E. W.* (69), Waukegan, Ill.
 Grimme, Louis (85), 3255 Herndon street.
 Hatch, Julia A.* (69), 481 North Clark street.
 Holden, William H.* (69), 1143 Forest-av., Evanston.
 Knorst, Mathias (71), 138 Vine street.
 Ludwig, Katherine (68), 215 West Goethe street.
 Macee, Henry W. (71), 5626 Madison avenue.
 McDonald, Mrs. P. S.* (69), 2839 Indiana avenue.
 McNamara, James* (68), 1892 Fillmore street.
 Neebes, William J. (77), 3223 Forest avenue.
 Perkins, Mrs. Marion Heald (73), 2319 Lincoln street, Evanston.
 Perry, Mrs. Silas O.* (69), 343 East 53d street.
 Remond, Mrs. E. Pelletier (91), 3222 Archer-av.
 Rohmer, A. (85), Hinsdale, Ill.
 Schaefer, M. (79), Gross Point.
 Sherman, Charles D.* (69), Riverside, Ill.
 Simons, Edward* (69), 1082 Armitage avenue.
 Spahn, Joseph M. (69), 10307 Indianapolis avenue.
 Stannard, Helen F., 871 Jackson boulevard.
 Tron, Mrs. Anna Maria (79), 523 North Halsted-st.
 Turner, Mrs. Mary (69), 502 Addison street.
 Weber, Herman (70), 812 Junior terrace.
 Weckler, Adam J. (70), 3446 Evanston avenue.
 Wolcott, Mrs. Mary A. (86), Niles, Ill.
 Williamson, Mrs. Emma B. (70), 959 South Spaulding avenue.
- 1844—Arnold, Miss Katherine D.* (68), 674 Lincoln Park boulevard.
 Bailey, George W.* (68), 513 West 60th street.
 Bailey, Mrs. J.* (68), 355 Jackson boulevard.
 Bartlett, Mrs. Mary J. (73), 2705 N. Hermitage-av.
 Bennett, Robert J. (73), 4250 North Paulina street.
 Bowes, George H. (68), 182 West 23d street.
 Bradshaw, Hugh (73), 1919 Fulton street.
 Butts, Milton D. (74), 445 North Paulina street.
 Cherry, Charles H. (78), 6530 Monroe avenue.
 Crocker, Madeline (88), 3651 Wentworth avenue.
 Einhorn, Joseph (88), 172 South Sangamon street.
 Fergus, John B.* (68), 337 Windsor avenue.
 Fergus, John Q. (71), 3114 Vernon avenue.
 Green, Mrs. Bessie (71), 1803 Melrose street.
 Hall, Eugene* (68), 2106 South State street.
 Horne, Mrs. Hannah R. (89), Old People's home, Indiana avenue and 39th street.
 Hoyne, Thomas M. (68), 2369 Calumet avenue.
 Josenhans, Mary M.* (67), 842 West 61st place.
 Kastens, Katherine (87), 935 Perry street.
 Kay, Joseph A.* (68), Elston and North 55th-avs.
 Knopp, Bernard* (68), 699 Mildred avenue.
 Lawrence, Susan J. (96), 16 St. John's court.
 Macdonald, Ada Lane, 6347 Washington avenue.
 Mann, Mathias* (68), 3793 North Clark street.
 Marshall, James F.* (68), 2978 Vernon avenue.
 Mason, George (72), 511 West Monroe street.
 Mattes, Frank* (68), 1606 North Ashland avenue.
 Morgan, George C. (79), 6112 Stony Island avenue.
 Nicholson, John G.* (68), 1509 Montrose avenue.
 Ozier, W. C. (72), 350 Dearborn avenue.
 Peck, Helen M.* (68), 2726 North Robey street.
 Pierce, Joseph (93), 20 Bellevue place.
 Reid, Florence S. (68), 3023 Diversity boulevard.
 Rehm, William (68), 122 Indiana street.
 Reid, Mrs. Elizabeth G.* (68), 1023 N. Halsted-st.
 Runge, Henry (76), 436 West Chicago avenue.
 Russer, Mrs. Caroline (68), 44 Pearson street.
 Santer, Charles J.* (68), 2142 Cleveland avenue.
 Schram, C. B. (78), 51 South Halsted street.
 Seavert, E. G. (74), 34 North Grove place.
 Skinner, Miss Elizabeth (68), 100 Rush street.
 Smith, Frederick A.* (68), 609 Rush street.
 Snowden, Orpha (87), 1552 Lill avenue.
 Steinhaus, George (80), Oak Park, Ill.
- Tibbetts, Elizabeth* (68), 2763 North Paulina-st.
 Van Horn, Mrs. Amy Gale Sinclair (68), 4510 Perry street.
 Van Zandt, George* (68), Oak Park, Ill.
 Walsh, John E.* (68), 2613 North Ashland avenue.
 Walshe, Mrs. Robert J. (68), 2339 Calumet avenue.
 Weihe, John C. (72), 3017 N. Winchester avenue.
- 1845—Bacon, Rebecca S. (70), 2243 Cleveland avenue.
 Barrett, John H. (76), 1400 Michigan avenue.
 Best, Jacob (67), 1487 Beran avenue.
 Bradley, J. Harley (68), 607 Rush street.
 Breesse, A. K. (67), 9711 Parnell avenue.
 Breesse, Mrs. A. K. (67), 9711 Parnell avenue.
 Breyer, Mrs. Sophia (72), 680 Fulton street.
 Casey, Mrs. Helen M. (77), 161 South Leavitt-st.
 Catlin, Charles (68), 451 Belden avenue.
 Catlin, George (69), 5111 Hibbard avenue.
 Clancy, Sylvester T. (69), 4008 Dearborn street.
 Clark, Mrs. David W.* (67), 3125 Warren avenue.
 Crowe, Mrs. Marie B.* (67), 433 Grand avenue.
 Eushing, Edward T.* (67), 4820 Greenwood avenue.
 Dalton, Mrs. Mary A.* (67), 758 S. Kedzie-av.
 Davis, Mrs. Kate E.* (67), 135 West Adams street.
 Feldman, Mary (74), 1440 Wrightwood avenue.
 Ford, John W.* (67), 3950 Lexington avenue.
 Portmann, Mrs. Katherine (86), 4099 Robey street.
 Gilmore, William (67), 217 Central Park avenue.
 Haldship, Barbara (67), 282 1/2 Wells street.
 Hatch, J. M. (80), 128 South Waller avenue.
 Hauslein, George (85), 2536 North Halsted street.
 Heyder, Mrs. Mary (71), 1829 Fremont street.
 Jackson, Oliver* (67), 4460 Oakmawald avenue.
 Jerrain, Mrs. Julie Pelletier (94), 3222 Archer-av.
 Knickerbocker, A. V.* (67), 3341 Douglas Park-bd.
 Martin, Patrick (90), 4537 Wabash avenue.
 O'Brien, Timothy M., 2234 Campbell park.
 Robinson, William B.* (67), 325 West Adams street.
 Rutherford, T. A. (74), North 68th and Grand-avs.
 Satterlee, George A.* (67), 2704 Michigan avenue.
 Schimmels, Christian* (67), 1410 South Halsted-st.
 Semmler, Mrs. Catherine* (67), 10327 Throop-st.
 Sickinger, John* (67), 2847 North Hermitage-av.
 Trauscht, Anna M.* (67), 2481 Archer avenue.
- 1846—Berger, Louis A. (80), 231 Cuyler avenue.
 Block, Mrs. Mary (68), 3037 Edgewood avenue.
 Bournique, Mrs. A. E.* (66), 315 East 23d street.
 Boyd, Mrs. Charles L.* (66), 5009 Wabash avenue.
 Brachtendorf, Anton (68), 348 Mohawk street.
 Brinkman, Henry (71), 92d-st. and Vincennes-av.
 Brinkworth, Mrs. Emma A.* (66), 884 Irving place.
 Brown, Edward C. (67), 6056 Monroe avenue.
 Burkhardt, Mrs. A. E. (80), Austin, Ill.
 Clark, John M. (76), 2000 Prairie avenue.
 Dayton, Mrs. Martha S.* (66), 6950 Lowe avenue.
 Dunn, Mrs. Evaline (89), 2015 West Adams street.
 Fishback, Mrs. Mary (72), 6938 Wentworth avenue.
 Ganshow, Mrs. Anna M. (66), 617 South Kedzie-av.
 Gray, George L. (66), 2644 Indiana avenue.
 Griffin, Mrs. F. A. (76), 907 West Monroe street.
 Gross, George M. (66), 3826 Rhodes avenue.
 Halifax, Mrs. Martha A. (68), 424 South Oakley-bd.
 Hayes, Michael (67), 4546 West Adams street.
 Healy, James T. (66), 3220 Indiana avenue.
 Hitz, Louis J. (78), 95th street and Western-av.
 Hough, Albert J.* (66), 4828 Kenwood avenue.
 Husted, Frank T.* (66), 2331 South Morgan avenue, Morgan Park.
 Jacobs, Mrs. Amelia (76), 88 Cleveland avenue.
 Klassen, Jacob (77), 3123 South Park avenue.
 Klossman, Charlotte (72), 695 North Maplewood-av.
 Knight, Jennie H. (68), 3236 Rhodes avenue.
 Lawrence, Theodore F. (65), 1955 N. Halsted-st.
 Lemmon, Vina (65), 1552 Lill avenue.
 Lewis, Edward (66), 1445 State street.
 Lipsh, Helena (90), 460 Orchard street.
 Mackway, Mrs. Marian (76), 16 Kendall street.
 Mahler, J. Martin (75), 1530 Lill avenue.
 McCarthy, John Thomas, 1329 Jackson boulevard.
 McHenry, Abbie Colby* (66), 1815 Indiana avenue.
 Mendsen, J. F. (87), 251 Washington boulevard.
 Monheimer, Conrad (79), 4033 Prairie avenue.
 Monroe, Benjamin F. (72), 135 East 71st place.
 Muenzenberg, Charles (81), 16 Orchard street.
 Munch, Peter (76), 488 1/2 Bishop avenue.
 Nelson, Andrew C. (69), 4625 Langley avenue.
 Niehoff, Katherine (72), 1108 Wellington street.
 Norton, F. F., 1178 Fillmore street.
 Polkey, Margaret* (66), 3564 Vernon avenue.

WE NEVER SLEEP

Regan Printing House

PRINTERS *and* BOOKBINDERS

ONE OF THE MOST COMPLETE
PRINTING AND BOOKBINDING
ESTABLISHMENTS IN THE WEST

**525-537 PLYMOUTH PLACE
CHICAGO, ILL.**

TELEPHONE—ALL DEPARTMENTS—HARRISON 6281

AMERICAN STEEL FOUNDRIES

SIMPLEX RAILWAY APPLIANCE CO.

MANUFACTURERS OF

RAILWAY SUPPLIES

**CAST STEEL PRODUCTS
OF
EVERY DESCRIPTION**

NEW YORK

CHICAGO

ST. LOUIS

- Rock, Daniel J. (77), 1141 Lill avenue.
 Schade, Henry (73), 6332 Evergreen avenue.
 Sears, Joseph (59), Kennilworth, Ill.
 Sickinger, Jacob* (66), 902 Devon avenue.
 Singlair, Mrs. A. E. A. (76), 6542 Lafayette-av.
 Sippel, Nicholas (85), 184 Superior street.
 Smalley, Mrs. Angeline K.* (66), 2544 Kimball-av.
 Smele, Mrs. James (99), 7301 Langley avenue.
 Smith, James H. (68), 418 Oak street.
 Stratton, Helen A., 914 West Monroe street.
 Taylor, George L. (65), 360 Wells street.
 Tyler, Albert S.* (65), 5401 East End avenue.
 Vernon, John M. (71), Winnetka.
 Voimuth, Mrs. Maria (83), 139 East Division-st.
 Weir, Robert (72), 6223 Yale avenue.
 Woods, Mrs. Sophronia D. (87), 451 Belden-av.
 Yoe, Lucien G.* (66), Highland Park.
 1847—Amberg, Mrs. William A.* (65), 1301 North State street.
 Barnard, Frederick (76), Oak Park.
 Barrell, James (78), 4717 Kenwood avenue.
 Barts, John (66), 5135 Dearborn street.
 Beers, Cyrenius (66), 3417 South Paulina street.
 Beers, George T. (75), 3416 South Paulina street.
 Berry, Mrs. John J.* (65), 258 Bissell street.
 Bishop, Joseph H. (73), 600 York place.
 Brethauer, Mrs. Fredericke (69), 1506 Oakdale-av.
 Brettmann, Mrs. Louisa (65), 2836 Armitage-av.
 Brinkman, Mrs. Henry (72), 92d street and Vincennes road.
 Chamberlain, Thomas S. (64), 1668 W. Chicago-av.
 Charlotte, Mrs. Mary L. S.* (65), 1463 Fulton-st.
 Chatterton, Martha S.* (65), 2024 Washington-bd.
 Clausen, Mrs. Lizzie* (65), 389 East North avenue.
 Condon, Caroline (79), 321 West 63d street.
 Cosgrove, Matthew J.* (65), 1582 Harvard street.
 Crosby, Benjamin F. (86), Oak Park.
 Curtis, Charles C.* (65), 110 Astor street.
 Dony, John F.* (65), 171 Hill street.
 Haggard, John D.* (65), 154 North Pine avenue.
 Hart, John E. (85), 32 Beethoven place.
 Henderson, Robert* (65), 1463 West Polk street.
 Hesper, John R. (81), 2244 Lumber street.
 Higgins, Mrs. L. A. R. (65), 333 Orchard street.
 Horn, Martin (77), 546 Wells street.
 Hotchkiss, Gen. C. T. (80), 1906 West Monroe-st.
 Hughes, Charles H.* (65), 4823 Kenwood avenue.
 Hoxie, Mary H.* (65), 4440 Michigan avenue.
 Hunt, Mrs. Ellen L. (83), 3224 Forest avenue.
 Kearns, Michael (74), 544 Colorado avenue.
 Klein, Catherine (68), Rogers Park.
 Kosh, Magdalena (86), 363 Carroll avenue.
 Lauer, Maria (82), 616 East Belmont avenue.
 Lunn, Harvey W.* (65), 2184 West 24th place.
 Manierre, William R.* (65), 1507 Dearborn avenue.
 Markus, Fritz (73), 661 Milwaukee avenue.
 Meech, George A. (87), Morgan Park, Ill.
 Morgan, William R.* (65), 231 South Central-av.
 Morris, Timothy E. (68), 3151 Prairie avenue.
 Murphy, James C.* (65), 2340 West Polk street.
 McAuliffe, John (92), 648 South Center avenue.
 Neill, Mrs. Louisa (82), 4927 St. Lawrence avenue.
 Redden, John, 5 Edgemont avenue.
 Schmidt, Mrs. Dorothea (73), 5335 Princeton-av.
 Schubert, Mrs. Margaret (71), 5635 Princeton-av.
 Sherman, Frederick J. (65), 3670 Milwaukee-av.
 Simmeral, Mrs. Anna (80), 256 Lawrence avenue.
 Simon, William (74), 3221 North Clark street.
 Stumpf, Sierna (81), 872 Armitage avenue.
 Taylor, Mrs. Agnes M.* (65), 32 Best avenue.
 Thiele, Heinrich (83), 522 Cleveland avenue.
 Thiele, Maria (84), 523 Cleveland avenue.
 Thilo, Mrs. Elizabeth (77), 807 North Halsted-st.
 Turner, Sarah W.* (65), 1854 Addison street.
 Vernon, Sarah A., 432 Claremont avenue.
 Wayman, Mrs. B.* (65), 4858 Kenmore avenue.
 Webber, Mrs. Mary A.* (65), 4314 Belden avenue.
 Whitehead, Edward J. (73), 5465 Washington-av.
 Williamson, Elizabeth V., 432 Claremont avenue.
 Winchell, Juliet A. (70), 4223 North 42d court.
 Waltz, Fred (75), 1279 North Clark street.
 Yoe, Mrs. Mary W.* (65), Highland Park.
 1848—Apfel, Mrs. Anna (92), 76 Hammond street.
 Batterman, John Otto (82), 1015 Ashland boulevard.
 Belden, William* (64), 71 South 43d court.
 Brenner, David F. (73), 5009 Greenwood avenue.
 Broderick, Michael (95), 1921 Belle Plaine avenue.
 Bryan, Frederick W.* (64), 1423 Kennilworth-av.
 Caldwell, Peter (90), 4424 Wallace street.
 Cleveland, Silas E. (74), 929 West Monroe street.
 Creet, Catherine (83), 30 Spruce street.
 De Wolf, Edward P.* (64), Waukegan, Ill.
 Dimond, Philippine S. (75), 45 Bryant avenue.
 Docter, Margaretha* (64), 6333 South Center-av.
 Douaire, Sarah S. (72), 4022 Perry street.
 Dougall, John T. (64), 1079 West Grace street.
 Doyle, James M. (73), 719 S. Ashland boulevard.
 Dutch, James B. (73), 6637 Parnell avenue.
 Eberlen, George P.* (64), 647 Sheffield avenue.
 Fenster, Maria (64), 1103 South Harlem avenue.
 Flanders, John J.* (64), Glencoe, Ill.
 Fredericks, Mrs. Anna (73), 2024 Michigan avenue.
 Gray, P. W. (64), 2563 North Winchester street.
 Greenebaum, Elias (90), 4510 Grand boulevard.
 Greenebaum, Henry (79), 4556 Ellis avenue.
 Grimme, Louis E. (85), 99 Diversey court.
 Gunderson, Martin A. (77), 2531 N. Francisco-av.
 Hector, Jacob S. (64), 3011 Archer avenue.
 Henrotin, Charles (69), 745 Lincoln parkway.
 Hoge, Holmes (70), Evanston, Ill.
 Huchold, Mrs. Annie (68), 49 Canalport avenue.
 Joyce, Thomas (78), 3440 Prairie avenue.
 Joyce, Mrs. Thomas (74), 3440 Prairie avenue.
 Kappelman, Fred P. (69), 2207 Colfax street, Evanston.
 Keran, George P.* (64), 1203 West Adams street.
 Kistner, Valentine (93), 10324 Prospect avenue.
 Koehsel, John E.* (64), 935 Winona street.
 Kramer, M. (77), 83 East 34th street.
 Langguth, J. F. (70), 2706 Byron street.
 Miller, Thomas E. (79), 1449 LaSalle avenue.
 Mitchell, Fannie Clark (81), 650 West 62d street.
 Monheimer, Leonard (79), 4419 Prairie avenue.
 Murphy, Joseph (89), 5645 Michigan avenue.
 McConnell, John* (64), 546 Hawthorne street.
 McEvoy, William (80), 2019 Racine avenue.
 McGurn, Christopher (70), 2918 Fulton street.
 Olson, Oliver (65), 610 West Melrose street.
 Page, Charles L.* (63), 40 Scott street.
 Parker, John D. (72), 31 Aldine square.
 Pease, O. A. (77), 875 Austin avenue.
 Peck, Ferdinand W. (64), 1826 Michigan avenue.
 Price, Mrs. Laura J.* (64), 838 Warren avenue.
 Pringle, Mrs. Isabelle M. (68), 5746 Jackson-av.
 Pringle, Margaret* (64), 5446 Jackson-av.
 Pringle, Thomas A. (66), Brainerd, Ill.
 Randall, Mrs. T. D. (73), 2624 Calumet avenue.
 Redell, Richard F. (68), 1215 Dearborn avenue.
 Reid, William G.* (64), 5214 Cornell avenue.
 Renich, Mrs. Helen (65), 432 School street.
 Riley, John P. (67), 338 Hudson avenue.
 Rohnot, Victor F. (64), 6354 Langley avenue.
 Rogan, John J. (66), 4253 South State street.
 Sampson, John C.* (64), 1243 East 44th place.
 Schimmels, Capt. C., 1410 South Halsted street.
 Schlecht, Mrs. Catherine (69), 5803 Ohio street.
 Schlossman, Joseph B. (64), 5341 Calumet avenue.
 Schmidt, Mrs. Sophie (77), Oak Park, Ill.
 Scouton, T. B.* (64), 521 West Madison street.
 Scudder, Mrs. Mary A.* (64), 102 Bellevue place.
 Seaton, Isabel D.* (64), 1016 West Monroe street.
 Sedgwick, Mrs. A. G. (75), 603 Park avenue.
 Sheppard, Robert D.* (64), Evanston, Ill.
 Sinclair, J. E. (75), Maywood, Ill.
 Smyth, Thomas A.* (64), 2022 West Jackson-bd.
 Spinkins, William H.* (64), 5031 North 40th-av.
 Starkweather, Charles H.* (64), 4901 Woodlawn-av.
 Stewart, Bridget (78), 646 West 12th street.
 Varges, Edward E. (64), 712 Summerdale avenue.
 Vial, Jennie* (64), LaGrange, Ill.
 Walsh, James J. (78), 4839 Washington boulevard.
 Walter, Lorns (88), 1717 Roscoe street.
 Wemple, Leonard C. (76), 682 North Curtis street.
 Zimmerman, John S. (71), 1847 Park avenue.
 Zimmerman, Mrs. Minna (69), 1279 Perry street.
 1849—Balken Peter M. (75), 71 Grove street, River Forest.
 Boyd, Charles L. (69), 5009 Wabash avenue.
 Boyd, Mrs. Charles L.* (66), 5009 Wabash avenue.
 Boyd, Robert (71), Hinsdale, Ill.
 Brennan, Matthew (77), 4013 Vincennes avenue.
 Brown, Mrs. Sophia (83), 3347 Dearborn street.
 Buggle, James (64), 2707 West Jackson boulevard.
 Clowry, James, 4200 Ellis avenue.
 Clowry, John K., 437 Blue Island avenue.
 Clowry, Thomas, 2859 North Robey street.

LANDSCAPE GARDENING.

THE landscape artist who makes a life study of landscape gardening is to-day absolutely essential to the beautiful home and its surroundings. The professional sees the effects of artistic decorative features for the environs, with respect to natural topography and foliage. One finds in the colonial days of this country the available wealth was limited, and only a few of the larger land holders attempted to beautify their lands and gardens. What was done in this respect in the early history of the country was principally in the care and attention to the trees and the planting of old fashioned flowers and hedges to enhance the approach to the colonial mansion. As time passed the country went through a period of inartistic attempts with ineffectual material to improve the appearance of lawns and landscape approaches. However, the environs of the pretentious homes to-day are efforts of the artist who confines his genius in this direction. J.

UNITED STATES ANNUITY & LIFE INSURANCE COMPANY

McCORMICK BUILDING
CHICAGO

Every policy registered and full reserve deposited
with the State of Illinois

HENRY A. SALZER, President
WILLIAM T. SMITH, Secretary

Exceptional Opportunities for Agents

Clowry, Mrs. Bridget (80), 463 West 14th street.
 Cobb, Weldon J.* (63), Wheaton, Ill.
 Cullen, Mrs. M. (63), 604 East 46th street.
 Culver, John (66), 2301 Dewey avenue, Evanston.
 Curtis, Rev. Edward H. (69), 6455 Monroe avenue.
 Curtis, Henry M. (71), 4943 Washington avenue.
 Donoghue, Daniel (63), 6325 Monroe avenue.
 Doty, Virginia E.* (63), 5547 Washington avenue.
 Doyle, A. J.* (63), Orland, Ill.
 Elsey, Mrs. Anna (71), 1532 West Adams street.
 Erskine, Cecilia D. W.* (63), 135 Lincoln Park-bd.
 Foley, Mrs. Ellen (76), 656 West 20th street.
 Franzen, Alexander (83), 17 Artesian avenue.
 Furst, Conrad (83), 1400 Astor street.
 Glasebrook, George (87), 2230 Flournoy street.
 Glasebrook, Mrs. Mary Ann (83), 2230 Flournoy-st.
 Goodwillie, Mrs. Cecilia (83), 450 Roslyn place.
 Goold, John E.* (63), 2216 Prairie avenue.
 Grupe, Conrad (79), 1189 North Maplewood avenue.
 Guenther, Rebecca E. (71), 3020 Lake Park avenue.
 Hatch, Walter H. (63), 114 Grove-st., River Forest.
 Jaeger, Julius F.* (63), 1126 Georgia street.
 Jaworski, Stephen D. (63), 1337 West Jackson-bd.
 Joslyn, Walter S. (69), 1610 Garfield boulevard.
 Kehoe, Miles, 639 South Ashland avenue.
 Keller, George (94), 164 Newton street.
 Kindberg, N. A. (72), 1496 West Foster avenue.
 Kinzie, Mrs. Arthur E.* (63), Riverside, Ill.
 Laigler, Fred G. (66), 1136 Orleans street.
 Larson, Iver (82), 691 North Hoyne avenue.
 Lay, A. Tracy (88), 321 Michigan avenue.
 Leopold, Mrs. C.* (63), 1295 North Halsted street.
 Loughlin, William M. (88), 4650 North Robey-st.
 Mahler, H. F. (70), 14 DeKalb street.
 Metzger, Charles F.* (63), West Chicago, Ill.
 Melvin, Thomas H.* (63), 2508 North Artesian-av.
 Miller, Brice A. (74), 46 Roslyn place.
 Moore, William J. (67), 66 Osgood street.
 Nelson, Sarah Earl* (63), 6204 Greenwood avenue.
 Norton, Mrs. Louise C. (63), 150 Lincoln Park-bd.
 O'Byrne, Mrs. Elizabeth (68), 2545 Washington-bd.
 Olberts, Mrs. Catherine (63), 3302 Archer avenue.
 Oliver, Lucy Hicks (68), 1541 West Monroe street.
 Peckler, Katharine A. (64), 4038 Archer avenue.
 Peeble, Cassius M. (68), 296 West Monroe street.
 Prindville, William H.* (63), 1212 Fullerton-av.
 Ritchie, Hugh (88), 28 West Chestnut street.
 Rogers, Edward K.* (63), 159 East Ontario street.
 Rooks, Mrs. Mary S., 964 Jackson boulevard.
 Rumsey, George D.* (63), 62 East Division street.
 Scott, George M. (70), Riverside, Ill.
 Shepard, F. A. (63), 2030 West Harrison street.
 Smith, Frank Waldo* (63), 5529 Cornell avenue.
 Sutter, John D. (66), 745 Evanston avenue.
 Swenie, Mrs. Julie (65), 218 Dearborn avenue.
 Talbot, H. Plumer, 241 Michigan avenue.
 Thels, Theodore (67), 2729 Pine Grove avenue.
 Thomas, Mrs. John W.* (63), 515 Jackson-bd.
 Ulrich, Mrs. Maria (76), 838 Lill avenue.
 Weber, Mrs. Barbara M. (77), 1738 Wilmot street.
 Weber, Mary (66), 1634 Barry avenue.
 Wood, Seth* (63), 361 West Harrison street.
 1850—Baumann, Frederick (86), 43 Pine Grove-av.
 Becker, Fred (78), 331 LaSalle avenue.
 Boddeker, B. (74), 1541 West Chicago avenue.
 Bomhake, William* (62), 5442 West Leland avenue.
 Brown, Canute (67), 1912 Winona avenue.
 Butterfield, Caroline S. (62), 1322 LaSalle avenue.
 Carpenter, George B. (78), 107 Lincoln Park-bd.
 Catlin, Mrs. Mary E.* (62), 451 Belden avenue.
 Clingman, Charles W.* (62), 4748 Kenwood avenue.
 Coleman, Edward* (62), 2829 Archer avenue.
 Conroyd, James, 26 South Clark street.
 Dennis, John (69), 34 St. John's court.
 Dunne, Michael J. (72), 4901 Madison avenue.
 Ebersold, Mrs. Julia S. (68), 4401 Lake avenue.
 Erickson, Mrs. Martha (90), 3424 South Park-av.
 Finke, Mrs. Anna M. (83), 2098 Grenshaw street.
 Freytag, Mrs. Margaret* (62), 1096 N. Clark-st.
 Gerts, George E. (85), Oak Park, Ill.
 Goodwillie, Robert* (62), 5038 Washington Park-ct.
 Gordon, Elizabeth C. (72), 1850 Fulton street.
 Groble, Mrs. Mary* (62), 959 Sawyer avenue.
 Haake, George* (62), 2508 Sheffield avenue.
 Haines, Walter S.* (62), 1401 West Adams street.
 Hawes, Robert (77), 2935 Bonfield street.
 Heald, James H.* (62), Oak Park, Ill.
 Hogan, P. (74), 642 North State street.

Houlihan, Robert D.* (62), 865 Osgood street.
 Howe, Miss Frances* (62), Porter, Ind.
 Husted, Julia Hoyt* (62), 429 East 55th street.
 Jiroch, Joseph (66), 1837 Mohawk street.
 Johnson, Peter (70), 1506 North Robey street.
 Kent, Mrs. L. B.* (62), 4024 Prairie avenue.
 Koehler, E. (84), 1503 West Jackson boulevard.
 Kotz, Charles E.* (62), 1543 Devon avenue.
 Langheirich, Edward* (62), 2029 Sheffield avenue.
 Lawson, Victor F.* (62), 1500 Lake Shore drive.
 Loehr, Justus P. C. (71), 2824 Burling street.
 Martin, Mrs. Mary (64), 6418 Langley avenue.
 Miller, Ed M. (62), 664 South Halsted street.
 Moore, John M. (91), 3907 Michigan avenue.
 Moore, William J. (75), 1910 Fremont street.
 Morris, William (69), 499 Woodlawn avenue.
 Moser, George W.* (62), 400 Maple-av., Oak Park.
 Munson, John (73), W. Foster and N. 47th avenues.
 McDermott, Michael (66), 3528 Wabash avenue.
 Newton, Hanna Reimers, 1815 Melrose street.
 Norton, Mrs. Lucy, 231 East 54th street.
 Nurnberger, Mrs. Emille (74), 2963 South State-st.
 Olshenker, John H. (70), 632 West Adams street.
 Pfeifer, Charles* (62), Hinsdale, Ill.
 Pinkerton, William A. (66), 217 South Ashland-bd.
 Pomy, Mrs. Anna (67), 431 Webster avenue.
 Poole, Manning S. (80), 3834 Langley avenue.
 Powell, John, 1852 West Congress street.
 Redell, Mrs. J.* (62), 547 Berenice avenue.
 Reinhart, John (64), 1033 Wellington street.
 Reteln, John (95), 2325 North Rockwell street.
 Sammons, E. Hudson* (66), 3149 Rhodes avenue.
 Schaffer, Ferdinand (63), Blue Island, Ill.
 Senf, Sophia (64), River Grove, Ill.
 Seelye, Henry E. (85), 1134 Chicago-av., Evanston.
 Shackelford, Collins (70), 1622 Greenleaf avenue.
 Smith, Mrs. Mary Ann* (62), 1242 W. Madison-st.
 Spies, Mary (81), 1918 West Montrose avenue.
 Spry, Ellen (74), 451 West Monroe street.
 Uchtmann, John D. (80), 824 South Halsted street.
 Weigelsbaum, Joseph* (62), 1826 Spaulding-av.
 Weihe, Mrs. Caroline (71), 919 Roscoe street.
 Wells, Edwin S. (83), Lake Forest, Ill.
 Workmeister, John* (62), 3308 Calumet avenue.
 White, John M. (85), 5211 Cornell avenue.
 Winsauer, Mrs. Louise* (62), 120 E. Walton place.

DIED IN 1912.

Ahrens, John A. (75), 153 West 63d street; arrived 1846; died Sept. 21.
 Allen, Ira W. (84), 5718 Madison avenue; arrived 1847; died Feb. 9.
 Alt, Jacob (76), 1353 North Clark street; arrived 1853; died Aug. 22.
 Aymong, Mrs. Mary E. (72), 1226 Oregon avenue; arrived 1848; died Sept. 23.
 Barnard, Miss Elizabeth (89), 1924 West 103d street; arrived 1846; died Sept. 22.
 Beaubien, David (84), Luverne, Minn.; born in Chicago, 1828; died Feb. 17.
 Boardman, Mrs. Anna K. (68), 2513 Michigan avenue; arrived 1849; died June 23.
 Busby, Charles (81), 2020 Indiana avenue; arrived 1851; died April 27.
 Caldwell, Peter (91), 4429 Michigan avenue; arrived 1833; died Nov. 9.
 Cassidy, James E. (86); arrived 1849; died Oct. 7.
 Clark, Joseph (85), 4712 Bernard avenue; arrived 1844; died Jan. 9.
 Cleaver, Mrs. Mary (92), Canton, O.; arrived in Chicago, 1833; died July 8.
 Conley, Mrs. Hannah, 1501 Dearborn avenue; arrived 1844; died Jan. 23.
 De Vos, John H. (75), 4434 Irving Park boulevard; arrived 1838; died Feb. 20.
 Dyer, Charles G. (66), Munich, Germany; born in Chicago 1846; died Feb. 1.
 Elterman, Mrs. Mary Eliza (82), 3146 Lincoln avenue; arrived 1836; died Jan. 28.
 Filer, Alanson (99), 1714 Orrington avenue, Evanston; arrived 1833; died Dec. 19, 1911.
 Foss, John P. (96), 447 West Monroe street; arrived 1840; died Aug. 19.
 Gabel, Mrs. Margaret (77), 113 East Chestnut street; arrived 1844; died Nov. 3.
 Green, Mrs. Esther W. (62), Bridgeport, Conn.; born in Chicago 1850; died Oct. 16.

Phone Randolph 4888

THE W. H. SCHOTT COMPANY

ENGINEERS, CONSTRUCTORS, MANAGERS

1813-1816 HARRIS TRUST BUILDING

CHICAGO

LIGHT AND POWER PLANTS

CENTRAL HEATING PLANTS

ELECTRIC RAILWAYS

HYDRO-ELECTRIC PLANTS

WATERWORKS AND GAS PLANTS

**SPECIAL ATTENTION GIVEN TO EXAMINATIONS AND REPORTS
FOR FINANCIAL INSTITUTIONS**

L. J. LAMSON

W. A. LAMSON

L. F. GATES

LAMSON BROS. & CO.

ESTABLISHED 1874

COMMISSION MERCHANTS

GRAIN STOCKS COTTON PROVISIONS

CONSIGNMENTS OF GRAIN SOLICITED

for the markets at

CHICAGO, PEORIA, ST. LOUIS, MILWAUKEE, OMAHA

Leased Wires to Nebraska, Iowa,
Illinois, Indiana and Eastern Points

Home Office: 6 BOARD OF TRADE, CHICAGO

Gunderson, Gabriel (81), 1437 West Ohio street; arrived 1848; died July 29.
 Guthrie, Wardell (81), 2822 Indiana avenue; arrived 1846; died Nov. 3.
 Haines, Mrs. Emma A. (88), 1535 East 60th street; arrived 1840; died Jan. 7.
 Healy, Robert Wallace (76), Chattanooga, Tenn.; born in Chicago 1836; died Nov. 1.
 Helland, John (70), 1506 South Michigan avenue; arrived 1849; died April 7.
 Hugg, Mrs. Mary Ann (78), 1413 Cleveland avenue; arrived 1849; died Nov. 16.
 Hutton, William (78), 2247 Racine avenue; arrived 1848; died Feb. 18.
 Kelly, Mrs. Joseph (89), Marshalltown, Iowa; arrived in Chicago 1850; died Oct. 5.
 Kinzie, Mrs. Arthur M. (63), Riverside; born in Chicago 1849; died Sept. 12.
 Kroger, Ernest H. (74), 1400 Astor street; born in Chicago 1838; died Jan. 3.
 Lane, Charles B. (89), Worth township; arrived 1837; died Aug. 13.
 Langley, Cyrus B. (87), 115 South Hoyne avenue; arrived 1844; died Dec. 8, 1911.
 Larrabee, Mrs. Mary A. (85), 1153 Dearborn avenue; arrived 1837; died May 18.
 Lawrence, Mrs. Catherine (89), 4220 West Monroe street; arrived 1829; died Aug. 29.
 Leitch, Robert (97), near LaGrange; arrived in Cook county 1830; died March 30.
 Lull, Newton (64), 878 North Clark street; born in Chicago 1848; died March 13.
 Mandel, Simon (1832), merchant, 4925 Drexel boulevard; arrived 1852; Aug. 19.
 Morgan, William (81), Pasadena, Cal.; arrived in Morgan Park, Ill., 1845; died Jan. 20.
 Mortimer, William E. (84), Glencoe, Ill., arrived 1849; died Jan. 29.
 Nelson, Ole (89), 2126 Lemoyne street; arrived 1849; died May 30.

Norton, Myron H. (86), Waukegan; arrived 1847; died Aug. 16.
 Peacock, Mrs. Mary (81), 432 East 48th street; arrived 1843; died Feb. 24.
 Piper, Thomas (77), 3521 South Hermitage avenue; arrived 1852; died Sept. 1.
 Price, Alexander (75), 3001 Calumet avenue; arrived 1836; died Nov. 23.
 Prindville, Mrs. John (65), 1204 North State street; arrived 1852; died Aug. 18.
 Quilbot, Peter V. (90), Shabbona, Ill.; arrived in Chicago 1834; died April 25.
 Reidel, Mrs. Ernest (76), 6628 Newgard avenue; arrived 1837; died Feb. 13.
 Rexford, Fayette D. (84), Centralia, Ill.; arrived in Chicago 1835; died Feb. 21.
 St. Clair, William P. (76), 3846 North 42d avenue; born in Chicago 1836; died May 21.
 Salver, Mrs. Mary (101), Chicago, Jan. 5.
 Snitzer, John (80), 5482 Woodlawn avenue; arrived 1847; died Aug. 16.
 Stanley, Emerson O. (84), Downers Grove, Ill.; arrived 1832; died Aug. 18.
 Starkweather, R. E. (70), 1223 Grove street, Evanston; born in Chicago 1842; died Jan. 20.
 Stewart, John (85), 1937 Stewart avenue; arrived 1850; died May 30.
 Stewart, William W. (84), Fort Worth, Tex.; arrived 1833; died Feb. 10.
 Sullivan, Patrick H. (70), arrived 1845; died June 1.
 Targe, Mrs. Dorothea (89), 1542 Hastings street; arrived 1846; died Jan. 15.
 Umdenstock, Michael (92), 4045 Springfield avenue; arrived 1847; died Jan. 5.
 Wheeler, Gilbert C. (76), 1319 East 50th street; born in Chicago 1836; died Jan. 30.
 Wichelman, Frederick A. (74), 611 East 45th street; arrived 1850; died Sept. 11.
 Williams, Hugh R. (79), 3834 Wilcox avenue; arrived 1851; died Aug. 1.

CHICAGOANS OF ADVANCED YEARS.

The following list contains the names of residents of Chicago who are more than 90 years of age:
 Austin, Alvin (99), 747 South 44th court.
 Bresnan, Mrs. Hannah (104), St. Joseph's hospital.
 Broderick, Michael (95), 1927 Belle Plaine avenue.
 Cain, James A. (103), 6450 Parnell avenue.
 Duffy, Dan (100), 6429 Yale avenue.
 Erickson, Mrs. Martha (91), 6340 Evans avenue.
 Fallon, John (95), 4936 Champlain avenue.
 Fogelstad, Mrs. Bertha (91), 3129 Fullerton avenue.
 Greenebaum, Elias (90), 4510 Grand boulevard.

Jerrain, Mrs. Julie Pelletier (93), 3222 Archer avenue.
 Mitchell, William H. (95), 2094 Calumet avenue.
 Powers, David J. (98), 1943 Lincoln avenue.
 Reynolds, John P. (92), 67 Washington place.
 Savage, Rev. George S. F. (95), 1857 Washington-bd.
 Schoellekopf, Henry (96), 19 West Chicago avenue.
 Todd, William G. (91), 4714 North Robey street.
 Warner, Archelaus (95), 302 West 65th street.
 Williams, M. de La F. (96), King home.
 Wright, Andrew J. (96), 1518 Sunnyside avenue.

ALUMNI ASSOCIATIONS IN CHICAGO.

University and college.

Beloit—President, Walter E. Carr; secretary and treasurer, Walter A. Strong.
 Brown University—Secretary and treasurer, F. L. Morse, 6432 Monroe avenue.
 Chicago Alumni Club (University of Chicago)—President, Donald R. Richberg; secretary and treasurer, William P. McCracken.
 Collegiate Alumnae—President, Miss Elvira D. Cabell; corresponding secretary, Miss Grace Irene Bridge.
 Cornell—President, Frank S. Porter; secretary, R. Warren Sallor, 1415 Michigan avenue.
 De Paul—President, John H. O'Toole; secretary, John B. Craine, 2243 Seminary avenue.
 Hamilton (Western Alumni association)—President, F. A. Spencer, Des Moines, Iowa; secretary, E. O. Heyl, Chicago.
 Harvard Club of Chicago—President, Rev. Herman Page; secretary and treasurer, George S. Jackson.
 Illinois Club of Chicago—President, Fred J. Postel; secretary, A. N. Bennett, 1605 Manhattan building.
 Illinois College—President, Arthur D. Black; secretary, Charles C. Clement.
 Michigan—President, William D. McKenzie; secretary, Floyd Olds.

Middlebury—Secretary, Prof. H. P. Williamson, 4021 Lake avenue.
 Northwestern—President, Ben M. Smith; secretary and treasurer, Francis Adams, Jr., 209 South LaSalle street.
 Notre Dame—President, Francis McKeever; secretary, Thomas G. Sexton.
 Princeton Club of Chicago—President, Clinton S. Day; secretary, Robert C. McNamara, 623 South Wabash avenue.
 Purdue—President, C. I. Hickman; secretary, E. C. DeWolf.
 Swarthmore—Secretary, Francis E. Broomell, 74 West Washington street.
 Union College—President, Henry C. Wood; secretary-treasurer, L. C. Bennett.
 University of Wisconsin—President, Allard Smith; secretary and treasurer, J. G. Wray, 322 West Washington street.
 Wabash—President, H. A. Ritter; secretary, E. E. Ames.
 Washington and Jefferson College—President, J. M. Sweeney; secretary and treasurer, C. C. Meloy.
 Yale Club of Chicago—President, George S. Payson; secretary and treasurer, Carroll Shaffer, 234 South LaSalle street.

PHONES { RANDOLPH 2020
 { AUTO. 44899

HENRY ERICSSON COMPANY

GENERAL CONTRACTORS

139 N. CLARK STREET

SUITE 1720 CITY HALL SQUARE BUILDING

MASONRY A SPECIALTY

CHICAGO

The Northwestern Terra Cotta Co.

Manufacturers of the Highest Grade of

ARCHITECTURAL TERRA COTTA

Main Office and Works { CHICAGO { Branch Office
 2525 CLYBOURN AVENUE { 1415 RAILWAY EXCHANGE

WALLER COAL CO.

ANTHRACITE

COAL

BITUMINOUS

Main Office, Ashland Block

WILLIAM WALLER Telephone Central 2977 F. C. WALLER

PRICES OF MESS PORK AND LARD FOR FORTY YEARS.

The following table shows the lowest and highest cash prices for mess pork and prime steamed lard in the Chicago market for the past forty years and the months in which extreme prices were reached:

YEAR.	MESS PORK.			LARD.		
	Lowest in	Range.	Highest in	Lowest in	Range.	Highest in
1873.	Nov.	\$11.00 @18.00	Apr. and May.	Nov.	\$6.50 @ 9.37½	Apr.
1874.	Jan., Feb., Mar.	13.75 @24.75	Aug.	Jan.	8.20 @15.50	Oct.
1875.	Jan.	17.70 @23.50	Oct.	Nov.	11.80 @15.75	Apr. and May.
1876.	Oct.	15.20 @22.75	Apr.	Sept.	9.55 @13.85	Mar. and Apr.
1877.	Dec.	11.40 @17.95	Jan.	Dec.	7.55 @11.55	Jan.
1878.	Dec.	6.02½@11.35	Jan.	Dec.	5.32½@ 7.50	Aug.
1879.	Jan.	7.27½@13.75	Dec.	Aug.	5.30 @ 7.75	Dec.
1880.	Apr.	9.37½@19.00	Oct.	June	6.35 @ 7.85	Nov.
1881.	Jan.	12.40 @20.00	Sept.	Feb.	9.20 @13.00	July.
1882.	Mar.	16.00 @24.75	Oct.	Mar.	10.05 @13.10	Oct.
1883.	Sept. and Oct.	10.20 @20.15	May.	Oct.	7.15 @12.10	May.
1884.	Dec.	10.55 @19.50	May, June, July	Oct.	6.45 @10.00	Feb.
1885.	Oct. and Nov.	8.00 @13.25	Feb.	Dec.	5.82½@ 7.10	Sept.
1886.	May.	8.20 @12.20	Dec.	May.	5.82½@ 7.92½	Feb. and Apr.
1887.	Jan.	11.60 @24.00	May.	June and Oct.	6.20 @ 7.92½	Dec.
1888.	Dec.	12.90 @16.00	Oct.	Jan.	7.25 @11.20	Oct.
1889.	Dec.	8.35 @13.37½	Jan.	Dec.	5.75 @ 7.55	Jan.
1890.	Dec.	7.50 @13.62½	Apr.	Dec.	5.50 @ 6.52½	Apr.
1891.	Dec.	7.45 @13.00	May.	Feb.	5.47½@ 7.05	Sept.
1892.	Apr.	9.25 @15.05	Dec.	Jan.	6.05 @10.00	Dec.
1893.	Aug.	10.25 @21.50	May.	Aug.	6.00 @13.20	Mar.
1894.	Mar.	10.67½@14.57½	Sept.	Mar.	6.45 @ 9.05	Sept.
1895.	Dec.	7.50 @12.87½	May.	Dec.	5.15 @ 7.17½	Mar.
1896.	Aug.	5.50 @10.85	Jan.	July.	3.05 @ 5.85	Jan.
1897.	Dec.	7.15 @ 9.00	Sept.	June	3.42½@ 4.90	Sept.
1898.	Oct.	7.65 @12.30	May.	Jan. and Oct.	4.62½@ 6.82½	May.
1899.	May and Oct.	7.85 @10.45	Jan.	May.	4.90 @ 5.77½	Jan.
1900.	Nov.	10.37½@16.00	Oct.	Feb.	5.65 @ 7.40	Oct.
1901.	Jan.	12.25 @16.50	Mar.	Jan.	6.90 @10.25	Sept.
1902.	Feb. and Mar.	15.00 @18.70	July.	Feb.	9.07½@11.60	Sept.
1903.	Oct.	10.35 @13.37½	Mar.	Oct.	6.20 @11.00	Sept.
1904.	Sept.	10.60 @16.50	Feb.	May.	6.15 @ 7.92½	Feb.
1905.	Apr.	11.70 @16.50	Oct.	Jan.	6.55 @ 8.10	Aug.
1906.	Jan.	13.45 @20.00	July.	Jan.	7.32½@ 9.85	Nov.
1907.	Sept. and Oct.	13.75 @17.75	Feb.	Oct.	8.42½@ 9.97½	Feb.
1908.	Feb.	10.75 @16.00	July.	Feb.	6.97½@10.45	Oct.
1909.	Jan.	16.25 @25.20	Sept.	Jan.	9.40 @12.65	Sept. and Oct.
1910.	Jan.	17.25 @27.00	July.	Aug.	11.50 @14.65	Mar.
1911.	Oct.	14.50 @21.50	Feb.	Apr.	7.70 @10.67½	Jan.
1912*.	Jan.	15.00 @19.62½	Apr.	Feb.	8.65 @11.97½	Oct.

*Jan. 1 to Nov. 20.

GOVERNMENT OFFICES IN CHICAGO.

The postoffice and all other United States department offices, except where otherwise noted, are in the federal building, which stands on the square bounded by Clark, Adams and Dearborn streets and Jackson boulevard. Postmaster, Daniel A. Campbell. Appraiser's Office—Harrison and Sherman streets; appraiser, Thomas O'Shaughnessy. Bureau of Labor—Room 851; special agent, Lucian W. Chancy.

Custom House—South wing, fourth floor; collector, John C. Ames; special deputy collector, John R. Ford; deputy collector at barge office, 376 River street, James M. Nash.

Hydrographic Office—Room 528; Lieut. J. H. Comfort in charge.

Immigration Bureau—522, 115 Adams street; inspector in charge, Dr. P. L. Prentiss.

Inspectors of Steam Vessels—Room 529; inspector of hulls, Ira B. Mansfield; inspector of boilers, Roy L. Peck.

Internal Revenue Department—East wing, fourth floor; collector, S. M. Fitch; chief deputy, Frank E. Hemstreet; cashier, Frederick W. Rech.

Life-Saving Service—Room 500; inspector, A. J. Henderson.

Lighthouse Department—Room 504; inspector, Lieut. Myles Joyce, U. S. N.

Marine Hospital—Clarendon and Graceland avenues; surgeon in command, Dr. J. O. Cobb.

Naval Office—Room 451; naval officer, Louis K. Torbet; special deputy, Edgar C. Hawley; deputy, Thomas Carr.

United States District Attorney—Rooms 825 to 832; James H. Wilkerson; chief clerk, Wm. A. Small.

United States Engineer—Room 508; Lieut.-Col. George A. Zinn.

United States Marshal—Rooms 804 and 806; marshal, Luman T. Hoy; chief deputy, John P. Wolf.

United States Secret Service—Room 881; Thomas I. Porter, chief operator.

United States Subtreasury—First floor, northwest section; assistant treasurer, Len Small; cashier, Frank C. Russell.

Weather Bureau—Fourteenth floor; professor in charge, Henry J. Cox.

SALARIES OF PRINCIPAL OFFICIALS.

District attorney.....	\$10,000
Postmaster.....	8,000
Collector of customs.....	7,000
Treasurer.....	5,000
Marshal.....	5,000
Naval officer.....	5,000
Internal-revenue collector.....	4,500
United States engineer.....	3,500
Appraiser.....	3,000
Professor of meteorology (weather).....	3,500

INTERNAL REVENUE COLLECTIONS IN CHICAGO.

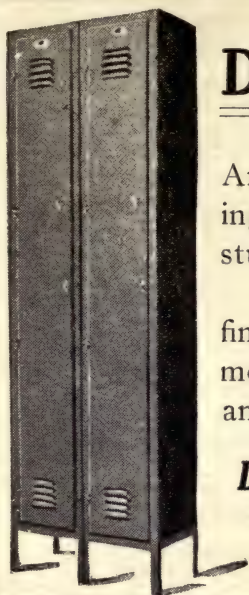
For first district of Illinois, calendar year 1911.

Collections on lists*.....	\$2,800,715.98
Fermented liquor.....	5,595,444.25
Distilled spirits.....	414,974.32
Cigars and cigarettes.....	695,660.06
Snuff.....	404,676.19
Tobacco.....	1,358,250.55
Special tax.....	479,780.09
Oleomargarine (¾c lb.).....	152,613.04
Oleomargarine (10c lb.).....	165,163.70
Process butter.....	49,130.70
Playing cards.....	35,455.82

Total 1911.....12,152,064.72

Total, 1910.....11,652,567.87

*Includes corporation taxes.



Durand Steel Lockers

Are an absolute necessity in every building—employers and employees need them; students need them.

They are made of fine furniture steel, finished in baked enamels; cost very little more than wood and are fireproof, sanitary and safe.

DURAND STEEL LOCKER COMPANY

76 W. MONROE STREET

Telephone Central 6303.

JOHN M. EWEN COMPANY

ENGINEERS AND BUILDERS

THE ROOKERY

CHICAGO

WILLIAM DAVIDSON

LA COVIA BLEND COFFEE

Indorsed by physicians as harmless to nerves and digestion.

315 LOCUST STREET

PHONE 1250 NORTH

CHICAGO GRAIN STATISTICS.

The following tables show the extreme prices in each year for forty years for cash wheat, corn and oats, indicating the month in which such prices were obtained:

WHEAT.				WHEAT.			
YEAR.	Lowest in	Range.	Highest in	YEAR.	Lowest in	Range.	Highest in
1873.	Sept.	\$0.89 @ 1.46	July.	1893.	July.	\$0.54 @ .85	Apr.
1874.	Oct.	.81½ @ 1.28	Apr.	1894.	July.	.50½ @ .63½	Apr.
1875.	Feb.	.83½ @ 1.30½	Aug.	1895.	Jan.	.48½ @ .81½	May.
1876.	July.	.83 @ 1.28½	Dec.	1896.	Aug.	.53 @ .84½	Nov.
1877.	Aug.	1.01½ @ 1.76½	May.	1897.	Apr.	.60½ @ 1.04	Dec.
1878.	Oct.	.77 @ 1.14	Apr.	1898.	Oct.	.62 @ 1.85	May.
1879.	Jan.	.81½ @ 1.33½	Dec.	1899.	Dec.	.64 @ .79½	May.
1880.	Aug.	.86½ @ 1.32	Jan.	1900.	Jan.	.61½ @ .87½	June.
1881.	Jan.	.95½ @ 1.43½	Oct.	1901.	July.	.63½ @ .77½	June.
1882.	Dec.	.91½ @ 1.40	Apr. and May.	1902.	Oct.	.67½ @ .95	Sept.
1883.	Oct.	.90 @ 1.13½	June.	1903.	Jan.	.70½ @ .93	Sept.
1884.	Dec.	.69 @ .96	Feb.	1904.	Jan.	.51½ @ 1.22	Sept., Oct., Dec
1885.	Mar.	.73½ @ .91½	Apr.	1905.	Aug.	.77½ @ 1.24	Feb.
1886.	Oct.	.69½ @ .84½	Jan.	1906.	Aug.	.69½ @ .94½	May.
1887.	Aug.	.66½ @ .94½	June.	1907.	Jan.	.71 @ 1.22	Oct.
1888.	Apr.	.71½ @ 2.00	Sept.	1908.	July.	.84½ @ 1.24	Aug.
1889.	June.	.75½ @ 1.08½	Feb.	1909.	Oct.	1.03 @ 1.60	June.
1890.	Feb.	.74½ @ 1.08½	Aug.	1910.	Oct.	.91½ @ 1.29½	July.
1891.	July.	.84½ @ 1.16	Apr.	1911.	Apr.	.83½ @ 1.17	Oct.
1892.	Oct.	.69½ @ .91½	Feb.	1912.*	Nov.	.85 @ 1.32	Apr. and May

CORN.				OATS.			
YEAR.	Lowest in	Range.	Highest in	Lowest in	Range.	Highest in	
1873.	June.	\$0.27 @ .54½	Dec.	Apr.	\$0.23½ @ .40½	Dec.	
1874.	Jan.	.49 @ .86	Sept.	Aug.	.37½ @ .71	July.	
1875.	Dec.	.45½ @ .76½	May and July.	Dec.	.29½ @ .64½	May.	
1876.	Feb.	.38½ @ .49	May	July.	.27 @ .35	Sept.	
1877.	Mar.	.37½ @ .58	Apr.	Aug.	.22 @ .45½	May.	
1878.	Dec.	.29½ @ .43½	Mar.	Oct.	.18 @ .72½	July.	
1879.	Jan.	.29½ @ .49	Oct.	Jan.	.19½ @ .36½	Dec.	
1880.	Apr.	.31½ @ .43½	Nov.	Aug.	.22½ @ .35	Jan. and May	
1881.	Feb.	.35½ @ .76½	Oct.	Feb.	.29½ @ .47½	Oct.	
1882.	Dec.	.79½ @ 81½	July.	Sept.	.30½ @ .62	July.	
1883.	Oct.	.46 @ .70	Jan.	Sept.	.25 @ .43½	Mar.	
1884.	Dec.	.34½ @ .57	Sept.	Dec.	.23 @ .34½	Apr.	
1885.	Jan.	.34½ @ .49	Apr. and May.	Sept.	.24½ @ .56½	Apr.	
1886.	Oct.	.33½ @ .45	July.	Oct.	.22½ @ .35	Jan.	
1887.	Feb.	.33 @ .51½	Dec.	Mar. and April.	.20½ @ .31½	Dec.	
1888.	Dec.	.33½ @ .60	May.	Sept.	.23½ @ .38	May.	
1889.	Dec.	.29½ @ .60	Nov.	Oct.	.17½ @ .26½	Feb.	
1890.	Feb.	.27½ @ .54½	Nov.	Feb.	.19½ @ .45	Nov.	
1891.	Dec.	.39½ @ .80	Nov.	Oct.	.26 @ .56½	Apr.	
1892.	Jan.	.37½ @ 1.00	May.	Jan.	.28 @ .34½	Aug.	
1893.	Dec.	.34½ @ .44½	May.	July.	.21½ @ .52½	May.	
1894.	Feb.	.33½ @ .50½	Aug.	Jan.	.26 @ .50	June.	
1895.	Dec.	.24½ @ .54½	May.	Dec.	.16½ @ .31½	Jan.	
1896.	Sept.	.19½ @ .30½	Apr.	Sept.	.14½ @ .20½	Feb. and Mar	
1897.	Jan. and Feb.	.21½ @ .32½	Aug.	Feb.	.15½ @ .23½	Dec.	
1898.	Jan.	.26 @ .38	Dec.	Aug. and Sept.	.20½ @ .32	May.	
1899.	Dec.	.30 @ .38½	Jan.	Aug.	.19½ @ .28½	Feb.	
1900.	Jan.	.30½ @ .49½	Nov.	Aug.	.21 @ .26½	June.	
1901.	Jan.	.36 @ .63½	Nov.	Jan.	.23½ @ .42½	Nov.	
1902.	Jan.	.35 @ .83	Nov.	Aug.	.25 @ .56	July.	
1903.	Mar.	.41½ @ .53	July and Aug.	Mar.	.31½ @ .55	July.	
1904.	Jan.	.42½ @ .58½	Nov.	Oct.	.23½ @ .46	Feb.	
1905.	Jan.	.42 @ .64½	May.	Sept.	.25 @ .34½	July.	
1906.	Feb. and March.	.39 @ .54½	June.	Mar.	.28½ @ .42½	June.	
1907.	Jan.	.39½ @ .66½	Oct.	Jan.	.33½ @ .56½	Sept.	
1908.	Feb.	.56½ @ .82	May and Sept.	Aug.	.46 @ .60½	July.	
1909.	Jan.	.58½ @ .77	June.	Oct.	.38½ @ .62½	May.	
1910.	Oct.	.47½ @ .68	Oct.	Oct.	.23½ @ .49	Oct.	
1911.	Jan., Feb., Mar.	.45½ @ .75	Oct.	Nov.	.28½ @ .47½	Apr.	
1912.*	Nov.	.53 @ .83	Aug.	Nov.	.30½ @ .58½	Apr.	

*Jan. 1 to Nov. 20.

HOUSE OF CORRECTION.

South California avenue, near 26th street. Statistics for calendar years.

	1910.			1911.		
	Male.	Female.	Total.	Male.	Female.	Total.
Prisoners received.	11,700	1,383	13,083	11,924	1,271	13,195
Prisoners discharged.	11,813	1,443	13,256	11,638	1,246	12,884
From juvenile court.			854			386
Discharged by juvenile court.			343			371
Prisoners receiving medical treatment.	6,050	1,109	7,159	9,693	889	10,582

CIRCULATION OF THE CHICAGO DAILY NEWS FOR 1912.

DATE.	Jan.	Feb.	March.	April.	*May.	*June.	*July.	*Aug.	*Sept.	*Oct.	*Nov.	Dec.
1.....	Holid'y	342,638	344,930	348,881	356,714	165,206	192,737	197,748	Sunday	258,113	294,380	294,380
2.....	382,173	340,372	342,808	376,649	*391,132	Sunday	208,708	200,231	154,637	280,946	279,640	
3.....	328,635	319,507	Sunday	349,595	55,602	176,664	188,700	179,351	222,254	258,162	Sunday	
4.....	328,777	Sunday	353,595	348,309	44,249	178,306	Holid'y	Sunday	219,873	257,351	308,667	
5.....	326,830	345,772	338,729	349,128	Sunday	182,235	188,279	209,481	217,508	242,350	406,452	
6.....	305,154	345,545	349,580	329,263	57,432	188,028	166,771	213,345	218,965	Sunday	344,465	
7.....	Sunday	344,351	351,992	Sunday	356,085	185,990	Sunday	205,864	203,344	203,507	321,294	
8.....	332,445	345,402	349,422	348,219	54,628	182,442	186,832	186,832	203,344	203,507	321,294	
9.....	333,551	344,951	339,579	386,215	64,648	Sunday	188,833	194,519	223,418	272,721	304,327	
10.....	334,580	318,638	Sunday	399,774	58,127	186,928	184,929	180,366	223,331	270,775	Sunday	
11.....	333,300	Sunday	352,481	362,009	23,656	186,855	188,616	Sunday	225,599	272,612	319,154	
12.....	333,946	341,264	350,810	352,181	Sunday	181,922	187,725	208,860	225,056	251,274	323,915	
13.....	311,872	347,288	352,354	381,955	65,072	181,525	172,135	206,375	223,131	Sunday	323,110	
14.....	Sunday	350,021	349,118	Sunday	364,625	192,140	Sunday	204,670	211,273	275,282	319,174	
15.....	338,042	349,347	354,673	362,988	186,670	185,249	192,007	200,001	Sunday	317,905	320,987	
16.....	338,306	405,479	329,302	389,191	178,752	Sunday	192,547	208,847	236,738	256,767	305,086	
17.....	345,055	324,544	Sunday	362,537	200,005	201,554	195,117	184,181	236,580	254,452	Sunday	
18.....	343,484	Sunday	356,154	386,253	189,967	210,410	191,286	Sunday	247,628	286,254	334,640	
19.....	337,482	350,407	354,215	392,845	Sunday	214,006	188,535	211,495	246,467	266,353	334,115	
20.....	341,900	348,151	342,586	344,892	168,685	198,703	174,040	210,736	243,102	Sunday	335,046	
21.....	Sunday	327,439	349,790	Sunday	164,100	205,100	Sunday	213,722	220,349	289,142	338,023	
22.....	347,124	338,285	351,158	390,495	175,159	206,124	193,211	213,337	Sunday	285,430	322,636	
23.....	345,261	345,003	355,354	361,590	168,470	Sunday	194,896	214,244	250,969	291,702	311,461	
24.....	346,491	324,127	Sunday	360,011	169,224	206,741	191,383	192,855	250,972	299,208	Sunday	
25.....	344,760	Sunday	353,900	357,999	154,333	182,269	191,609	Sunday	250,869	299,097	338,842	
26.....	343,101	345,245	365,292	358,345	Sunday	187,431	194,284	216,940	249,998	271,221	Sunday	
27.....	320,095	366,309	353,212	332,712	169,220	191,959	172,668	214,570	251,221	297,221	331,084	
28.....	Sunday	346,388	351,635	Sunday	165,891	193,287	Sunday	215,051	228,612	292,382	Holid'y	
29.....	348,164	344,152	349,965	356,594	173,758	175,963	194,017	214,067	Sunday	292,760	337,458	
30.....	344,579	.....	333,596	353,801	128,861	Sunday	196,229	215,332	259,400	285,005	316,756	
31.....	344,086	.....	Sunday	.....	175,299	.....	199,895	192,007	.....	285,096	.....	
Total.....	8,695,481	8,579,341	9,059,581	9,342,794	3,434,638	4,648,632	4,867,676	5,506,656	5,728,979	7,461,137	8,096,283	
Average.....	334,364	343,173	348,445	359,388	127,208	185,945	187,218	204,950	229,159	276,338	323,851	

Unsold copies are deducted in the totals.

TOTAL FOR THE YEAR 1911 (excluding December)..... *75,419,193 COPIES
DAILY AVERAGE FOR THE YEAR 1911 (excluding December)..... *264,628 COPIES

AVERAGE DAILY ISSUE OF THE CHICAGO DAILY NEWS FOR EACH MONTH FROM THE SECOND YEAR OF ITS PUBLICATION.

YEAR.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Average.
1877.....	11,429	14,841	16,414	18,408	20,715	22,769	35,320	25,366	25,204	23,312	24,439	26,715	22,037
1878.....	28,406	37,019	37,796	37,867	38,348	43,743	49,844	40,911	39,371	38,777	39,380	36,817	38,314
1879.....	38,667	41,446	46,259	46,608	47,105	49,428	47,560	46,800	44,571	44,310	44,992	44,760	45,194
1880.....	48,801	49,455	49,874	49,445	53,534	58,776	56,049	60,629	57,458	58,506	59,672	54,473	54,801
1881.....	57,795	62,965	67,959	69,305	65,067	63,832	71,209	70,397	68,551	62,667	58,100	60,385	64,870
1882.....	61,679	66,941	66,058	65,208	65,193	70,408	73,078	70,456	67,908	63,907	64,819	66,000	66,000
1883.....	67,278	71,379	77,153	76,994	77,462	78,603	78,177	79,423	73,185	71,963	74,527	74,919	75,115
1884.....	76,877	82,538	86,828	87,852	88,645	93,292	91,231	88,495	86,221	89,196	107,429	82,465	88,306
1885.....	84,119	89,959	98,029	104,513	100,802	100,238	108,823	101,329	97,900	96,817	102,705	102,497	99,005
1886.....	104,197	110,325	116,024	117,809	125,294	113,471	112,438	117,677	109,728	110,460	115,108	110,148	113,615
1887.....	114,022	119,145	125,010	124,912	118,745	122,714	126,925	125,178	123,128	122,659	124,696	122,419	125,225
1888.....	120,657	126,801	137,123	136,400	135,321	140,525	128,897	123,852	113,894	127,724	135,537	147,798	136,676
1889.....	120,947	126,446	130,828	132,348	131,378	148,576	142,653	134,238	130,018	124,047	131,777	159,038	128,676
1890.....	136,365	141,885	142,655	143,633	136,923	130,414	125,136	125,190	121,016	120,304	139,020	144,359	136,659
1891.....	136,936	139,769	144,167	146,196	141,953	141,733	141,858	139,707	138,025	137,294	140,524	145,707	142,022
1892.....	148,232	155,402	159,849	162,663	161,904	169,096	170,430	166,259	171,053	166,626	173,070	168,430	164,175
1893.....	171,818	180,019	188,567	191,383	196,218	202,267	201,591	203,216	190,481	188,966	192,575	200,589	192,465
1894.....	206,388	204,471	207,590	206,285	198,495	195,895	232,022	191,071	185,595	186,070	197,256	200,881	
1895.....	198,947	207,246	211,378	212,492	206,732	202,605	201,378	195,907	193,811	195,562	202,555	202,762	202,496
1896.....	206,751	213,032	215,642	212,104	200,845	210,263	206,272	219,558	189,106	190,760	206,009	200,473	204,724
1897.....	201,340	208,779	226,392	231,396	222,560	217,707	212,111	219,558	229,733	228,670	225,267	225,267	225,266
1898.....	239,065	249,951	260,222	256,313	238,695	310,820	298,526	279,243	262,061	257,339	259,085	264,947	275,514
1899.....	260,965	266,761	267,597	267,667	253,148	252,405	249,243	250,598	250,564	256,681	271,733	269,975	269,975
1900.....	279,219	287,116	288,389	286,657	275,427	272,598	262,081	261,109	268,278	276,960	280,789	271,384	275,788
1901.....	281,609	287,113	292,285	295,514	283,297	281,698	275,910	271,783	304,780	292,918	295,635	286,526	288,156
1902.....	304,466	309,198	310,835	305,825	300,007	307,400	301,915	305,133	299,407	302,396	300,589	304,218	
1903.....	304,870	310,033	311,711	311,734	302,644	306,305	297,300	294,147	305,351	301,732	312,165	319,518	305,594
1904.....	321,084	328,084	329,588	329,624	329,624	329,624	329,624	329,624	303,431	309,212	314,616	307,765	319,539
1905.....	316,800	317,994	325,024	322,607	325,373	318,204	306,335	310,567	301,714	301,540	305,211	308,905	312,637
1906.....	313,378	325,877	328,589	336,791	330,812	316,595	313,428	311,351	309,372	311,133	313,621	324,545	318,185
1907.....	322,586	336,876	337,125	336,366	324,524	320,681	312,069	308,511	310,822	320,136	324,614	324,545	326,079
1908.....	334,006	338,955	343,811	336,453	334,474	324,372	314,669	311,147	313,850	318,928	328,650	322,278	325,674
1909.....	323,925	334,394	337,599	334,429	325,881	325,791	315,633	311,885	318,444	321,928	329,251	324,682	326,638
1910.....	324,574	332,242	338,438	342,346	331,200	328,137	316,951	316,558	316,344	321,346	315,828	314,309	325,028
1911.....	317,628	321,475	321,645	331,087	322,158	320,932	312,449	318,408	321,302	329,002	328,226	330,096	322,838
1912 *.....	334,394	343,173	344,645	339,388	127,208	185,945	187,218	205,950	229,159	276,338	323,851	(*)	(*)

*A strike in the mechanical and distributing departments of all Chicago newspapers began May 2, affecting circulation until Nov. 18. The records for May and the first part of June are incomplete because of the demoralization of the machinery of distribution. The figures from May 2 to 14 are very

much below the number sold, while those from May 15 to June 11 are swollen by unsold papers of which no record was at the time possible. The daily average for the month of May is believed to be under rather than over the actual net sold circulation, while the June average is slightly in excess of the net sold.

The omission of circulation figures for December is due to going to press before the end of the month; the circulation for the entire year will be given in subsequent editions of the Almanac.

TABLE OF CONTENTS

OF FIRST TWENTY-EIGHT VOLUMES (1885 TO 1912 INCLUSIVE) OF THE CHICAGO DAILY NEWS ALMANAC AND YEAR-BOOK.

NOTE—The figures following the year are the page numbers of that volume.

Complete sets of THE DAILY NEWS ALMANAC AND YEAR-BOOK from the year 1885 to 1913 inclusive can be supplied for \$14, transportation prepaid. The first five issues for the years 1885, 1886, 1887, 1888 and 1889 are bound in one volume, half morocco, library style. This volume is sold only to purchasers of complete sets. A complete set embraces the library volume and a cloth bound issue for each succeeding year.

Single cloth bound copies can be bought only for the years 1890, 1893, 1894, 1895, 1896, 1898, 1899, 1900, 1903, 1909, 1911, 1912 and 1913. These are supplied at the rate of 50 cents each, transportation prepaid. Single paper covered copies can be supplied for each year from 1886 to 1903, except 1897 and 1899, for 25 cents each at the office of publication, or 35 cents by mail.

Orders should be addressed to THE DAILY NEWS office, 15 5th avenue, North, Chicago.

Abdul Hamid Deposed—1910, 212.
 Abyssinia—1902, 121; 1903, 170; 1904, 218; 1905, 117; 1906, 124; 1907, 115; 1908, 184; 1909, 182; 1910, 192; 1911, 127; 1912, 207.
 Academy, French—1902, 132; 1903, 152; 1904, 134; 1905, 70; 1906, 134; 1907, 57; 1908, 210; 1909, 243; 1910, 205; 1911, 92; 1912, 130.
 Academy of Design, National—1912, 479.
 Academy of Fine Arts, Chicago—1909, 491; 1910, 498; 1911, 546; 1912, 552.
 Academy of Sciences—1903, 418; 1904, 398; 1905, 417; 1906, 371; 1907, 429; 1908, 401; 1909, 572; 1910, 558; 1911, 510; 1912, 550.
 Acapulco Theater Fire—1910, 152.
 Accidents, Football—1911, 408; 1912, 470.
 Accidents, Fourth of July—1904, 429; 1905, 73; 1907, 64; 1908, 62; 1909, 270; 1910, 216; 1911, 174; 1912, 244.
 Accidents, Hunting—1910, 433; 1911, 491; 1912, 467.
 Actors' Fund—1902, 422; 1908, 380.
 Actors, Stage Names—1889, 186.
 Adams, J. G. B., Sketch—1894, 64.
 Addams, Jane, Sketch—1910, 391.
 Adventists—See Religion, Statistics of.
 Aeronautical Progress—1909, 315; 1910, 282; 1911, 314; 1912, 360.
 Afghanistan—1902, 120; 1903, 169; 1904, 218; 1905, 116; 1906, 124; 1907, 114; 1908, 184; 1909, 182; 1910, 192; 1911, 126; 1912, 206.
 Africa, Partition—1899, 100.
 African Explorations—1891, 318.
 Age, When a Man Is of—1889, 138.
 Age of Presidents at Inauguration—1886, 16.
 Agriculture, Statistics—In each volume.
 Agriculture vs. Manufactures—1898, 104.
 Aguinado, E.—1900, 225; 1901, 260; 1902, 141.
 Aid Given Chicago in 1871—1904, 387.
 Ailes, M. E., Sketch—1902, 99.
 Air, Danger of Foul—1889, 162.
 Airship, Santos-Dumont's—1907, 251.
 Airship, Wellman—See Wellman Expedition.
 Airships, Military—1908, 130.
 Alaska, Boundary Dispute—1896, 79; 1898, 257 (map 256); Purchase, 1901, 134; Award, 1904, 135.
 Alaska—1907, 175; 1908, 241; 1909, 176; 1910, 205; 1911, 116; 1912, 215.
 Alaska-Yukon-Pacific Exposition—1907, 470; 1908, 390; 1909, 408; 1910, 326.
 Alcohol in Beverages—1891, 102.
 Aldermen, Board of—(In each volume).
 Aldrich-Payne Tariff—1910, 37.
 Aldrich-Vreeland Law—See Currency Reform.
 Alexander, E., Sketch—1894, 60.
 Alfonso XIII.—1903, 13, 236. Attempt to Assassinate, 1906, 166; 1907, 26.
 Algaciras Conference—1907, 85.
 Alger, R. A., Sketch—1893, 301; 1903, 234.
 Algeria—1906, 124; 1907, 115; 1909, 182; 1910, 192; 1911, 127; 1912, 207.
 Allen Land Owning—1896, 81.
 Allee, J. H., Sketch—1904, 202.
 Allen, C. H., Sketch—1901, 249.
 Allen, Frederick L., Sketch—1902, 99.

Allen, H. N., Sketch—1898, 206.
 Allied Third Party—1902, 108.
 Allison, William B., Sketch—1903, 234.
 Alloys, Principal—1892, 155.
 Altgeld, Gov., to Cleveland—1895, 82, 84.
 Alumni Associations, Chicago—1903, 432; 1904, 391; 1905, 385; 1906, 448; 1908, 443; 1909, 413; 1910, 524; 1911, 501; 1912, 614.
 Alvey, R. H., Sketch—1897, 158.
 America Cup Races—1894, 356; 1896, 376; 1899 and succeeding volumes.
 America, Discovery—1894, 199.
 American-French Arbitration—1909, 220.
 American-French Reciprocity—1909, 37.
 American Institutions, League to Protect—1893, 185; 1894, 110.
 American-Japanese Agreement—1909, 404; 1912, 98.
 Ames, A. A., Trial—1904, 245.
 Amundsen, Roald, Expedition—1907, 246; 1910, 331; 1911, 175; 1912, 210.
 Anarchy—1902, 108, 110, 111; 1909, 110, 215, 282; 1912, 215.
 Anderson, W. F., Sketch—1909, 332.
 Andrew, A. P., Sketch—1911, 333.
 Angell, J. B., Sketch—1898, 204.
 Anglo-Boer War—1900, 123; 1901, 104, 119; 1902, 111, 217; 1903, 210; 1905, 73; 1906, 75; 1907, 99; 1908, 135; 1909, 37; 1910, 207; 1911, 68; 1912, 122.
 Anglo-French Treaty—1905, 176.
 Anglo-Japanese Alliance—1903, 145; 1906, 127; 1912, 130.
 Anglo-Russian Treaty—1903, 339.
 Ankeny, Levi, Sketch—1904, 202.
 Anti-Imperialist League—1900, 123; 1901, 104, 119.
 Antiquities, American—1911, 87; 1912, 101.
 Antitrust Conference—1900, 122.
 Aoki, Ambassador, Recalled—1908, 395.
 Apostles, Fate—1888, 128.
 Apportionment, Congressional—In each volume since 1891.
 Appropriations by Congress—(See Expenditures).
 Appropriations, Chicago—1904, 404; 1905, 415; 1907, 334; 1908, 466; 1909, 480; 1910, 486; 1911, 494; 1912, 70, 274.
 Appropriations, Cook County—1903, 380; 1904, 371; 1905, 374; 1907, 400; 1908, 440; 1909, 452; 1910, 464; 1911, 479; 1912, 525.
 Appropriations, Illinois—1904, 429; 1907, 395; 1909, 431; 1910, 456; 1911, 465; 1912, 516.
 Aqueduct, Great, in Australia—1904, 16.
 Aquidaban, Loss of—1907, 101.
 Arbitration Laws of States—1895, 90.
 Arbitration Treaties—1905, 123; 1909, 220; 1912, 477.
 Arctic and Antarctic Exploration—1892, 89; 1902, 156; 1903, 135; 1904, 242; 1905, 257; 1906, 113; 1907, 246; 1908, 134; 1909, 190; 1910, 328; 1911, 175; 1912, 210.
 Area, Chicago, Growth of—1908, 494, 495; 1909, 494; 1910, 524; 1911, 516; 1912, 529.
 Area, United States—1902, 86; 1903, 74; 1904, 75; 1905, 72; 1906, 71; 1907, 59; 1908, 48; 1909, 45; 1910, 83; 1911, 324; 1912, 200, 370.
 Areas, Comparisons (Maps)—1894, 218.
 Argentina—1902, 122; 1903, 171; 1904, 219; 1905, 117; 1906, 125; 1907, 116; 1908, 185; 1909, 183; 1910, 193; 1911, 127; 1912, 207.
 Arizona, Admission of—1911, 42; 1912, 73.
 Arizona, Constitution—1912, 77.
 Armenia and Turkey—1897, 130.
 Armenians, Massacre of—1910, 196; 1911, 71.
 Armies of Great Powers—1894, 125; 1896, 232; 1899, 97; 1902, 222; 1903, 128; 1904, 83; 1905, 90; 1906, 130; 1907, 106; 1908, 341; 1909, 150; 1910, 248; 1911, 282; 1912, 243.
 Army Lists (Active and Retired)—In all volumes from 1886.
 Army Officers, Where Born—1899, 126.
 Army Organization—1902, 195; 1904, 184; 1905, 160; 1906, 173; 1909, 143.
 Army Staff Law—1904, 185.
 Army, United States, Strength—In each volume since 1897.
 Around World in Forty Days—1912, 108.
 Art Commission, Chicago—1904, 377; 1905, 390; 1906, 411.
 Art Commission, State—1910, 441; 1912, 502.
 Art Galleries, Leading—1911, 76; 1912, 114.

FOR INDEX OF THE CURRENT VOLUME SEE PAGES 3-12.

- Art Institute—1902, 406; 1903, 402; 1904, 399; 1905, 405; 1906, 401; 1907, 446; 1908, 473; 1909, 572; 1910, 558; 1911, 546; 1912, 598.
- Art League, Municipal—1904, 396; 1905, 410; 1906, 448; 1907, 446; 1908, 488; 1909, 522; 1910, 514; 1911, 501; 1912, 646.
- Asphalt Dispute, Venezuela—1906, 149.
- Assassinations—1897, 251; 1902, 110; 1905, 143; 1909, 132, 172.
- Assessments, Chicago—In each volume since 1902.
- Assessments, Cook County—In each volume since 1891.
- Assessments, Illinois—In each volume since 1908.
- Assessments of Corporations—1902, 422.
- Assessments, Digest—1894, 48; 1895, 147.
- Associated Press—1903, 56; 1904, 165; 1905, 261; 1907, 117; 1908, 244; 1909, 95; 1910, 152; 1911, 201; 1912, 213.
- Associations, National—1902, 240; 1903, 271; 1904, 426; 1905, 278; 1906, 344; 1907, 470; 1908, 162, 352; 1909, 455; 1910, 402; 1911, 556; 1912, 479.
- Asylums, Chicago—In each volume since 1902.
- Atlanta (Ga.) Race War—1907, 242.
- Atlantic City Disaster—1907, 264.
- Atlantic Fisheries Dispute—1911, 69.
- Auditorium, Chicago—1891, 350.
- Australia, Commonwealth—1896, 61; 1902, 114; 1903, 104; 1904, 212; 1905, 110; 1906, 118; 1907, 108; 1908, 180; 1909, 178; 1910, 188; 1911, 122; 1912, 202.
- Austria-Hungary—1902, 115; 1903, 165; 1904, 213; 1905, 111; 1906, 119; 1907, 109; 1908, 180; 1909, 178; 1910, 188; 1911, 122; 1912, 202.
- Austro-Servian Dispute—1910, 126.
- Autocracy, Russian, Surrendered—1906, 311.
- Automobiles—1902, 66, 306; 1903, 269; 1908, 158, 472.
- Aviation—(See Aeronautical Progress.)
- Aviation Fatalities—1912, 364.
- Aylesworth, A. B., Sketch—1904, 205.
- Bacon, Robert, Sketch—1906, 298.
- Baer, George T., Sketch—1903, 238.
- Bailey, Joseph W., Sketch—1902, 99; 1903, 353.
- Baker, L., Sketch—1894, 60; 1896, 89.
- Baku Riots—1906, 311.
- Balfour, A. J., Sketch—1903, 236.
- Balkan Crisis—1909, 318.
- Ball, Lewis H., Sketch—1904, 202.
- Ballinger-Pinchot Controversy—1911, 311; 1912, 225.
- Ballinger, R. A., Sketch—1908, 353; 1910, 33.
- Balloon Ascent, Highest—1903, 149; 1909, 153.
- Ballooning, Schools of—1908, 130.
- Ballot Reform—1892, 51; 1910, 276; 1912, 83, 91, 93.
- Ballot, Short—1912, 91.
- Baltimore Fire—1905, 169.
- Banana Trade—1903, 272.
- Bangor, Me., Fire—1912, 129.
- Bank Clearings—In each volume.
- Bank Failures—1902, 338; 1903, 286.
- Bank Guaranty, Kansas—1910, 123.
- Bank Guaranty, Nebraska—1910, 125.
- Bank Guaranty, Oklahoma—1909, 106.
- Bank Guaranty Laws Legal—1912, 181.
- Bank Notes, Life of—1899, 305.
- Banks, British Post Office—1902, 109.
- Banks, Chicago—In each volume since 1891.
- Banks, National—In each volume since 1891.
- Banks, Savings—1894, 395; 1898, 280; 1901 and succeeding volumes.
- Baptists—See Religion, Statistics.
- Bard, T. R., Sketch—1901, 246.
- Barbers, Registration of, Illinois—1910, 441.
- Barker, Wharton, Sketch—1899, 222; 1901, 243.
- Barker-Keller Trial—1902, 107.
- Barometer Table—1906, 191; 1908, 269; 1909, 278; 1910, 27; 1911, 176; 1912, 141.
- Bashford, James W., Sketch—1905, 206.
- Bates, J. C., Sketch—1899, 223.
- Battle Ship Fleet Cruise—1909, 219, 1910, 260; 1911, 162.
- Bayard, T. F., Sketch—1894, 59.
- Beattie Murder Case—1912, 562.
- Beaubien, Alexander, Death of—1908, 62.
- Beaune, A. M., Sketch—1904, 206.
- Reef Trust Cases—1904, 95; 1906, 350; 1907, 262.
- Beer—1891, 75; 1892, 110; 1893, 61; 1894, 81; 1895, 67.
- Belgium—1902, 115; 1903, 165; 1904, 213; 1905, 111; 1906, 119; 1907, 109; 1908, 180; 1909, 178; 1910, 188; 1911, 122; 1912, 203.
- Bells, Great—1893, 178.
- Bender Murders—1909, 282.
- Benevolent Institutions—1907, 64.
- Bennington Disaster—1906, 162.
- Benson, Alfred W., Sketch—1907, 272.
- Bentley, C. E., Sketch—1897, 156.
- Berger, V., Sketch—1911, 332.
- Bering Sea Dispute—1893, 65; 1894, 37.
- Berlin, Wreck of the—1908, 169.
- Berry, Joseph H., Sketch—1905, 206.
- Berry, William H., Sketch—1906, 300.
- Bessey, Charles E., Sketch—1912, 404.
- Beverages, Alcohol in—1891, 102.
- Beveridge, A. J., Sketch—1900, 126.
- Bialystok Massacre—1907, 270.
- Bible—1887, 13; 1894, 212; 1902, 156.
- Bibles, The Seven—1892, 53.
- Bickerdyke Memorial—1904, 363.
- Bicycle Industry—1903, 153.
- Bidwell, J., Sketch—1893, 62.
- Bidwell, J., Letter—1893, 166.
- Bigelow Defalcation—1906, 343.
- Billings, Frank, Sketch—1903, 237.
- Biometallism—1894, 101; 1898, 262; 1899, 154; 1900, 122.
- Bird Reserves—1911, 173; 1912, 246.
- Birds, Cages—1908, 59.
- Birds of Illinois—1909, 174.
- Births and Birth Rates—1901, 137; 1903, 93; 1904, 71; 1905, 73; 1906, 75; 1907, 57; 1908, 62; 1909, 63; 1910, 93; 1911, 139; 1912, 397.
- Births Per Hour and Minute—1909, 63; 1910, 94.
- Birth Stones—1909, 273; 1910, 148; 1912, 149.
- Bissell, W. S., Sketch—1894, 58.
- Bjornson, R., Death of—1911, 68.
- Black, John C., Sketch—1904, 206; 1911, 182.
- Black River Falls Flood—1912, 394.
- Blackburn, J. C. S., Sketch—1901, 246.
- Blanchard, N. C., Sketch—1895, 105.
- Bleriot Flies Over English Channel—1910, 283.
- Blind and Deaf in Chicago—1905, 433; 1910, 510.
- Bliss, C. N., Sketch—1898, 202.
- Bluefields Incident—1895, 235.
- Bokhara—1902, 120; 1906, 169; 1904, 218; 1905, 116; 1906, 124; 1907, 114; 1908, 184; 1909, 182; 1910, 192; 1911, 126; 1912, 206.
- Bolivia—1902, 122; 1903, 171; 1904, 219; 1905, 117; 1906, 125; 1907, 116; 1908, 185; 1909, 183; 1910, 193; 1911, 127; 1912, 207.
- Bonaparte, C. J., Sketch—1906, 298.
- Bond Bill—1897, 111.
- Bond Syndicate—1896, 191.
- Book, Smallest in World—1902, 65.
- Books, Most Popular—1902, 218.
- Books Produced in 1907—1903, 113.
- Books, Rare of the World—1902, 186; 1903, 217.
- Books, Record Prices for—1912, 172.
- Borah, W. E., Sketch—1908, 353.
- Borden, R. L., Sketch—1912, 404.
- Borup-Macmillan Expedition—1912, 210.
- Bosnia, Annexation of by Austria—1909, 318.
- Bosschietter Trial—1902, 107.
- Bottles, Drift of Floating—1902, 64.
- Boulevards—See Chicago Parks and Boulevards.
- Bourne, J., Sketch—1908, 353.
- Boutell, H. S., Sketch—1892, 404.
- Bowen, W., Sketch—1894, 204.
- Bowers, L. W., Sketch—1910, 391.
- Boxer Indemnity—1908, 191; 1909, 163.
- Boxers, The—1901, 269.
- Boxes, Capacity—1889, 189.
- Boycott, Chinese—1906, 351.
- Boycotting (Danbury case)—1909, 256.
- Boycotting (Buck Stove Co. case)—1912, 64.
- Boy Scout Movement—1912, 473.
- Boyetown (Pa.) Fire—1909, 260.
- Bradley, W. O., Sketch—1896, 93; 1909, 322.
- Braga, T., Sketch—1911, 233.
- Bragg, E. S., Sketch—1902, 235.
- Brandegee, Frank B., Sketch—1906, 297; 1910, 391.
- Brazil—1902, 122; 1903, 171; 1904, 219; 1905, 125; 1907, 116; 1908, 185; 1909, 183; 1910, 193; 1911, 127; 1912, 207.
- Breckinridge, C. R., Sketch—1895, 105.
- Breckinridge, J. C., Sketch—1899, 227.
- Brennan's Monorail—1908, 243.
- Briland, Attempt to Kill—1912, 213.
- Briceville Mine Disaster—1912, 497.
- Bridge Disaster, Quebec—1908, 338.
- Bridges, Great—1898, 245; 1903, 193; 1905, 102; 1909, 264.
- Bridges, New York—1909, 246.
- Briggs, F. O., Sketch—1903, 353.
- Bristol, F. M., Sketch—1909, 322.
- British Budget Dispute—1910, 431.
- Brodhead, J. O., Sketch—1894, 60.

- Brodie, Alexander O., Sketch—1902, 99.
 Brokers' Technicalities—1893, 75.
 Brooke, J. R., Sketch—1899, 227.
 Broom Corn Production—1907, 470.
 Broward, N., Sketch—1911, 333.
 Brown, Arthur, Sketch—1897, 160.
 Brown, Elmer E., Sketch—1907, 272.
 Brown, George N., Sketch—1902, 99.
 Brown, Norris, Sketch—1908, 353.
 Brown, W. C., Sketch—1910, 391.
 Brownsville Affair—1910, 65.
 Brussels Exposition Fire—1911, 52.
 Bryan, C. P., Sketch—1898, 206; 1904, 204.
 Bryan, N. F., Sketch—1912, 404.
 Bryan, W. James, Sketch—1909, 322.
 Bryan, W. J., Sketch—1897, 154; 1901, 242; 1909, 321.
 Bryan's New York Speech—1908, 80.
 Bubonic Plague in India—1906, 76.
 Bucharest's Population—1902, 218.
 Buchtel, Henry A., Sketch—1907, 273.
 Buck, A. E., Sketch—1898, 205.
 Buck's Stove Company Boycott—1910, 275.
 Buckner, S. B., Sketch—1897, 157.
 Buffalo, American—1908, 260.
 Builders, Hints for—1887, 7.
 Building, Tallest—1903, 102; 1908, 105.
 Buildings, High, in New York—1906, 348.
 Buildings, Highest—1912, 152.
 Buildings, Notable, Chicago—1910, 515, and succeeding volumes.
 Bulgaria—1902, 115; 1903, 165; 1904, 213; 1906, 119; 1907, 109; 1908, 181; 1909, 179; 1910, 189; 1911, 123; 1912, 203.
 Bulgarian Independence Proclaimed—1909, 318.
 Bulkeley, Morgan G., Sketch—1906, 297.
 Burke, John, Sketch—1911, 333.
 Burkett, Elmer J., Sketch—1906, 297.
 Burnham, Henry E., Sketch—1902, 99; 1908, 353.
 Burr, William B., Sketch—1905, 205.
 Burrows, J. C., Sketch—1896, 89.
 Burt, William, Sketch—1905, 23.
 Burton, C. G., Sketch—1908, 353.
 Burton, Joseph R., Sketch—1902, 99.
 Burton, T. E., Sketch—1910, 391.
 Bushel Weights, Illinois—1908, 195.
 Bushel Weights, Statutory—1905, 23; 1906, 19; 1907, 21; 1908, 30; 1909, 277; 1910, 151; 1911, 181; 1912, 150.
 Bushnell, A. S., Sketch—1896, 93.
 Butler, Marlon, Sketch—1896, 90; 1899, 228.
 Butler, N. M., Sketch—1903, 237.
 Butterworth, B., Sketch—1898, 207.
 Cabinets, United States—In each volume since 1901.
 Cables of the World—1903, 102; 1904, 136; 1907, 86; 1908, 42.
 Caceres, President, Killed—1912, 482.
 Caffery, D., Sketch—1901, 246.
 Calabria, Earthquakes in—1906, 319; 1911, 86.
 Camden, J. N., Sketch—1894, 64.
 Campaign Contributions—1912, 69.
 Campbell, T. L., Sketch—1901, 249.
 Canada—1902, 114; 1903, 164; 1904, 212; 1905, 110; 1907, 108; 1908, 179; 1909, 177; 1910, 187; 1911, 121; 1912, 201.
 Canadian-American Commission—1899, 159.
 Canadian Reciprocity—1912, 67.
 Canadian Sunday Law—1907, 192.
 Canal, Drainage—See Sanitary District.
 Canal, Hennepin, Opened—1908, 231; 1911, 94; 1912, 121.
 Canal, Isthmian—1892, 60; 1900, 115; 1901, 280, 298.
 Treaty, 1901, 331. Bill for 1903, 145; 1904, 250.
 1905, 339; 1906, 133; 1907, 105; 1908, 232; 1909, 170; 1910, 180; 1911, 63; 1912, 118.
 Canal, Isthmian, Fortification of—1912, 66.
 Canal, New York State—1909, 90; 1910, 184; 1911, 94; 1912, 121.
 Canal, Suez—1904, 15.
 Canals and Rivers—1899, 273; 1900, 118, 140.
 Canals, Great Ship—1903, 17; 1904, 19; 1905, 21; 1907, 18; 1908, 43; 1909, 279; 1910, 184; 1911, 94; 1912, 122.
 Canals in the United States—1909, 89; 1910, 183; 1911, 83; 1912, 121.
 Cannon, F. J., Sketch—1897, 160.
 Canonsburg, Pa., Disaster—1912, 252.
 Canteen, Army—1901, 170.
 Cape of Good Hope—1906, 124; 1909, 183; 1910, 192.
 Capital, National—1899, 181; 1900, 93; 1909, 268.
 Capital Punishment—1906, 136; 1907, 55; 1908, 32; 1909, 268; 1910, 168; 1911, 136; 1912, 152.
 Capital Stock Assessment—1906, 390.
 Capitol in Washington—1908, 63; 1909, 124, and in succeeding volumes.
 Car, Capacity—1887, 17.
 Car Ferry Wreck—1911, 345.
 Carlisle, J. G., Sketch—1894, 57.
 Carlos I., Assassinated—1909, 132.
 Carlos, Don, Death of—1910, 179.
 Carmack, Edward W., Sketch—1902, 99.
 Carnegie, Andrew, Gifts—1902, 68; 1904, 250; 1905, 240.
 Carnegie Corporation—1912, 407.
 Carnegie Foundation—1906, 359; 1907, 248; 1908, 133; 1909, 263; 1910, 132; 1911, 85; 1912, 121.
 Carnegie Hero Fund—1905, 261; 1906, 360; 1907, 247; 1909, 261; 1910, 217; 1911, 83; 1912, 123.
 Carnegie Institution—1903, 44; 1904, 126; 1905, 86; 1906, 358; 1907, 103; 1908, 133; 1909, 263; 1910, 105; 1911, 132; 1912, 127.
 Carnegie Libraries—1910, 218.
 Carnegie Peace Fund—1911, 451; 1912, 99.
 Carr, Gen. E. A., Sketch—1893, 63.
 Carroll, George W., Sketch—1905, 203.
 Carroll Earthquake—1911, 340.
 Carter, G. R., Sketch—1904, 204.
 Carter, T. H., Sketch—1896, 89; 1906, 297.
 Casablanca Decision—1912, 99.
 Castro, President, Deposed—1910, 209.
 Catchings, Cleveland to—1895, 126.
 Cathedrals, Great—1891, 334.
 Catholic Church—See Religion, Statistics.
 Cemeteries, Chicago—In each volume since 1902.
 Cemeteries, National—1904, 405; 1905, 282; 1906, 360; 1907, 245; 1908, 32; 1909, 220; 1910, 433; 1911, 336; 1912, 276.
 Census Bureau—1901, 308; 1912, 219, 391.
 Census, Quinquennial—1896, 194.
 Census, School, Chicago—1905, 431; 1907, 423; 1908, 473; 1909, 465; 1910, 509; 1911, 578; 1912, 563.
 Census, Thirtieth United States—1910, 206; 1911, 432.
 Centenarians in United States—1908, 224; 1909, 264; 1910, 390; 1911, 274; 1912, 320.
 Centenary Celebrations in 1909—1910, 64.
 Central American War—1908, 188.
 Century, Beginning of—1901, 184.
 Chaffin, E. W., Sketch—1909, 331.
 Chaffee, A. R., Sketch—1899, 228.
 Chamberlain, G. E., Sketch—1910, 391.
 Chamberlain, J. C., Resignation—1904, 245.
 Chamberlain, T. C., Sketch—1909, 322.
 Champions of Christendom—1912, 188.
 Charcot Expedition—1911, 175.
 Charties, Cook County—1910, 466; 1911, 481.
 Charties, Illinois—1908, 429; 1909, 417; 1910, 435, 441.
 Charity Organizations—1902, 406; 1903, 394; 1904, 403; 1906, 452; 1907, 445; 1908, 492; 1909, 542; 1910, 528; 1911, 508; 1912, 600.
 Charles, Prince, Sketch—1906, 300.
 Charleston, S. C., Storm—1912, 108.
 Charter Amendment, Chicago—1906, 379.
 Charter, New, for Chicago—1904, 360; 1905, 429; 1906, 421; 1907, 463. Defeated, 1908, 495; 1910, 522; 1911, 544; 1912, 547.
 Chelsea (Mass.) Fire—1909, 187.
 Chemicals, Common Names—1885, 9.
 Cherry Mine Disaster—1910, 405.
 Chicago at a Glance—1910, 484; 1911, 491; 1912, 529.
 Chicago, Centers of—1909, 44; 1910, 483.
 Chicago Civic Federation—1898, 402.
 Chicago City Officials—In each volume.
 Chicago Election Returns—In each volume.
 Chicago Elevators—1891, 340.
 Chicago Grain and Produce Statistics—In each volume from 1891.
 Chicago, Growth—1891, 342; 1902, 50. (See, Area, Chicago Growth of.)
 Chicago, Map of—1904, 407.
 Chicago, Mayors—In each volume.
 Chicago, Nationality of Voters—1889, 157; 1894, 318.
 Chicago, Notable Buildings—1891, 352; 1892, 378; 1893, 381; 1894, 376; 1895, 403; 1896, 414; 1897, 448; 1898, 288; 1910, 515; 1911, 574; 1912, 554.
 Chicago Officials—In each volume.
 Chicago Parks and Boulevards—In each volume since 1891.
 Chicago Plan—1910, 514.
 Chicago, Points of Interest in—1906, 416; 1908, 489; 1909, 470; 1910, 490; 1911, 536; 1912, 530.
 Chicago, Progress of—1909, 452; 1910, 528; 1911, 572; 1912, 582.

- Chicago, Valuation—In each volume since 1903.
 Chicago Voters' League—1898, 404.
 Chicago Weather—In each volume since 1900.
 Chicagoans, Old—1909, 385; 1910, 544; 1911, 618; 1912, 616.
 Children in Flats—1911, 443.
 Child Labor Law, Illinois—1904, 362.
 Child Labor Statistics—1908, 169; 1909, 163.
 Chile—1902, 122; 1903, 171; 1904, 219; 1905, 117; 1906, 470; 1907, 116; 1908, 185; 1909, 183; 1910, 193; 1911, 128; 1912, 207.
 Chilean Difficulty with United States—1893, 66.
 Chilean War—1892, 69.
 Chilton, W. F., Sketch—1912, 404.
 Chimney, Highest—1907, 13.
 China—1902, 120, 333; 1903, 170; 1904, 218; 1905, 116; 1906, 124; 1907, 114; 1908, 184; 1909, 182; 1910, 192; 1911, 126; 1912, 206.
 China, Death of Emperor and Empress—1909, 162.
 China, Famine in—1912, 395.
 China, Japan and Korea—1895, 235; 1896, 76.
 China, Missions—1901, 275.
 China, Partition—1899, 97.
 China, Revolution in—1912, 480.
 China, War—1901, 269, 271, 291; 1902, 333.
 Chinese Calendar—In each volume since 1905.
 Chinese Cut Off Queens—1912, 140.
 Chinese in United States—1902, 54; 1904, 64.
 Chinese Railway Loan—1910, 216; 1911, 327.
 Chinese Registration—1894, 201; 1895, 368.
 Chinese-Russian Dispute—1912, 320.
 Chinese Treaty, The—1895, 368.
 Choate, J. H., Sketch—1900, 124.
 Cholera, Asiatic—1886, 79. In Russia, 1909, 319; epidemic, 1911, 131; in America, 1912, 308.
 Cholera, How to Escape—1893, 108.
 Cholera Mixture—1888, 128.
 Christian IX., Death of—1907, 72.
 Christian Population—1904, 145; 1906, 149.
 Christianity, Growth—1896, 105.
 Chun, Prince, Abdicates—1912, 480.
 Church Days—In each volume.
 Churches—See Religion, Statistics.
 Churches, Capacity—1893, 114.
 Churches, Seven, of Asia—1912, 188.
 Cicero, Annexation Vote—1912, 461.
 Cincinnati, Society of the See Societies, Patriotic.
 Cisterns, Capacity—1889, 189.
 Cities, Altitude—1892, 331.
 Cities, Growth—1900, 266; 1902, 50; 1903, 82.
 Cities, Largest—1888, 2; 1903, 187; 1904, 150; 1905, 68; 1906, 76; 1907, 55; 1908, 53; 1909, 49; 1910, 87; 1911, 208; 1912, 234.
 Cities, Popular Names—1889, 180; 1891, 118; 1896, 50.
 Cities, Population of—See Population.
 Cities, Statistics of—1891, 99; 1903, 106; 1904, 76; 1906, 64; 1907, 52; 1908, 53; 1909, 55; 1910, 423; 1911, 320; 1912, 374, 388.
 Citizen, How to Become a—1896, 228.
 Citizens, Who Are—1908, 167; 1909, 41; 1910, 79; 1911, 108; 1912, 145.
 City Officials, Chicago—In each volume.
 Civil Service, Chicago—1896, 214; 1905, 361; 1906, 411; 1907, 416.
 Civil Service, Illinois—1906, 388; 1907, 394; 1908, 428; 1912, 82.
 Civil Service, United States—1904, 101, and in succeeding volumes.
 Civil-War Survivors—1904, 22; 1905, 122; 1906, 26; 1907, 32; 1908, 98; 1909, 116; 1910, 320; 1911, 326.
 Clapp, Moses E., Sketch—1902, 99.
 Clark, Champ—1912, 404.
 Clark, Charles E., Sketch—1903, 236.
 Clark, E. C., Sketch—1899, 224.
 Clark, Edgar B., Sketch—1903, 238.
 Clark, Senator, Case—1901, 122.
 Clark, W. A., Sketch—1900, 127.
 Clarke, James P., Sketch—1903, 234; 1910, 391.
 Clarkson, T. S., Sketch—1897, 162.
 Clay, A. S., Sketch—1897, 161; 1898, 207.
 Clayton, Powell, Sketch—1898, 204.
 Clemenceau Cabinet, Fall of—1910, 260.
 Clemens, Samuel, Death—1911, 170.
 Clements, J. C., Sketch—1912, 404.
 Cleveland, Grover, Letters—1899, 163; 1895, 83, 84.
 Cleveland, Grover, Sketch—1893, 61. Death of, 1909, 215.
 Cleveland, Messages—1895, 109.
 Climate of United States—In each volume from 1890.
 Clubs, Chicago—In each volume since 1902.
 Clyde Shipbuilding—1903, 148.
 Coal Miners' Strike—1898, 242; 1903, 191; 1904, 103.
 Coal Production—1888, 10; 1892, 102; 1893, 59; 1895, 245; 1898, 396, and in succeeding volumes.
 Coal Production, Illinois—1905, 373; 1906, 437; 1907, 440; 1910, 521; 1911, 468; 1912, 512.
 Coal Production, World's—1903, 410.
 Coal Supply, Estimated—1910, 173.
 Coal Trust—1908, 234.
 Coast Line of United States—1909, 32; 1910, 142; 1911, 269; 1912, 476.
 Coburn, Foster D., Sketch—1907, 272.
 Coffee, Consumption—1898, 51; 1900, 49; 1903, 72, and in succeeding volumes.
 Coffee Production—1905, 233.
 Coffee Trade—1900, 75; 1908, 152.
 Coghlan, J. B., Sketch—1899, 244. Death, 1909, 411.
 Coinage, History of Our—1892, 27.
 Coinage Laws—1897, 65.
 Coinage of Nations—1894, 180; 1899, 82, and in succeeding volumes.
 Coinage, United States—In each volume since 1893.
 Coinage, World's—1888, 78; 1900, 81; 1902, 24; 1903, 47; 1905, 77; 1907, 90, and in succeeding volumes.
 Coin Equivalents—1896, 55.
 Coins, About—1887, 9; 1898, 108; 1908, 165.
 Coins, Value of Foreign—In each volume since 1890.
 College Colors—1905, 360; 1907, 61; 1908, 129; 1909, 154; 1910, 205; 1911, 90; 1912, 243.
 Colleges and Universities—1890, 166; 1896, 202; 1897, 49, 87; 1898, 87, and in succeeding volumes.
 Collier, W. M., Sketch—1906, 298.
 Collinwood (O.) Disaster—1909, 243.
 Colombia—1902, 122; 1903, 171; 1904, 219; 1905, 118; 1906, 128; 1907, 116; 1908, 186; 1909, 184; 1910, 193; 1911, 126; 1912, 207.
 Colombia-Venezuela Dispute—1902, 218.
 Colonial Policy—1901, 64.
 Colonial System of World—1899, 138; 1900, 146, and in succeeding volumes.
 Colonial Wars, Society of—See Societies, Patriotic.
 Colorado Railroad Wreck—1907, 117.
 Columbia, Wreck of the—1908, 234.
 Columbus Memorial, Washington—1908, 75.
 Comet, A., of 1910—1911, 32.
 Comet, Halley's—1909, 26; 1910, 332; 1911, 32.
 Commerce and Labor Department—1904, 100, 160.
 Commerce Court Law—1911, 34.
 Commerce, Trade and Manufactures, Statistics—In each volume from 1891.
 Commission Form of Government—1910, 520; 1911, 46; 1912, 85, 91.
 Committees, Political, Cook County—In each volume from 1890.
 Committees, Political, Illinois—In each volume from 1886.
 Committees, Political, National—In each volume from 1886.
 Committees, Political, State Central—1886, 64; 1887, 64; 1888, 67; 1889, 32; 1890, 73; 1891, 190; 1892, 172; 1893, 177; 1894, 159; 1895, 214; 1896, 150; 1899, 424.
 Compensation, Watch as—1912, 51.
 Compensation Acts—1912, 79, 96.
 Confederate Pensions—1898, 19.
 Congregational Churches—See Religion, Statistics of.
 Congress, Contested Seats—1901, 122.
 Congress, Parties in—1895, 157; 1908, 79; 1909, 423; 1912, 273.
 Congress, United States—In every volume.
 Congress, Work of—See Legislation.
 Congressional Districts—Chicago, 1903, 375; 1904, 416 (map); 1905, 407, 438. Illinois, 1904, 349 (map); 1905, 375. New, 1902, 42. See election returns in each volume for districts in all states.
 Conjugal Statistics—1895, 72; 1904, 68; 1905, 63; 1906, 62.
 Constitution, United States—1889, 170; 1908, 33; 1909, 33; 1911, 440.
 Consular Buildings—1912, 66.
 Consular Reorganization—1907, 175.
 Consuls, United States—In each volume from 1886.
 Consuls in Chicago—In each volume since 1903.
 Convention, Reciprocity—1906, 142.
 Conventions, Political (platforms, etc.), National—In each volume.
 Conventions, Political, State—In each volume from 1886.
 Convicts and Convict Labor—1898, 93.
 Convicts in Penitentiaries—1892, 98; 1898, 96.
 Cook Arctic Expedition—1908, 135; 1910, 328. Sketch

- of F. A. Cook, 1910, 391. Cook Discredited, 1911, 175.
- Cook County Civil List—In each volume from 1888.
- Cook County Bonded Debt—In each volume from 1890.
- Cook County Elections—In each volume.
- Cook County Officials—In each volume.
- Cookery, Scientific—1887, 10.
- Cooley, E. G., Sketch—1908, 353.
- Copyright Rules—1896, 225; 1902, 75; 1903, 96; 1904, 26; 1906, 345; 1907, 61; 1908, 67; 1909, 252; 1910, 65; 1911, 79; 1912, 109.
- Copper, Production—See Mineral Products.
- Corbett, W. H., Sketch—1898, 209.
- Cork, Production—1903, 69.
- Corn—See Agriculture, each volume.
- Corn and Pellagra—1912, 152.
- Corn for Fuel—1893, 101.
- Corn, To Measure—1888, 11.
- Corporation Tax, Federal—1910, 59, 473; 1912, 181.
- Corregan, Charles H., Sketch—1905, 204.
- Corrupt Practices Act—1912, 93.
- Cortelyou, G. B., Sketch—1901, 249; 1904, 204.
- Cost of Living—1902, 215; 1904, 348; 1907, 63; 1911, 53.
- Costa Rica—1902, 121; 1903, 171; 1904, 219; 1905, 119; 1906, 125; 1907, 116; 1908, 186; 1909, 184; 1910, 194; 1911, 128; 1912, 208.
- Costa Rica Earthquake—1912, 414.
- Cotton—See Agriculture.
- Cotton and Its Uses—1909, 64.
- Cotton Spinners' Strike—1895, 89.
- Cotton States Exposition—1896, 97.
- Cotton Tariff Bill and Veto—1912, 73.
- Coudert, F. R., Sketch—1897, 159.
- Countries Compared—1894, 216.
- Country Life, Report on—1910, 174.
- Country, Size of Our—1888, 17.
- Country The Indian—1889, 186.
- County Buildings, Cook—1903, 376; 1904, 365; 1905, 382; 1906, 401; 1907, 400, and succeeding volumes.
- County Officials—In each volume.
- County Officers, Illinois—1894, 171; 1899, 239; 1900, 249; 1909, 438; 1910, 450, and in succeeding volumes.
- Court, Municipal, Chicago—1906, 380, and succeeding volumes.
- Courts, Cook County—In each volume.
- Courts, Illinois—In each volume.
- Courts, United States—In each volume.
- Cox, William W., Sketch—1905, 204.
- Coxeyism—1895, 94.
- Craighill, W. P., Sketch—1896, 88.
- Crane, Largest in World—1912, 240.
- Crane, Winthrop M., Sketch—1905, 205; 1908, 254.
- Cranfill, J. B., Sketch—1893, 61.
- Cranston, E., Sketch—1897, 162.
- Crawford, Coe I., Sketch—1907, 274; 1910, 391.
- Creed Revision—1892, 45.
- Crete, Greece and Turkey—1898, 249.
- Crib Disaster in Chicago—1910, 384.
- Crime, Statistics of—1908, 385; 1909, 267; 1910, 167; 1911, 135; 1912, 393.
- Cripples in Chicago—1905, 433; 1906, 440; 1911, 586.
- Crisis, Financial, in—1908, 357.
- Crocker Land Expedition—1912, 210.
- Crop Statistics—In each volume.
- Cronin Case Chronology—1890, 173.
- Cruce, Lee, Sketch—1911, 333.
- Cuba—1899, 122; 1900, 141; 1901, 251; 1902, 141; 1903, 161; 1904, 208; 1905, 119; 1906, 126; 1907, 117; 1908, 187; 1909, 184; 1910, 194; 1911, 128; 1912, 208.
- Cuba, Constitutional Convention—1901, 254; 1902, 144.
- Cuba, Map—1899, 122.
- Cuba, Postal Frauds—1901, 253.
- Cuba, Revolt in—1896, 93; 1897, 135; 1898, 275; 1899, 135; 1907, 245.
- Cuban Reciprocity Treaty—1904, 221.
- Cuban Self-Government Restored—1910, 196.
- Cudahy Kidnaping Case—1910, 112.
- Culberson, C. A., Sketch—1900, 128.
- Cullom, S. M., Sketch—1908, 354.
- Cummings, Albert B., Sketch—1907, 273; 1910, 391.
- Cup, Drinking, Act—1912, 88.
- Currency Reform—1901, 127; 1908, 364; 1909, 166.
- Currency, Value in Gold—1899, 254.
- Curry, J. L. M., Sketch—1903, 286.
- Curtis, Charles, Sketch—1908, 354.
- Curtis, W. E., Sketch—1894, 62.
- Customs Court—1910, 59.
- Czar, Peace Declaration of—1899, 102.
- Czar's Address to Duma—1907, 268.
- Czolgosz, Leon—1902, 109.
- Daily News, Visit to The—1885, 59; 1886, 90.
- Dakota, Facts About—1899, 180.
- Danbury Hat Case—1903, 256; 1911, 111.
- Danish West Indies Treaty—1903, 156.
- Dates of Recent Events—In each volume since 1904.
- Davidson, James O., Sketch—1907, 274.
- Davis, George W., Sketch—1905, 205.
- Davis, Henry G., Sketch—1905, 203.
- Davis, Jefferson, Sketch—1908, 354.
- Davis, Will J., Trial—1908, 78.
- Dawson, T. C., Sketch—1910, 68.
- Day Line, The—1883, 13.
- Day, To Find the—1891, 141.
- Day, W. R., Sketch—1899, 221; 1904, 204.
- Day, When It Begins—1894, 204.
- Daylight Saving Movement—1910, 63.
- Days, Unlucky—1888, 10.
- Deaf and Blind in Chicago—1905, 433; 1906, 440; 1909, 468; 1910, 510; 1911, 586; 1912, 565.
- Deaf in United States—1907, 242; 1910, 113; 1911, 445.
- Deaf-Mute Schools—1892, 96.
- Death, Damages for—1904, 363.
- Death Rate—1902, 81; 1903, 92; 1904, 71; 1905, 73; 1906, 68, 75; 1907, 57; 1908, 62; 1909, 62; 1910, 92; 1911, 138; 1912, 396.
- Death Roll—In each volume from 1890.
- Deboe, W. J., Sketch—1898, 208.
- Debs, E. V., Sketch—1901, 245; 1905, 204; 1909, 322.
- Debt and Wealth of Nations—1894, 101; 1898, 142; 1900, 153.
- Debt, Bonded, of States—1893, 53.
- Debt, Chicago City—In each volume from 1890.
- Debt, Cook County—In each volume from 1891.
- Debt, National—In each volume from 1887.
- Debts, National—In each volume since 1902.
- Debts of American Cities—In each volume since 1903.
- Debts of States per Capita—1892, 97; 1893, 53.
- Debris, State and County—1907, 260.
- Deceased Wife's Sister—Law—1908, 73.
- Declaration of Independence—1908, 31.
- Declaration of London—1912, 78.
- Decorations for Chicagoans—1906, 458; 1908, 507; 1909, 491; 1910, 501; 1911, 552; 1912, 614.
- Deep-Sea Depths—1895, 168.
- Deep Waterways—1898, 236.
- Defalcations in 1893—1894, 374.
- Defenbach-Unger Trial—1902, 107.
- De Lome Letter—1899, 109.
- Denon, Gov., on Deep Waterways—1908, 399.
- Denmark—1902, 116; 1903, 165; 1904, 213; 1905, 112; 1906, 119; 1907, 110; 1908, 181; 1909, 179; 1910, 189; 1911, 123; 1912, 203.
- Depew, C. M., Sketch—1900, 123.
- Derby, American—See Sporting Records.
- Des Moines Plan of City Government—1909, 237.
- Dewey, George, Sketch—1899, 115, 222, 319.
- Diamonds, Celebrated—1902, 98; 1906, 132; 1907, 97; 1908, 122; 1909, 332; 1910, 148; 1911, 182; 1912, 149.
- Diamonds, Weight of—1904, 16; 1905, 22; 1906, 18; 1907, 176; 1908, 161; 1909, 30; 1910, 259; 1911, 92; 1912, 140.
- Diaz, Porfirio, Deposed—1912, 211.
- Dick, Charles, Sketch—1905, 205.
- Dickinson, J. M., Sketch—1910, 33.
- Dickinson, J. McG., Sketch—1908, 354.
- Diet for Fleshly Persons—1903, 143.
- Dietrich, Charles H., Sketch—1902, 99.
- Dietz, John F., Case—1912, 215.
- Digestion, Time Required for—1886, 83; 1903, 55.
- Dillingham, W. P., Sketch—1901, 246; 1909, 322.
- Dillon, Lou, Pedigree—1904, 228.
- Dingley Tariff Bill—1908, 69.
- Diplomatic and Consular Service—In each volume from 1890.
- Diplomatic Buildings—1912, 66.
- Direct Primaries—1912, 93.
- Diseases, Occupational, Act—1912, 91.
- Disarmament of Europe—1899, 102.
- Diseases, Contagious and Eruptive—1886, 82.
- Distance and Sight—1890, 181.
- Distances Between Cities—1907, 56; 1908, 57; 1909, 61; 1910, 178; 1911, 184; 1912, 387.
- Distances from Chicago—1902, 420; 1904, 427; 1905, 379.
- Distances Seen on Lakes—1908, 136; 1909, 154; 1910, 30; 1911, 85; 1912, 391.
- Distances to Insular Possessions—1902, 148; 1903, 162; 1904, 171; 1905, 22.

- Divorce Laws**—1893, 82; 1902, 140; 1903, 180; 1904, 84; 1905, 74; 1906, 150; 1907, 184; 1908, 163; 1909, 275; 1910, 215; 1911, 134; 1912, 152.
- Divorce Statistics**—1910, 214; 1911, 133; 1912, 151.
- Dix, John A.**, Sketch—1911, 338.
- Dixon, J. M.**, Sketch—1908, 354.
- Dole, S. B.**, Sketch—1901, 248.
- Dollar, Bullion Value**—1892, 200.
- Dollar, Silver in**—1894, 183.
- Dolliver, J. P.**, Sketch—1901, 246; 1903, 234; 1908, 354.
- Don Carlos, Death of**—1910, 179.
- Donnelly, I.**, Sketch—1899, 232; 1901, 244.
- Dowie, J. A.**, Death of—1908, 171.
- Drago Doctrine**—1907, 66; 1908, 22; 1909, 32; 1910, 323; 1911, 68; 1912, 114.
- Drainage Canal, Chicago**—In each volume since 1891.
- Drainage Decision**—1907, 395.
- Drake, F. M.**, Sketch—1896, 92.
- Draper, W. F.**, Sketch—1898, 204.
- Dreyfus Case**—1907, 261.
- Drink Bill of Nation**—1905, 52.
- Drink Statistics**—1905, 86.
- Drinking on Cars**—1912, 89.
- Drought in 1910**—1911, 84.
- Drunkenness and Crime**—1888, 124.
- Dry Dock, Largest**—1912, 187.
- Dryden, J. F.**, Sketch—1903, 234.
- Dubois, F. T.**, Sketch—1902, 99.
- Dudley, J. B.**, Sketch—1898, 206.
- Duma, Russian**—1906, 311; 1907, 268; 1908, 190; 1909, 319.
- Dun, E.**, Sketch—1894, 60.
- Du Pont, Henry A.**, Sketch—1907, 272.
- Durand, E. D.**, Sketch—1910, 332.
- Duties on Imports**—1889, 23; 1890, 11; 1891, 141; 1895, 140; 1901, 12; 1903, 59, and in succeeding volumes.
- Dyer, N. M.**, Sketch—1889, 223.
- Dynamite Case, Los Angeles**—1912, 470.
- Earth, Age of**—1889, 162.
- Earthquake, Cartago**—1911, 140.
- Earthquake in Mexico City**—1912, 174.
- Earthquake in Kingston, Jamaica**—1908, 177.
- Earthquake in San Francisco**—1907, 265.
- Earthquake in Sicily and Calabria**—1909, 414; 1910, 324.
- Earthquake in Valparaiso**—1907, 264.
- Earthquakes**—1906, 319, 347; 1908, 272; 1909, 213; 1910, 224; 1911, 86; 1912, 414.
- East River Bridges, New York**—1906, 28; 1909, 246.
- Eastern Question**—1906, 249.
- Eastman Murder Trial**—1902, 107.
- Eberhart, A. O.**, Sketch—1911, 333.
- Eclipses**—See calendar in each volume.
- Ecuador**—1902, 122; 1903, 171; 1904, 219; 1906, 126; 1907, 116; 1908, 186; 1909, 184; 1910, 193; 1911, 128; 1912, 207.
- Eddy, Mary Baker, Libel Case**—1902, 107. Suit Against, 1903, 384. Death of, 1911, 408.
- Education and War, Cost of**—1895, 366.
- Education Board, General**—1909, 266; 1910, 325.
- Education, Board of, Chicago**—1902, 396, and in succeeding volumes.
- Education, Statistics of**—See Colleges and Universities, and Schools.
- Edward VII.**—1902, 99, 186, 196; 1903, 181.
- Edwardsville Memorial**—1912, 89.
- Egan, M. P.**, Sketch—1908, 354.
- Egypt**—1902, 121; 1904, 218; 1905, 117; 1906, 124; 1907, 115; 1908, 185; 1909, 183; 1910, 192; 1911, 127; 1912, 207.
- Election Calendars**—1905, 262, 417; 1906, 406, 406; 1907, 256, and in succeeding volumes.
- Election Precincts in Chicago**—1904, 332; 1905, 417.
- Elections, States, Territories and Local**—In every volume.
- Electoral College, The**—In each volume since 1902.
- Electoral Reform**—1912, 91.
- Electoral Vote**—1892, 64; 1894, 388; 1896, 404; 1898, 127, and in succeeding volumes.
- Electrical Units**—1908, 269.
- Electricity, Progress in**—1902, 95.
- Elevation, Highest in States**—1910, 248.
- Eliot "Five-Foot" Library**—1910, 401.
- Elizabeth Water Tunnel**—1912, 126.
- Elkins Rebate Law**—1904, 97.
- Elkins, S. B.**, Sketch—1896, 91; 1908, 354.
- Ellis Glenn Trial**—1902, 107.
- Ellis, S. H.**, Sketch—1901, 245.
- Employers' Associations**—1905, 179, 430.
- Employee, City, Number**—1904, 380; 1905, 412; 1908, 443; 1909, 455; 1910, 482; 1911, 457; 1912, 568.
- Endicott, Mordecai, Sketch**—1906, 299.
- Engravings, To Transfer**—1889, 162.
- Episcopal Church**—See Religion, Statistics of.
- Ernst, Oswald H.**, Sketch—1906, 299.
- Esperanto Simplified**—1911, 82.
- Estates of Realm, Three**—1912, 188.
- Eustis, J. B.**, Sketch—1894, 59.
- Evans, H. C.**, Sketch—1903, 235.
- Evans, R. D.**, Sketch—1899, 225.
- Events, Domestic and Foreign**—In each volume.
- Ewing, J. S.**, Sketch—1894, 59.
- Excise Laws**—1896, 221.
- Exclusion Law**—1908, 340.
- Exemptions, Digest of**—1894, 53.
- Expectation of Life**—1886, 15; 1912, 100.
- Expenditures and Receipts of the Government**—In each volume since 1881.
- Explosion in Jersey City**—1912, 137.
- Explosion, Pleasant Prairie**—1912, 140.
- Exports and Imports of Merchandise and Gold and Silver**—In each volume from 1891.
- Exposition, Lewis and Clark**—1905, 138; 1906, 349.
- Exposition, St. Louis**—1903, 127; 1904, 222; 1905, 368.
- Expositions, National**—1908, 352; 1909, 333.
- Express Business**—1911, 70; 1912, 192.
- Facta Briefly Stated**—1888, 127.
- Failures**—In each volume since 1894.
- Fairbanks, C. W.**, Sketch—1898, 203; 1904, 202; 1905, 203.
- Falconio, D.**, Sketch—1903, 237; 1912, 404.
- Fallieres, C. A.**, Sketch—1907, 274. Attempt to Kill, 1905, 274.
- Fame, Hall of**—1902, 72; 1906, 352; 1907, 151; 1908, 66; 1909, 217; 1910, 332; 1911, 274; 1912, 200.
- Families and Homes**—1904, 74, 332; 1905, 71; 1906, 70; 1907, 68; 1908, 68; 1909, 69; 1910, 91.
- Famine in China**—1912, 395.
- Famine in Sweden and Finland**—1904, 122.
- Fares, Hack and Cab, Chicago**—In each volume since 1902.
- Farley, J. M.**, Sketch—1903, 237; 1912, 404.
- Farmers' Organizations**—1891, 116; 1892, 186, 190; 1893, 235, 285; 1894, 181; 1895, 224; 1896, 230; 1897, 178; 1898, 140.
- Farms in the United States**—1903, 70; 1904, 48; 1905, 42; 1906, 33; 1907, 71; 1908, 117; 1909, 75; 1910, 99; 1911, 144; 1912, 174.
- Farms, Wealth on**—1912, 166.
- Farrell, James A.**, Sketch—1912, 404.
- Fastest Ocean Passages**—1894, 106; 1904, 122, and in succeeding volumes.
- Fates, The Three**—1912, 188.
- Ferguson Monument Fund**—1906, 360, and in succeeding volumes to 1910.
- Field Museum**—In each volume since 1902.
- Field, J.**, Sketch—1898, 62.
- Field, Marshall, Death and Will of**—1907, 438.
- Figures, Curiosities of**—1890, 188.
- Fitchner Expedition**—1912, 210.
- Finances, State and Municipal**—1897, 147.
- Financial Statistics**—In each volume.
- Finland, Famine in**—1904, 122.
- Fires and Fire Losses**—In each volume since 1902.
- Fire Marshal, Illinois**—1910, 449.
- Fisher, Walter L.**, Sketch—1912, 405.
- Fisheries Dispute**—1892, 44; 1893, 65; 1894, 37. Settled, 1911, 69; 1912, 99.
- Fisheries, Mississippi**—1902, 215.
- Fisheries, Lake**—1903, 272.
- Flag, History of Our**—1893, 92; 1909, 264.
- Flags, Special United States**—1898, 255.
- Flint, Frank P.**, Sketch—1906, 297.
- Flint, Austin, Pa.**—1911, 272.
- Flood, Black River Falls, Wis.**—1912, 394.
- Flood, Johnstown**—1890, 167.
- Flood in Mexico**—1910, 95.
- Flood in Paris**—1911, 92.
- Flood in Pittsburgh**—1908, 152.
- Flower Symbols of Months**—1912, 140.
- Folks, Homer, Sketch**—1911, 333.
- Food Consumed**—1901, 136.
- Foraker, J. R.**, Sketch—1897, 160; 1903, 224.
- Foreign Born Population**—In each volume since 1903.
- Foreign Born Population, Chicago**—1899, 466; 1904, 381, and in succeeding volumes.
- Foreign Carrying Trade**—In each volume from 1889.
- Foreign Countries, Area, Population, etc.**—1886, 86; 1890, 20; 1896, 62, and in succeeding volumes.

- Forest Fires—1912, 467.
 Forests and Forest Reservations—1889, 23; 1903, 197; 1904, 428; 1906, 392; 1908, 121, 123; 1909, 76; 1910, 171; 1911, 306, 309; 1912, 471.
 Forest Preserve, Cook County—1911, 503; void, 1912, 527.
 Forest Resources of United States—1910, 171.
 Formosa, Earthquake in—1907, 267.
 Fosburgh Murder Trial—1902, 107.
 Foster, A. G., Sketch—1900, 123.
 Foster, M. J., Sketch—1901, 302.
 Fountains in Chicago—1902, 395; 1903, 398; 1907, 446, and in succeeding volumes.
 Foss, Eugene N., Sketch—1911, 333.
 France—1902, 116; 1903, 166; 1904, 214; 1905, 112; 1906, 120; 1907, 27, 110; 1908, 181; 1910, 189; 1911, 123; 1912, 203.
 France and Siam—1894, 68.
 France and Turkey—1902, 217.
 Franchises, Street-Car, Chicago—1906, 446; 1907, 440.
 Francis, Charles S., Sketch—1902, 99; 1907, 273.
 Franco-Japanese Agreement—1908, 189.
 Franco-Moroccan Trouble—1908, 244.
 Fraternal Societies—See Societies, Secret.
 Frederick VIII., Sketch—1907, 274.
 Free List in New Tariff—1910, 63.
 Freight Rates—1891, 302.
 French Church Law—1906, 352.
 French, W. R., Sketch—1898, 206.
 Frye, W. P., Sketch—1908, 354.
 Fuller, Chief Justice, Death—1911, 78.
 Fulton, C. W., Sketch—1904, 202.
 Fulton-Hudson Celebration—1910, 213.
 Funston, F., Sketch—1900, 129.
 Furies, Three—1912, 133.
 Gadsden Purchase, The—1901, 134.
 Gage, Lyman J., Sketch—1898, 201.
 Gallinger, Jacob H., Sketch—1904, 202; 1910, 392.
 Galveston Hurricane—1901, 402.
 Galveston Sea Wall—1905, 124.
 Gamble, Robert J., Sketch—1902, 99; 1908, 355.
 Game and Fish Laws—1896, 211; 1902, 95, and in succeeding volumes.
 Gapon, Father, Killed—1907, 270.
 Gardens, Zoological—1911, 173; 1912, 246.
 Gardner, W., Sketch—1911, 334.
 Gary, F. B., Sketch—1909, 322.
 Gary, J. A., Sketch—1898, 202.
 Gas, Price of, Chicago—1906, 394.
 Gatun Dam—1911, 63; 1912, 113.
 Gaynor-Greene Case—1907, 162.
 Gear, John H., Sketch—1905, 105.
 Gearin, John M., Sketch—1907, 272.
 Gem Symbols of Months—1912, 210.
 General Slocum Disaster—1905, 124; 1906, 19; 1907, 298.
 George V., Accession of—1911, 67; coronation of, 1912, 131; relatives of, 1912, 108.
 Georgia, Explosion on—1908, 119.
 German Tariff Agreement—1908, 379.
 Germantown Monument—1912, 67.
 Germany—1902, 116; 1905, 166; 1904, 214; 1905, 112; 1906, 120; 1907, 110; 1908, 181, 189; 1909, 179; 1910, 189; 1911, 123; 1912, 203.
 Gibson, Paris, Sketch—1902, 99.
 Gifts, Seven, of Spirit—1912, 188.
 Gifts, Notable—1902, 68; 1903, 188, and in succeeding volumes.
 Gilbert, N. W., Sketch—1909, 323.
 Gilman, D. C., Sketch—1897, 159; 1903, 238.
 Glasgow Exposition—1902, 338.
 Glass Industry—1908, 44.
 Gobin, J. P. S., Sketch—1898, 210.
 God in Forty-Eight Languages—1888, 128.
 Gods and Goddesses—1912, 126.
 Goethals, G. W., Sketch—1908, 355.
 Gold and Silver Legislation—1891, 110; 1897, 65; 1901, 127.
 Gold and Silver Question—1896, 177.
 Gold and Silver Statistics—In each volume from 1891.
 Gold Assayed at Seattle—1903, 41.
 Gold Nuggets—1896, 342; 1898, 42.
 Gompers Case Decision—1910, 275.
 Gore, T. P., Sketch—1908, 355; 1910, 392.
 Gorgas, W. C., Sketch—1909, 323.
 Gorman, A. P., Sketch—1903, 234.
 Gothenburg System, The—1895, 103.
 Governments, Foreign—See Foreign Countries.
 Governors—See States.
 Grace, Days of—1904, 18; 1905, 20, and in succeeding volumes.
 Graces, Three—1912, 188.
 Graft in San Francisco—1908, 344.
 Graham, W. M., Sketch—1899, 227.
 Grain and Produce Statistics, Chicago—In each volume from 1891.
 Grain Measures—1891, 125.
 Grand Army—In each volume from 1889.
 Grants to Railroads—1898, 279.
 Graves, H. S., Sketch—1911, 334.
 Graves, J. T., Sketch—1909, 302.
 Gray, George, Sketch—1903, 238.
 Gray, I. P., Sketch—1894, 60.
 Great Britain—1902, 113; 1903, 163; 1904, 211; 1905, 109; 1906, 117; 1907, 107; 1908, 179; 1909, 177; 1910, 187; 1911, 121; 1912, 201.
 Great Britain, Arbitration with—1898, 260.
 Great Britain and Venezuela—1896, 86; 1897, 127; 1898, 253.
 Great Lakes Naval Station—1912, 246.
 Great Northern Strike—1895, 78.
 Greater New York—1895, 366.
 "Greatest in the World"—1902, 216.
 Greece, 1902, 117; 1903, 167; 1904, 215; 1905, 113; 1906, 121; 1907, 117; 1908, 179; 1909, 180; 1910, 193; 1911, 124; 1912, 204.
 Greece, Crete and Turkey—1898, 249.
 Greek Church Calendar—1905, 13; 1906, 14; 1907, 13.
 Greenhalge, P. T., Sketch—1896, 92.
 Greenland Expedition, Danish—1909, 190.
 Gregory, S. S., Sketch—1912, 405.
 Gresham, W. Q., Sketch—1894, 57.
 Gridley, C. V., Sketch—1899, 223.
 Griggs, J. W., Sketch—1896, 183; 1899, 221.
 Grinnell, Lloyd C., Sketch—1904, 206.
 Gronna, Asle J., Sketch—1912, 405.
 Grunsby, Carl E., Sketch—1905, 205.
 Guam—1900, 144; 1901, 269; 1902, 148; 1904, 208; 1905, 149; 1906, 193; 1907, 250; 1908, 241; 1909, 176; 1910, 205; 1911, 116; 1912, 215.
 Guam, Capture of—1899, 140.
 Guard, National—1888, 29; 1889, 33; 1895, 71; 1896, 50; 1902, 332; 1904, 186; 1908, 217, and in succeeding volumes.
 Guard, National, Illinois—In each volume since 1902.
 Guatemala—1902, 121; 1903, 171; 1904, 219; 1905, 119; 1906, 123; 1907, 116; 1908, 186; 1909, 184; 1910, 194; 1911, 128; 1912, 208.
 Guatemala Transcontinental Railroad—1909, 66.
 Guggenheim, S., Sketch—1908, 355.
 Guild, Curtis, Sketch—1907, 274.
 Guilford Battle Monument—1912, 67.
 Gun, Maxim, Noiseless—1909, 281.
 Guinness Murders—1909, 283.
 Gunnison Water Tunnel—1912, 126.
 Haakon VII., King—1906, 132, 300.
 Hackett, F. W., Sketch—1901, 249.
 Hague Conference—1905, 254; 1906, 346; 1907, 468; 1908, 235; 1909, 215; 1910, 211; 1911, 66; 1912, 99.
 Hains, Peter C., Sketch—1906, 299.
 Haiti, 1902, 123; 1903, 172; 1904, 219; 1905, 254; 1906, 127; 1907, 117; 1908, 187; 1909, 185; 1910, 194; 1911, 129; 1912, 208.
 Haiti, Revolution in—1909, 414; 1912, 130.
 Halley's Comet—1910, 332; 1911, 32.
 Hamilton-Day Murder Trial—1902, 107.
 Hamilton, J. W., Sketch—1901, 250.
 Hamlin, C. S., Sketch—1894, 62.
 Hanford, Benjamin, Sketch—1905, 204; 1909, 322.
 Hanna, M. A., Sketch—1898, 209.
 Hansbrough, H. C., Sketch—1904, 202.
 Hanson, Inga, Trial—1906, 162.
 Harbor Commission, Chicago—1909, 541; 1910, 530; 1912, 602, 620.
 Harbor Lights, Chicago—1908, 491; 1909, 498; 1910, 526; 1911, 548; 1912, 608.
 Hardinge, C., Sketch—1911, 334.
 Hardy, A. S., Sketch—1898, 205; 1900, 125; 1904, 206.
 Harlan, J. M., Death of—1912, 225.
 Harlan on Oil and Tobacco Trusts—1912, 45, 62.
 Harlan, Richard D., Sketch—1902, 99.
 Harmon, J., Sketch—1896, 87; 1911, 334.
 Harper, William R., Death of—1907, 242.
 Harriman, E. H., Death of—1910, 209.
 Harriman, Job, Sketch—1901, 245.
 Harris, A. C., Sketch—1900, 125.
 Harris, George B., Sketch—1902, 100.
 Harris, W. A., Sketch—1898, 208.
 Harrison, Benjamin, Letter of—1893, 156.
 Harrison, Benjamin, Sketch—1893, 60.
 Harrod, Benjamin M., Sketch—1905, 205.

- Hart, C. B., Sketch—1898, 206.
 Harvest and Hunter's Moon—1912, 24.
 Harvester Trust—1903, 182.
 Harvests of the World—1890, 185.
 Harvey, L. D., Sketch—1904, 225.
 Hawaii—1900, 141; 1901, 257, 258; 1902, 147; 1903, 161; 1904, 207; 1905, 149; 1906, 193; 1907, 250; 1908, 241; 1909, 176; 1910, 340; 1911, 115; 1912, 214.
 Hawaii, Annexation of—1899, 145; 1901, 134.
 Hawaii, Map of—1899, 143.
 Hawaiian Question—1894, 71; 1895, 98; 1898, 265.
 Hawkins, H. S., Sketch—1899, 228.
 Hawley, Edwin, Sketch—1910, 392.
 Hay, John, Sketch—1898, 203. Death, 1906, 52.
 Hay-Pauncefote Treaty—1901, 280; 1902, 351.
 Hay, Rules to Measure—1888, 11.
 Hay Statistics—See Agriculture.
 Hayward, M. L., Sketch—1900, 127.
 Haywood Murder Trial—1908, 80.
 Health Resorts—1903, 162.
 Heat, Excessive—1887, 16; 1902, 112.
 Heavens, Chart of—1909, 446.
 Hebrew Race—1888, 128.
 Hecker, Frank J., Sketch—1905, 205.
 Heights and Weights of Persons—1908, 330; 1910, 151; 1911, 132, 201; 1912, 112.
 Heitfeld, H., Sketch—1898, 203.
 Hemenway, James A., Sketch—1906, 297.
 Henderson, D. B., Sketch—1900, 129. Withdrawal of, 1903, 155.
 Hennepin Canal Law—1891, 113. Canal opened, 1908.
 Henry, James A., Sketch—1905, 206.
 Henry, Prince. Visit of—1903, 152.
 231; 1909, 88; 1910, 183; 1911, 94; 1912, 121.
 Heppner (Ore.) Disaster—1904, 102.
 Herbert, H. A., Sketch—1894, 57.
 Herbert, M. H., Sketch—1903, 235.
 Herron, George D., Trial—1901, 107.
 Herzegovina, Annexation—1909, 315.
 Heyburn, W. D., Sketch—1904, 202; 1910, 392.
 Higginson, F. J., Sketch—1899, 225.
 High School Colors—1911, 90; 1912, 243.
 High Structures—1909, 330; 1910, 404; 1911, 131.
 Highest Points in United States—1900, 212; 1910, 248; 1911, 154; 1912, 272.
 Hill, David J., Sketch—1899, 221; 1904, 206.
 Hill, John F., Sketch—1910, 392.
 Hillis, C. D., Sketch—1912, 405.
 Hilsen, Thomas L., Sketch—1909, 321.
 Hitchcock, E. A., Sketch—1898, 206.
 Hitchcock, F. H., Sketch—1909, 323; 1910, 33.
 Hitchcock, G. M., Sketch—1912, 405.
 Hobart, G. A., Sketch—1897, 153.
 Hobson, R. P., Sketch—1899, 226.
 Hoch, Edward W., Sketch—1907, 274.
 Hoch, Johann, Trial—1906, 162; 1909, 282.
 Hodgson, D. B., Sketch—1899, 226.
 Holidays, Legal—In each volume since 1893.
 Holland—1902, 119; 1904, 217; 1905, 115; 1906, 123; 1907, 113; 1908, 183; 1909, 181; 1910, 191; 1911, 126; 1912, 206.
 Holland and Venezuela—1909, 414.
 Holmes Case—1909, 282.
 Holmes, O. W., Sketch—1903, 235.
 Home Rule, Irish—1891, 332; 1894, 210.
 Homes and Farms—1894, 209.
 Homestead Laws—1900, 373; 1904, 105.
 Honduras—1902, 122; 1903, 171; 1904, 219; 1905, 119; 1906, 126; 1907, 116, 267; 1908, 186; 1909, 184; 1910, 194; 1911, 128; 1912, 208.
 Honduras-Nicaraguan War—1908, 188.
 Hongkong Typhoon—1907, 267.
 Hookworm Commission—1910, 326; 1911, 116; 1912, 163.
 Hopkins, A. J., Sketch—1904, 203.
 Hopkins, Henry, Sketch—1903, 237.
 Hornblower, W. B., Sketch—1894, 61.
 Horse, Draft of—1887, 14.
 Horse Meat in Vienna—1902, 98.
 Horse Statistics—See Agriculture.
 Horses, High Priced—1891, 62; 1902, 297.
 Hospitals, Chicago—1902, 406, and in succeeding volumes.
 Hospitals in United States—1907, 65, and in succeeding volumes.
 House of Lords, Power of—1908, 188.
 Howe, A. M., Sketch—1901, 246.
 Hudson-Fulton Celebration—1909, 213.
 Hughes, Charles E., Sketch—1907, 274; 1911, 334.
 Hungary-Austria Crisis—1906, 347.
 Hunt, William H., Sketch—1902, 100.
 Hunting Accidents—1910, 433.
 Hunter, W. G., Sketch—1898, 205.
 Hutchins, H. H., Sketch—1911, 334.
 Hymns, National—1912, 291.
 Ibsen, Henrik, Death of—1907, 183.
 Ice, Data and Navigation—1898, 238.
 Idaho, Facts About—1889, 120.
 Ide, H. C., Sketch—1901, 243; 1910, 392.
 Ides and Nones—1909, 32.
 Ido, Rules of—1911, 62.
 Illinois and Michigan Canal—1900, 428; 1907, 395.
 Illinois Central Revenue—1900, 164.
 Illinois Central Suits—1912, 515.
 Illinois Civil List—In each volume from 1887.
 Illinois Congressional Districts—In each volume since 1902.
 Illinois, Governors—1885, 14; 1908, 432; 1909, 440, and in succeeding volumes.
 Illinois, Population—1892, 56; 1902, 367, and in succeeding volumes.
 Illinois School Law—1891, 66.
 Illinois State Flower and Tree—1909, 424.
 Illinois State Legislature—In every volume.
 Illinois Vote—In each volume.
 Illicitry in Europe—1891, 67; 1899, 69.
 Illicitry in United States—1889, 188; 1897, 290; 1899, 68; 1902, 57, and in succeeding volumes.
 Illicitry in Chicago—1905, 433; 1906, 440; 1907, 424; 1909, 468; 1910, 510; 1911, 586; 1912, 565.
 Immigrants, Destination of—1897, 289; 1898, 80.
 Immigrants, Foreign—In each volume since 1888.
 Immigrants, Illicitry of—1897, 290.
 Immigrants, Money Brought by—1897, 290.
 Immigrants, Occupation of—1897, 289.
 Immigration Law—1905, 69; 1906, 72; 1907, 244; 1908, 77; 1909, 188; 1910, 113; 1911, 44, 78; 1912, 103, 112.
 Immigration Statistics—In each volume.
 Immunity of Witnesses—1907, 175.
 Imports—In each volume.
 Imports Under Reciprocity—1892, 130.
 Inaugural—1894, 79; 1898, 211; 1910, 31.
 Income Tax Law—1895, 227; 1910, 35; 1911, 52, 328; 1912, 123.
 Incorporation Fees, Illinois—1904, 402.
 Indemnity, Chinese—1909, 163.
 Independence, Declaration of—1908, 31; 1909, 31.
 India—1902, 114; 1903, 164; 1904, 212; 1905, 110; 1906, 118; 1907, 108; 1908, 179; 1909, 177; 1910, 187; 1911, 121; 1912, 201.
 India Plague and Famine—1902, 107; 1906, 76; 1908, 337; 1912, 308.
 India, Riots in—1908, 80.
 Indian Reservation—1891, 68; 1905, 119, and in succeeding volumes.
 Indian Schools—1891, 68; 1892, 58; 1893, 237; 1894, 215; 1897, 172; 1898, 128; 1899, 230; 1900, 282; 1901, 284; 1905, 148.
 Indian Territory Statehood—1907, 175.
 Indians in United States—1892, 93; 1902, 54, and in succeeding volumes.
 Industrial Growth—1897, 58.
 Industrial Combinations—1903, 64; 1904, 85.
 Industrial Peace Foundation—1912, 128.
 Industry, Centers of—1903, 27.
 Industry, Returns of—1897, 179.
 "In God We Trust"—1894, 201; 1909, 163.
 Inheritance Tax—1904, 389; 1905, 372; 1906, 395; 1907, 241; 1910, 355; 1911, 119; 1912, 129.
 Initiative, The—1912, 91.
 Insane in United States—1906, 243; 1908, 61; 1909, 59; 1910, 114; 1911, 445; 1912, 392.
 Inspection of Live Stock—1891, 121.
 Insular Case Decision—1902, 101.
 Insurance, Statistics—1896, 226; 1902, 132; 1906, 345 and in succeeding volumes.
 Interest, Rates of—In each volume since 1897.
 Interest, Table of—In each volume since 1902.
 Internal Revenue Statistics—In each volume.
 International Monetary Conference—1894, 67.
 Ireland—1904, 211; 1905, 109; 1906, 117; 1912, 201.
 Irish Land-Purchase Law—1904, 210.
 Iron and Steel Production—1892, 121; 1895, 172; 1900, 267; 1904, 50; 1905, 35; 1906, 141.
 Iron Ore, Supply of—1910, 173.
 Iron, Pig, Product—1891, 90; 1895, 172; 1907, 88; 1908, 244; 1909, 65; 1910, 145; 1911, 177; 1912, 189.
 Iroquois Theater Fire—1904, 449; 1905, 246; 1906, 134; 1908, 78.
 Irrigation Conventions—1895, 259.

- Irrigation of Arid Lands—1906, 281; 1905, 44; 1903, 74, 369; 1909, 153; 1910, 146; 1911, 251; 1912, 415.
- Irrving, Henry. Death of—1906, 296.
- Irwid, J. N., Sketch—1900, 125.
- Isle of Pines Decision—1908, 386.
- Italy-Turkish War—1912, 412.
- Italy—1902, 117, and in subsequent volumes.
- Italy, Difficulty with—1893, 59.
- Italy, Weekly Rest Day—1909, 30.
- Ito, Prince, Assassination—1910, 281.
- Jackson, H. E., Sketch—1894, 61.
- Jacksonville (Fla.) Fire—1902, 82.
- Jamaica Hurricane—1904, 354.
- James, E. J., Sketch—1903, 287.
- Jamestown Exposition—1908, 352.
- Japan—1902, 120; 1903, 170; 1904, 218; 1905, 116; 1906, 124; 1907, 114; 1908, 184; 1909, 182; 1911, 126; 1912, 206.
- Japan, China and Korea—1895, 235; 1896, 76.
- Japanese-American Agreement—See American-Japanese Agreement.
- Japanese Antarctic Expedition—1912, 210.
- Japanese-English Alliance—1903, 145; 1906, 127; 1912, 30.
- Japanese Exclusion—1908, 77; 1910, 182.
- Japanese Exposition—1908, 379.
- Japanese-French Treaty—1908, 189.
- Japanese in Schools—1907, 348; 1908, 340.
- Japanese in the United States—1902, 54; 1904, 64; 1907, 348, and in succeeding volumes.
- Japanese-Russian Treaty—1908, 189; 1911, 52.
- Japanese-Russian War—1905, 279; 1906, 301; 1907, 99; 1908, 135; 1909, 37; 1910, 207; 1911, 68; 1912, 122.
- Japanese Treaty, The—1895, 231.
- Jarvis, T. J., Sketch—1895, 165.
- Jeffries-Johnson Fight—1911, 232.
- Jena, Explosion on the—1908, 22.
- Jerome, W. T., Sketch—1906, 300.
- Jersey City Explosion—1912, 137.
- Jett, Curtis, Trial of—1904, 245.
- Jette, Louis A., Sketch—1904, 205.
- Jewish Movement to Palestine—1899, 308.
- Jews, Distribution of—1904, 126; 1905, 228; 1906, 347.
- Jews in America—1897, 162; 1904, 126.
- Jews Massacred in Russia—1904, 221; 1906, 312; 1907, 270.
- Joan of Arc Beatiification—1910, 196.
- Johnson, Hale, Sketch—1897, 155.
- Johnson, C. E., Sketch—1912, 405.
- Johnson, John A., Sketch—1907, 274.
- Johnson, W. M., Sketch—1901, 249.
- Johnston, J. F., Sketch—1908, 355.
- Jones, Charles R., Sketch—1906, 300.
- Jones, Wesley L., Sketch—1910, 392.
- Judicial Code, U. S.—1912, 65.
- Judicial Recall Veto—1912, 74.
- Judiciary, Cook County—In each volume.
- Judiciary, United States—In each volume.
- Juliana, Princess, Hollar—1910, 321.
- Jusserand, J., Sketch—1903, 236.
- Justices, Chicago—1902, 391; 1903, 410, 412; 1904, 394; 1905, 408; 1906, 444.
- Karageorgievitch, Peter, Sketch—1904, 206.
- Kean, John, Sketch—1900, 127.
- Kearns, Thomas, Sketch—1902, 100.
- Kearsarge Explosion—1907, 16.
- Keifer, J. W., Sketch—1899, 228.
- Kenesaw Mountain Monument—1912, 89.
- Kennedy Requests—1910, 327.
- Kenney, R. R., Sketch—1898, 207.
- Kent, J. F., Sketch—1899, 229.
- Kenyon, William S., Sketch—1912, 405.
- Kern, J. W., Sketch—1909, 321; 1912, 405.
- Kidnaping Cases, Famous—1910, 112.
- Kingston Earthquake and Fire—1908, 177.
- Kittredge, Alfred B., Sketch—1902, 100; 1904, 203.
- Knox, Philander C., Sketch—1902, 100; 1904, 203; 1910, 35.
- Kongo—1902, 121; 1904, 218; 1905, 117; 1906, 124; 1907, 115; 1908, 185; 1909, 182. Annexed to Belgium, 1909, 281; 1910, 193; 1911, 127, 1912, 207.
- Korea—1903, 170; 1904, 218; 1905, 116; 1906, 124; 1907, 114; 1908, 184; 1909, 182; 1910, 192; 1911, 126; 1912, 206.
- Korea Annexed by Japan—1911, 129.
- Kruger, Paul, Death of—1905, 138.
- Kwantung, Rebellion in—1912, 78.
- Labor, Alien Contract—1912, 103.
- Labor, Convict—1898, 93.
- Labor Injunctions—1908, 366.
- Labor Laws—1895, 90.
- Labor Organizations—1902, 97, and in succeeding volumes.
- Labor, Troubles—See Strikes.
- Labor Unions, Statistics of—1907, 252; 1908, 153.
- Ladrones—1899, 139.
- LaFollette, R. M., Sketch—1906, 297.
- Lake Front Agreement—1912, 486.
- Lake Marine—1896, 245; 1898, 55; 1901, 169; 1906, 454; 1907, 440.
- Lakes and Rivers Commission Act—1912, 86.
- Lakes, Equipment of—1892, 194.
- Lakes, Size of—1885, 11; 1908, 170; 1909, 281; 1910, 175; 1911, 85; 1912, 253.
- Lakes-to-Gulf Waterway—1908, 399; 1909, 548; 1910, 72, 403; 1911, 313; 1912, 291.
- Lamont, D. S., Sketch—1894, 57.
- Lamoureux, S. W., Sketch—1894, 62.
- Land Grant Forfeitures—1891, 112.
- Land Monopoly—1888, 125.
- Land Owning Aliens—1896, 81.
- Land Purchase Law, Irish—1904, 210.
- Land Resources of United States—1910, 170.
- Lands, Mineral—1900, 875.
- Lands, Public—In each volume from 1886.
- Languages Spoken—1894, 180; 1896, 201; 1901, 137; 1909, 172; 1910, 321; 1911, 52; 1912, 98.
- Languages Spoken in Chicago—1904, 405.
- Lapiner Kidnaping Case—1910, 112.
- Larchmont, Wreck of the—1908, 177.
- Lard, Price of—In each volume from 1881.
- Latimer, A. C., Sketch—1904, 203.
- Lawler Monument—1912, 89.
- Lawton, H. W., Sketch—1899, 228.
- Lea, Luke, Sketch—1912, 405.
- Lee, Fitzhugh, Sketch—1899, 228.
- Leech, John S., Sketch—1909, 323.
- Legacy Tax Law—1901, 91.
- Legal Decisions—1908, 338; 1909, 255.
- Legations, Foreign, in United States—In each volume from 1887.
- Legislation, Illinois—1902, 374; 1904, 355; 1906, 379; 1908, 403; 1909, 424; 1910, 441; 1911, 46; 1912, 79.
- Legislation Important—In each volume.
- Legislature, Illinois—In each volume.
- Legislatures, State—See States.
- Legier, Henry E., Sketch—1910, 393.
- Leishman, J. G., Sketch—1898, 206.
- Leo XIII., Death of—1904, 112.
- Leonard, J. F. R., Sketch—1901, 244.
- Leupp, Francis E., Sketch—1906, 299.
- Levering, Joshua, Sketch—1897, 155.
- Lewis, W. S., Sketch—1909, 323.
- Liberia—1907, 115; 1908, 185; 1909, 183; 1910, 193, 394; 1911, 127; 1912, 207.
- Liberte Disaster—1912, 395.
- Liberty Bell, Facts About—1905, 169.
- Libraries—1898, 87; 1899, 65; 1902, 83.
- Libraries, Carnegie—1910, 218.
- Libraries in Chicago—In each volume since 1902.
- License, Smallest—1902, 132.
- License, High and Low—1895, 69.
- License Systems of Cities—1905, 191; 1908, 389.
- Licenses in Chicago—1907, 417; 1908, 510; 1909, 556; 1910, 512; 1911, 513; 1912, 588.
- Lieber, G. N., Sketch—1896, 88.
- Life, Average of Human—1888, 18.
- Life, Duration in Chicago—1908, 477.
- Life Insurance Scandals—1906, 346.
- Life Saving Service—1387, 27; 1888, 29; 1905, 176; 1906, 129; 1907, 14; 1908, 105; 1909, 50; 1910, 205; 1911, 289; 1912, 114.
- Light, Velocity of—1908, 26; 1909, 28; 1910, 23.
- Lighthouse, Highest—1903, 280.
- Lighthouse Service—1908, 170, 491; 1909, 260; 1910, 228; 1911, 90; 1912, 244.
- Lightning, Loss of Life by—1902, 335.
- Li Hung Chang, Death of—1902, 166.
- Limitations, Statute of—In each volume since 1897.
- Lincoln Centenary—1910, 33.
- Lincoln Way Project—1912, 90.
- Lindsay, W., Sketch—1894, 63.
- Lippitt, H. F., Sketch—1912, 405.
- Liquor Statistics—In each volume from 1891.
- Living, Cost of—1911, 53.
- Loan, Chinese Railway—1910, 216.
- Loan Shark Law—1906, 392.
- Local Option Districts, Chicago—1908, 502.
- Local Option Law, Illinois—1908, 403; 1909, 256.
- Loehren, W., Sketch—1894, 61.
- Lockouts, Statistics of—See Strikes.

- Locomotive, Largest—1903, 260.
 Lodge, Henry C., Sketch—1904, 205.
 Lodging House, Municipal—1905, 409; 1907, 443; 1909, 460; 1910, 473; 1911, 512.
 Loetschberg Tunnel—1912, 413.
 London, Declaration of—1912, 78.
 London, Facts About—1908, 216.
 Long, Chester I., Sketch—1904, 203.
 Long, J. D., Sketch—1898, 201.
 Longworth-Roosevelt Wedding—1907, 57.
 Loomis, E. B., Sketch—1898, 207; 1904, 206.
 Lord, W. P., Sketch—1900, 25.
 Lords' Veto Power Curbed—1912, 78.
 Lorie, L. F., Sketch—1902, 100.
 Lorimer, William, Elected Senator—1910, 454; investigation, 1911, 404; 1912, 410.
 Lorimer, William, Sketch—1910, 393.
 Los Angeles Dynamite Case—1912, 470.
 Lottery, Law Against—1891, 113.
 Loubet, Attempt to Kill—1906, 166.
 Louisiana Purchase—1901, 132.
 Louisiana Purchase Exposition—See Exposition, St. Louis.
 Lovett, R. S., Sketch—1910, 393.
 Lowell, A. L., Sketch—1910, 393.
 Lowndes, L., Sketch—1896, 92.
 Lumber Industry, Decline of—1903, 55; 1908, 44, 123.
 Lumber Supply—1909, 77; 1910, 177.
 Lusitania, Steamship—1908, 43.
 Luther Letter, High Price for—1912, 129.
 Lutherans—See Religion, Statistics of.
 Lynchings—1902, 337; 1903, 285; 1904, 430; 1908, 196; 1909, 332; 1910, 407; 1911, 289; 1912, 366.
 Macedonia, Revolt in—1904, 221.
 Mack, Norman, Sketch—1909, 323.
 Macmillan-Borup Expedition—1912, 210.
 MacVeagh, W., Sketch—1895, 105; 1910, 33.
 Madden Conspiracy Case—1910, 375.
 Magelssen, Vice-Consul, Attack on—1904, 210.
 Maginnis, M. J., Sketch—1901, 247.
 Magoon, Charles E., Sketch—1906, 299.
 Maguire, M., Sketch—1897, 157.
 Mail Time from Chicago—1906, 426, and in succeeding volumes.
 Maine, Destruction of the—1899, 110, 312. To be raised, 1911, 45; cause of loss, 1912, 403.
 Maloney, J. F., Sketch—1901, 244.
 Mallory, S. R., Sketch—1898, 207.
 Man, Proper Weight of a—1890, 89; 1902, 67.
 Manchuria, Plague in—1912, 308.
 Manchurian Neutralization—1911, 327.
 Manila, Map of—1900, 218.
 Manila, Victory at—1899, 115.
 Mansfield, Richard, Death of—1908, 136.
 Mantle, Lee, Sketch—1896, 90.
 Manufactures, Statistics of—In each volume from 1890.
 Marconi's Invention—1902, 366; 1908, 329.
 Mariana Islands, Map—1899, 139.
 Marianna Mine Disaster—1909, 423.
 Marriage Laws—1893, 82; 1895, 395; 1903, 181, and in succeeding volumes.
 Mars Nearest Earth—1907, 15; 1909, 22.
 Marshals, United States—In each volume.
 Martin, J., Sketch—1894, 64.
 Martine, J. E., Sketch—1912, 406.
 Martinique Disaster—1903, 151.
 Maryland, Race Questions in—1902, 103.
 Mason, W. E., Sketch—1898, 208.
 Matchett, O. H., Sketch—1897, 157.
 Matsushina Disaster—1909, 142.
 Mauretania, Steamship—1903, 395.
 Mawson Expedition—1912, 510.
 Maxwell, W. H., Sketch—1905, 206.
 Maybrick Case—1905, 84.
 Mayflower, Passengers on—1888, 126.
 Mayors of Chicago—See Chicago Mayors.
 Mayors of Large Cities—1902, 216, and in succeeding volumes.
 Measures and Weights—1890, 188; 1891, 125; 1892, 40, 115; 1896, 43, 52; 1902, 75, and in succeeding volumes.
 Meat Inspection Law—1891, 111; 1907, 167, 171.
 Meat Trade of World—1907, 37.
 Meine, J. F., Sketch—1894, 62.
 Men and Women, Proportion of—1902, 96.
 Men of the Year—In each volume.
 Meningitis Epidemic—1906, 348.
 Merriam Commission, Chicago—1910, 471.
 Merriam, H. C., Sketch—1899, 227.
 Merriam, W. R., Sketch—1900, 126.
 Merrimac, Message—1899, 319.
 Merrimac, Sinking of the—1899, 116.
 Merritt, W., Sketch—1899, 226.
 Merry, W. L., Sketch—1898, 206.
 Messages to Congress—1894, 81; 1897, 265; 1898, 214; 1899, 312-318; 1900, 286; 1901, 291; 1902, 313; 1903, 261; 1904, 251; 1905, 204; 1906, 321; 1907, 363; 1908, 561; 1909, 337; 1910, 409; 1911, 409; 1912, 487.
 Messina Earthquake—1912, 414.
 Metals, Cost of Rare—1900, 186.
 Metals, Melting Point—1892, 126.
 Metals, Specific Gravity—1892, 126.
 Metcalf, H. B., Sketch—1901, 243.
 Methodist Thank Offering—1904, 144.
 Methodists—See Religion, Statistics of.
 Metric Tables—1888, 8; 1892, 40; 1896, 52, and in succeeding volumes.
 Mexico—1902, 121; 1903, 170; 1904, 219; 1905, 117; 1906, 125; 1907, 115; 1908, 185; 1909, 183; 1910, 193; 1911, 127; 1912, 207.
 Mexico, Disturbances in—1911, 491.
 Mexico, Revolution in—1912, 211.
 Meyer, G. von L., Sketch—1901, 248; 1907, 273; 1910, 33.
 Michigan Governors—1885, 14.
 Mikkelsen Expedition—1912, 210.
 Miles, N. A., Sketch—1896, 88; 1899, 226.
 Miles of Different Nations—1890, 69; 1912, 198.
 Military Academy—1888, 26; 1894, 202; 1904, 186, and in succeeding volumes.
 Military Department of Lakes—1902, 392, and in succeeding volumes.
 Militia—See Guard, National.
 Militia Age, Males of—1893, 38; 1902, 58; 1905, 62, and in succeeding volumes.
 Militia Law—1909, 164.
 Millard, J. H., Sketch—1902, 100.
 Mills Tariff Bill—1908, 69.
 Milton, W. H., Sketch—1909, 323.
 Milwaukee Avenue State Bank—1907, 411.
 Mineral Products, United States—In each volume since 1891.
 Mines, Casualties in—1891, 122; 1902, 336, and in succeeding volumes.
 Mines, Deepest—1906, 116.
 Minnesota, Governors of—1885, 15.
 Minton, H. C., Sketch—1902, 100.
 Mints, United States—1906, 183; 1908, 196; 1910, 119, and in succeeding volumes.
 Missions, American and Foreign—1908, 139; 1909, 223.
 Missions, Income of—1901, 145; 1902, 149.
 Mississippi River Commission—1898, 230.
 Mitchell, John, Sketch—1903, 238.
 Mitchell, John H., Trial—1906, 162.
 Mitchell, J. L., Sketch—1894, 62.
 Mollneux Case—1902, 107; 1903, 156.
 Money, H. D., Sketch—1897, 160.
 Money Orders, Rates—In each volume since 1902.
 Money, Foreign—See Coins.
 Money, Statistics—In each volume from 1891.
 Monongah Mine Disaster—1898, 396.
 Monroe Doctrine—1896, 71; 1902, 85; and in succeeding volumes.
 Montenegro—1907, 111; 1908, 182; 1910, 190; 1911, 124; 1912, 204.
 Monetary Commission—1910, 126.
 Monterey Flood—1910, 95.
 Months, Symbols of—1912, 210.
 Monuments, Height of—1885, 10.
 Monuments in Chicago—In each volume since 1902.
 Moody, William H., Sketch—1903, 235; 1905, 204.
 Moon, Facts About—1908, 26; 1910, 23.
 Moon, Harvest and Hunter's—1912, 24.
 Moonlight, Col. T., Sketch—1895, 105.
 Moore, David H., Sketch—1901, 250.
 Moore, J. H., Sketch—1906, 299.
 Morgan, J. P., Sketch—1902, 100. Art Purchases by, 1903, 182.
 Morgan Park Annexed—1912, 461.
 Morocco—1906, 135; 1908, 185; 1909, 183; 1910, 193; 1911, 127; 1912, 207.
 Morocco, Dispute—1906, 350; 1907, 85; 1908, 244; 1909, 264; 1912, 359.
 Morocco, War in—1910, 428.
 Moros, Battle with, at Jolo—1907, 39.
 Morrison, Jessie, Trial—1902, 107.
 Morrison Tariff Bills—1903, 69.
 Mortgages on Acres—1895, 62.
 Mortgages, Farm—1894, 207.

- Mortgages on Lots—1895, 62.
 Morton, Paul, Sketch—1905, 204.
 Moses, B., Sketch—1901, 248.
 Mosquito Coast Incident—1895, 233.
 Mountain, Highest, in North America—1902, 77.
 Mountains, Highest—1888, 17; 1907, 136; 1908, 57; 1909, 60; 1910, 197; 1911, 282; 1912, 130.
 Moxley, W. J., Elected to Congress—1910, 521.
 Mueller Municipal Ownership Law—1904, 355; 1908, 411.
 Mukden, Battle of—1906, 303.
 Mulkey, F. W., Sketch—1908, 355.
 Municipal Harbors, Law—1912, 87.
 Murders in United States—1912, 393.
 Murphy, J. B., Sketch—1911, 334.
 Murray, L. O., Sketch—1909, 323.
 Myers, H. L., Sketch—1912, 406.
 McBride, G. W., Sketch—1896, 91.
 McCabe, Charles, Sketch—1897, 161.
 McCook, A. McD., Sketch—1895, 106.
 McCormick, R. S., Sketch—1904, 204.
 McCreary, J. B., Sketch—1905, 234.
 McCumber, J. P., Sketch—1905, 128.
 McDonald, Dora, Trial—1909, 318.
 McDowell, William F., Sketch—1905, 206.
 McEnery, S. D., Sketch—1897, 161.
 McGovern, Francis E., Sketch—1911, 334.
 McIntyre, E., Sketch—1909, 323.
 McKenna, J. B., Sketch—1898, 202.
 McKenzie, J. A., Sketch—1894, 59.
 McKinley Monument—1908, 398.
 McKinley Tariff Bill—1908, 69.
 McKinley, W., Sketch—1897, 153; 1901, 241.
 McKinley, William, Assassination—1902, 109.
 McKinney, L. F., Sketch—1894, 600.
 McLaurin, A. J., Sketch—1896, 92; 1901, 247.
 McLean, G. F., Sketch—1912, 406.
 McNamara Dynamite Case—1912, 470.
 Nagel, Charles, Sketch—1910, 33.
 Nativity of Population—See Foreign-Born Population.
 Naturalization Laws—1889, 69; 1896, 228; 1900, 114; 1907, 167, 173; 1909, 42; 1910, 80; 1911, 104; 1912, 146.
 Naval Disasters, List of—1909, 280.
 Naval Gunnery Records—1905, 280.
 Naval Militia, Illinois—In each volume since 1902.
 Naval Training Station—1912, 246.
 Naval War, Laws of—1912, 78.
 Navies, Merchant—1894, 206; 1896, 51; 1897, 248; 1898, 248.
 Navies of the World—1887, 12; 1890, 177; 1896, 51; 1899, 98; 1902, 66, 222, and in succeeding volumes.
 Navigation, Inland—1898, 238.
 Navy, United States—In each volume from 1886.
 Neely, Thomas B., Sketch—1905, 206.
 Negroes in United States—1902, 54, and in succeeding volumes.
 Nelson, K., Sketch—1896, 89; 1908, 355.
 Netherlands, The—1902, 119; 1903, 169; 1904, 217; 1905, 15; 1906, 123; 1907, 113; 1908, 183; 1909, 181; 1911, 126; 1912, 206.
 Nevius, H. M., Sketch—1909, 324.
 New, Harry S., Sketch—1906, 298.
 Newark Fire Horror—1911, 345.
 Newel, S., Sketch—1898, 206.
 Newlands, F. G., Sketch—1904, 203.
 Newman, William H., Sketch—1902, 100.
 New Mexico, Admission of—1911, 377; 1912, 73.
 New Mexico, Constitution—1912, 76.
 New Orleans Massacre—1892, 35.
 Newspapers of America—1886, 16; 1887, 123; 1888, 19; 1902, 129, and in succeeding volumes.
 New York Public Utilities Law—1908, 331.
 Niagara Falls Preservation—1907, 175. Recession of, 1909, 205; 1910, 213.
 Nicaragua—1902, 122; 1903, 171; 1904, 219; 1905, 119; 1906, 126; 1907, 114; 1908, 186; 1909, 184; 1910, 194; 1911, 128; 1912, 208.
 Nicaragua, Revolutions in—1911, 131.
 Nicholson, S. T., Sketch—1901, 245.
 Nightingale, Florence, Death of—1911, 76.
 Night Riders—1909, 317.
 Nixon, George S., Sketch—1906, 298.
 Nobel Prize Fund—1904, 108, and in succeeding volumes.
 No Man's Land—1889, 184.
 Norge, Wreck of the—1905, 124.
 North Pole Reached—1910, 328.
 Northern Securities Company—1903, 63; 1904, 98; 1905, 144.
 Northwest Passage—1907, 246.
 Norton, C. D., Sketch—1911, 334.
 Norway—1902, 117; 1903, 167; 1904, 215; 1905, 113; 1906, 121; 1907, 111, 183; 1908, 182; 1910, 190; 1911, 124; 1912, 204.
 Norway and Sweden—1906, 131.
 Norway, Woman Suffrage in—1908, 73.
 Noted Men in Private Life—1902, 140.
 Nuelsen, J. L., Sketch—1909, 324.
 Numerals, Roman and Arabic—1908, 92; 1909, 154.
 Numbers, New House, Chicago—1910, 475.
 Oats—See Agriculture, Statistics of.
 Oats, Prices—In each volume from 1891.
 Obituary—In each volume.
 Observatories, Height of—1898, 245.
 Ocean Waves, Height—1902, 186.
 Oceans, Areas and Depths—1910, 175, 334; 1911, 86, 105; 1912, 258, 275.
 Occupations—1896, 39; 1904, 149, 383; 1908, 171, and in succeeding volumes.
 O'Connell, W. H., Sketch—1912, 406.
 Odessa Riots—1906, 312.
 O'Gorman, James A., Sketch—1912, 406.
 Oil, Standard, Decision—1912, 33.
 Oklahoma, Admission of—1907, 175, 257; 1908, 238.
 Oklahoma Constitution, etc.—1908, 238.
 Old Age Pensions—1911, 165.
 Old Chicagoans—1909, 385; 1910, 544; 1911, 618.
 Old Residents, Chicago—1905, 446, and in succeeding volumes.
 Oleomargarine—1891, 74; 1894, 143; 1899, 298; 1901, 238; 1902, 222; 1903, 288.
 Oliver, G. T., Sketch—1910, 393.
 Olney, R., Sketch—1894, 67.
 Olympian Games—1902, 304; 1904, 235; 1905, 225; 1907, 215.
 Olym, in Records, Principal—1905, 227; 1906, 212, and in succeeding volumes.
 Opera Houses, Capacities—1893, 114.
 Opium Conference—1910, 31; 1912, 209.
 Orange River Colony—1906, 125; 1910, 193.
 Oregon, Cruise of the—1899, 115.
 Oregon Plan—1912, 94.
 Original Package Law—1891, 111.
 Orphanages in United States—1907, 65, and in succeeding volumes.
 Osaka Fire—1910, 218.
 Osborn, C. S., Sketch—1911, 334.
 Oscar II., Death of—1908, 390.
 Otis, E. S., Sketch—1899, 227.
 Overman, L. S., Sketch—1910, 393.
 Owen, R. L., Sketch of—1908, 355.
 Page, C. S., Sketch—1909, 324.
 Palma, President, Resigns—1907, 248.
 Palma, T. E., Sketch—1903, 236.
 Palmer, Frank W., Death of—1908, 456.
 Palmer, J. M., Sketch—1897, 156.
 Panama Canal—See Canal, Isthmian.
 Panama-Pacific Exposition—1912, 469.
 Panama Life Cases—1910, 218; 1911, 319; 1912, 120.
 Panama Republic—1904, 264; 1905, 118; 1907, 117; 1908, 186; 1909, 170; 1911, 128; 1912, 208.
 Pan-American Congress—1891, 114; 1902, 342; 1903, 53.
 Pan-American Exposition—1901, 281; 1902, 338.
 Panics, Financial—1897, 143; 1902, 44; 1908, 357.
 Paper and Pulp Manufactures—1902, 330.
 Paper Trust—1907, 264.
 Paraguay—1902, 122; 1903, 172; 1904, 219; 1905, 118; 1906, 126; 1907, 116; 1908, 186; 1909, 184; 1910, 193; 1911, 128; 1912, 207.
 Paris Underground Wreck—1904, 112.
 Parker, A. B., Gold Telegram—1905, 202.
 Parker, Alton B., Sketch—1905, 203.
 Parker, E. W., Sketch—1903, 238.
 Parks, Buildings in—1906, 434.
 Parks in Chicago—In each volume since 1902.
 Parks in Cities—1896, 49; 1903, 103; 1904, 76; 1908, 388; 1909, 55.
 Parks, National—1897, 133; 1904, 14, and in succeeding volumes.
 Parochial Schools—1892, 96; 1893, 35.
 Parsons, W. B., Sketch—1905, 205.
 Passport Regulations—1909, 90, and in succeeding volumes.
 Patent Laws—1896, 226; 1902, 96, and in succeeding volumes.
 Paterson, N. J., Fire in—1908, 181.
 Patterson, Nan, Trial—1906, 162.
 Patterson, T. M., Sketch—1902, 100.
 Pattison, John M., Sketch—1906, 300.

Patton, Francis L., Sketch—1903, 235.
 Patton, J., Jr., Sketch—1893, 105.
 Paupers in Almshouses—1892, 100; 1907, 243; 1909, 58.
 Payne-Aldrich Tariff—1910, 37.
 Payne, H. C., Sketch—1903, 235.
 Paynter, T. H., Sketch—1907, 272.
 Peace Conference—1900, 101; 1905, 254; 1906, 346; 1907, 468; 1908, 235; 1909, 215; 1910, 211.
 Peace Endowment, Carnegie—1912, 99.
 Peace, Foundation for Industrial—1908, 76; 1909, 266.
 Peace Movement, Survey of—1911, 66; 1912, 99.
 Peace of Europe—1899, 102.
 Peak, J. L., Sketch—1896, 92.
 Pearse, C. G., Sketch—1912, 406.
 Pearson, R., Sketch—1904, 206.
 Pearsons, D. K., Gifts of—1907, 246, 69.
 Peary Polar Expedition—1907, 192; 1908, 135; 1909, 190; reaches pole, 1910, 328; 1911, 175.
 Peary, R. E., Sketch—1910, 393; made rear-admiral, 1912, 66.
 Peck, George R., Sketch—1906, 300.
 Peckham, R. W., Sketch—1897, 158.
 Pelce, Herbert H. D., Sketch—1907, 273.
 Pellagra Commission—1910, 443; 1912, 152.
 Penrose, Boies, Sketch—1898, 209; 1904, 203; 1910, 393.
 Pensions in America—1912, 277.
 Pension Statistics—In each volume from 1889.
 Pensions, Old Age—1902, 91. In England, 1909, 264; 1911, 165.
 Pensions on Railroads—1903, 233.
 Percy L., Sketch—1911, 335.
 Perdicaris, Ion, Case—1905, 257.
 Perkins, B. W., Sketch—1893, 64.
 Perkins, G. C., Sketch—1896, 88; 1904, 203; 1910, 393.
 Perry, Isaac N., Trial—1906, 162.
 Perry Memorial—1912, 67.
 Persia—1902, 121; 1903, 170; 1904, 218; 1905, 116; 1906, 124; 1907, 114; 1908, 184; 1909, 182; 1910, 192; 1911, 127; 1912, 206.
 Persia, Death of Shah of—1908, 178.
 Persia, Revolution in—1910, 334.
 Peru—1902, 122; 1903, 172; 1904, 219; 1905, 118; 1906, 126; 1907, 116; 1908, 186; 1910, 194; 1911, 123; 1912, 208.
 Petroleum, Production—1900, 55, and in succeeding volumes.
 Pettigrew, R. F., Sketch—1896, 91.
 Pettus, E. W., Sketch—1897, 161; 1898, 207; 1904, 203.
 Philippine Agricultural Bank—1908, 75.
 Philippine Currency Law—1904, 156.
 Philippine Islands—1899, 133-137; 1901, 260; 1902, 141; 1903, 157; 1904, 207; 1905, 148; 1906, 192; 1907, 249; 1908, 240; 1909, 175; 1910, 204; 1911, 115; 1912, 214.
 Philippine Tariff—1902, 332.
 Philippine War—1900, 218; 1901, 261, 301; 1902, 111, 141; 1903, 157; 1904, 53, 112, and in succeeding volumes.
 Phillips' May Corn Deal—1902, 424.
 Photographs by Electricity—1887, 10.
 Photophone, The—1887, 13.
 Pig-Iron Product—1891, 90; 1895, 172; 1901, 211; 1903, 58; 1904, 50, and in succeeding volumes.
 Piles, S. H., Sketch—1906, 298.
 Pinchot-Ballinger Controversy—1911, 311.
 Pioneers of Chicago—See Of Residents.
 Plus Fund Arbitration—1898, 204.
 Plus X. Elected Pope—1904, 69. Sketch, 1904, 206.
 Plague in Manchuria and India—1912, 308.
 Platforms, National—See Conventions.
 Platt, O. H., Sketch—1904, 203.
 Platt, T. C., Sketch—1898, 209.
 Playgrounds, Municipal—1905, 426; 1906, 435, and in succeeding volumes.
 Pleasant Prairie Explosion—1912, 140.
 Poindexter, M., Sketch—1912, 406.
 Poisons and Their Antidotes—1886, 80.
 Poles, The Two Cold—1888, 11.
 Police Chiefs, Chicago—1903, 416, and in succeeding volumes.
 Police Department, Chicago—In each volume since 1902.
 Police Statistics, Chicago—In each volume since 1891.
 Political Changes in Fifty Years—1891, 322.
 Political Committees—In each volume.
 Political Societies, Chicago—1902, 360, and in succeeding volumes.
 Pope, Election of New—1904, 69.
 Pope Leo XIII., Death of—1904, 112.
 Popular Vote—In each volume.

Population, Center of—1902, 49, and in succeeding volumes.
 Population, Chicago—In each volume.
 Population, Cities—1891, 94; 1892, 87; 1894, 34; 1901, 137, and in succeeding volumes.
 Population, Density of—1893, 39; 1902, 48, and in succeeding volumes.
 Population, Foreign-Born—1903, 78, and in succeeding volumes.
 Population, Foreign Countries—See Foreign Countries.
 Population, Illinois—See Illinois, Population.
 Population, Median Point of—In each volume since 1902.
 Population, United States—In each volume from 1891.
 Population, World—1887, 8; 1892, 154; 1904, 68, and in succeeding volumes.
 Pork, Prices of—In each volume from 1891.
 Port Arthur, Siege of—1906, 303.
 Porter, H., Sketch—1898, 203.
 Porter, J. D., Sketch—1894, 59.
 Porto Rico—1899, 127-131; 1900, 143-145; 1901, 254, 256; 1902, 146; 1904, 208; 1905, 148; 1906, 192; 1907, 249; 1908, 241; 1909, 175; 1910, 204; 1911, 115; 1912, 214.
 Portsmouth, Treaty of—1906, 304.
 Portugal—1903, 167; 1904, 215; 1905, 114; 1906, 121; 1907, 112; 1908, 89; 1909, 180; 1910, 190; 1911, 124; 1912, 204.
 Portugal, Revolution in—1911, 131.
 Post, R. H., Sketch—1903, 355.
 Postage, Rates of—In each volume from 1886.
 Postage to England Reduced—1909, 158. To Germany, 1909, 377.
 Postal Currency—1897, 78; 1898, 174.
 Postal Dates—1898, 146.
 Postal Savings Banks—1907, 104, and in succeeding volumes.
 Postal Statistics—In each volume since 1902.
 Postmasters, Chicago—In each volume since 1902.
 Postmasters of Large Cities—In each volume since 1902.
 Postoffice, Chicago—In each volume since 1902.
 Postoffice Frauds—1904, 405.
 Powder Trust—1908, 234.
 Powell, W. F., Sketch—1898, 206.
 Power-Transmitting, Long—1903, 428.
 Powers, Caleb, Trial—1904, 245.
 Practice Law, Illinois—1908, 405.
 Precincts, Election, in Chicago—1904, 382; 1905, 417.
 Preferential Voting—1912, 93.
 Presbyterians—See Religion.
 Presidential Succession—1894, 200; 1909, 215, and in succeeding volumes.
 Presidents and Cabinets, United States—In each volume since 1885.
 Presidents, Burial Places of—1908, 68; 1909, 192; 1910, 216; 1911, 313; 1912, 120.
 Presidents' Messages—See Messages to Congress.
 Prices, Chicago Grain—In each volume from 1891.
 Prices of Commodities—In each volume since 1903.
 Primary Law, Illinois—1906, 334; 1907, 396; 1908, 432; 1909, 425; 1910, 384; 1911, 47, 463; 1912, 508.
 Prisons, State—1911, 137; 1912, 395.
 Pritchard, J. C., Sketch—1896, 91.
 Progressive Republican League—1912, 262.
 Property, Valuation of, in United States—1893, 50; 1907, 259, 280; 1908, 38; 1909, 99; 1912, 385.
 Public Utility Laws—1908, 331.
 Pullman Boycott—1895, 79.
 Pulp Manufactures—1902, 330.
 Pulse, Rate of—1886, 83; 1908, 243; 1909, 218, and in succeeding volumes.
 Purcell, W. E., Sketch—1911, 335.
 Pure Food Law—1907, 169. In Illinois, 1908, 406.
 Putnam, Herbert, Sketch—1900, 126.
 Quarantine, National—1907, 175.
 Quarles, J. V., Sketch—1900, 129.
 Quay, Senator, Case of—1901, 124.
 Quayle, W. A., Sketch—1909, 324.
 Quebec Bridge Disaster—1908, 398.
 Question, Eastern—1898, 249.
 Quinby, W. E., Sketch—1894, 60.
 Race Horses, Famous, Dead—1910, 296.
 Race War in Atlanta, Ga.—1907, 242.
 Radium, Described—1905, 145.
 Railroad Gauges—1909, 414.
 Railroad Rate Law—1907, 167.
 Railroad Speed Records—1888, 123; 1903, 374; 1906, 50; 1912, 195.

FOR INDEX OF THE CURRENT VOLUME SEE PAGES 3-12.

- Railroad Statistics, United States—In each volume from 1891.
- Railroad Strike, British—1912, 479.
- Railroad Wrecks—1902, 336, and in succeeding volumes.
- Railroads, Grants to—1898, 279.
- Railroads in Illinois—1891, 122; 1906, 320.
- Railroads, Introduction of—1887, 14.
- Railroads, Harriman, Sued—1909, 258.
- Railways, Street—1891, 100; 1902, 222, and in succeeding volumes.
- Rainfall in United States—1890, 51.
- Ranch, Largest Cattle—1907, 200.
- Ransom, M. W., Sketch—1896, 88.
- Rassieur, L., Sketch—1901, 250.
- Rawlins, J. L., Sketch—1898, 210.
- Real Estate Transfers, Chicago—In each volume since 1903.
- Rebating, Indictments for—1909, 257; 1912, 198.
- Rebellion, Lives Lost in—1886, 10.
- Rebellion (War of) Records—1902, 32.
- Recall Election—1910, 91.
- Recall, The—1912, 92.
- Recall Veto, Taft's—1912, 74.
- Receipts, Government—In each volume since 1891.
- Reciprocity, Canadian—1912, 67.
- Reciprocity Treaties—1892, 130; 1902, 78; 1903, 23.
- Reed, James A., Sketch—1912, 406.
- Reeve, F. X., Sketch—1894, 62.
- Referendum—1895, 100; 1912, 92.
- Reformatories, Juvenile—1892, 101.
- Registration of Titles—1892, 384.
- Reid, W., Sketch—1903, 236; 1906, 298.
- Reigns, Longest, in England—1902, 73.
- Relief Acts by Congress—1890, 130.
- Religions of the World—1905, 102; 1907, 192.
- Religion, Statistics of—In each volume since 1888.
- Rennel, V., Sketch—1901, 244.
- Remsen, Ira, Sketch—1902, 100.
- Representation, Proportional—1895, 101; 1896, 134; 1899, 404.
- Republics, Smallest—1897, 177.
- Resources, Conservation of—1909, 173; 1910, 169; 1912 391.
- Resources, Inventory of—1910, 170.
- Reynolds, G. M., Sketch—1909, 324.
- Rhodes, Cecil, Scholarships—1903, 98; 1904, 150.
- Richardson, H. A., Sketch—1908, 356.
- Ricks, James E., Sketch—1909, 324.
- Ridder, Herman, Sketch—1902, 100.
- Riesco, German, Sketch—1902, 100.
- Rivers and Canals, Length of—1900, 140; 1908, 170.
- Rivers and Lakes Commission Act—1912, 86.
- Rivers, The Longest—1885, 11; 1888, 17; 1909, 91; 1910, 184; 1911, 105; 1912, 272.
- Roach, W. N., Sketch—1894, 63.
- Road, Rules of the—1909, 556.
- Roads, Good—1911, 515.
- Roberts, B. H., Case of—1901, 125.
- Roberts, W. H., Sketch—1908, 356.
- Rockefeller Gift to Education—1906, 215; 1908, 132; 1909, 407; 1910, 325; 1911, 321; 1912, 128.
- Rockefeller Institute—1905, 342.
- Rockhill, W. W., Sketch—1898, 206; 1906, 299.
- Rogers, H. H., Death of—1910, 72.
- Roman Catholics—See Religion, Statistics of.
- Roosevelt Against Third Term—1905, 202; 1908, 397.
- Roosevelt and Brownson—1909, 270.
- Roosevelt in Africa—1910, 264; 1911, 75.
- Roosevelt, Theodore, Sketch—1899, 229; 1901, 241; 1902, 100; 1905, 203.
- Root, Elihu, Sketch—1900, 124; 1904, 205; 1906, 298; 1910, 393.
- Ross, J., Sketch—1900, 128.
- Ross Kidnapping Case—1910, 112.
- Rostand, Edmond, Sketch—1902, 101.
- Romania—1902, 113; 1908, 168; 1904, 216; 1905, 114; 1906, 122; 1907, 112; 1908, 182; 1909, 180; 1910, 190; 1911, 125; 1912, 205.
- Royalty, Cost of Maintaining—1902, 112.
- Rubino, G., Trial of—1904, 245.
- Rublee, W., Sketch—1908, 235.
- Ruef, Abraham, Case of—1908, 344.
- Ruggles, Gen. G. D., Sketch—1895, 106.
- Rules, Foreign—1896, 62; 1897, 134; 1898, 134; 1900, 273; 1901, 180; 1902, 113.
- Rules, House, Contest Over—1911, 33.
- Rumyon, T., Sketch—1894, 64.
- Russia—1902, 118, and in succeeding volumes.
- Russia, Assassinations in—1905, 143; 1906, 312.
- Russian Exile System Modified—1905, 187.
- Russian Revolution—1906, 309; 1907, 268; 1908, 190; 1909, 319.
- Russian Throne, Heir Born to—1905, 278.
- Russian Treaty—1894, 70.
- Russia's Asiatic Railways—1905, 16.
- Russo-American Tariff Controversy—1902, 217.
- Russo-English Controversy—1912, 320.
- Russo-English Treaty—1903, 339.
- Russo-Japanese Treaty—1903, 159; 1911, 52.
- Russo-Japanese War—See Japanese-Russian War.
- Rye, Statistics—See Agriculture.
- Saccharine—1887, 13.
- Sage Foundation—1908, 136; 1909, 264; 1910, 177, 1911, 72; 1912, 126.
- Sages of Greece—1912, 188.
- St. Louis Fair—See Exposition, St. Louis.
- St. Vincent Disaster—1903, 151.
- Salaries, City Employees—In each volume since 1902.
- Salaries, Cook County—In each volume since 1902.
- Salaries, Large—1888, 15.
- Salaries, Teachers', Chicago—In each volume since 1902.
- Salem (Mich.) Railway Wreck—1908, 134.
- Salisbury Railway Wreck—1907, 21.
- Salisbury, Lord, Death of—1904, 126.
- Saloons—1903, 105; 1904, 78; 1906, 69.
- Salt Manufactures—1902, 332.
- Salvador—1902, 122; 1904, 219; 1905, 119; 1906, 120; 1907, 117; 1909, 184; 1910, 194; 1911, 128; 1912, 208.
- Samoa—1900, 110, 113; 1901, 267.
- Sampson, A. J., Sketch—1898, 205.
- Sampson, W. T., Sketch—1899, 224.
- Sanders, J. Y., Sketch—1911, 335.
- San Francisco Disaster—1907, 265.
- San Francisco Exposition—1912, 469.
- San Francisco Graft Cases—1908, 344; 1909, 317.
- Sanger, W. C., Sketch—1902, 101.
- Sanitariums, Tuberculosis—1908, 424.
- Sanitary District, Chicago—In each volume since 1891.
- San Juan, Porto Rico—1899, 129.
- Santiago, Capitulation of—1899, 118.
- Santo Domingo—1902, 122; 1903, 172; 1904, 219; 1905, 119; 1906, 127, 343; 1907, 117; 1908, 187; 1909, 185; 1910, 194; 1911, 129; 1912, 208, 482.
- Sargent, F. P., Sketch—1903, 238.
- Sault Ste. Marie Canals—1904, 80; 1908, 210; 1912, 403.
- Saville, C. G., Sketch—1897, 161.
- Schley, W. S., Sketch—1899, 254.
- Schmitz, Eugene, Case—1908, 344.
- School Age, Persons of—1893, 37; 1894, 217; 1902, 56; 1904, 61; 1908, 49, and in succeeding volumes.
- Schoolhouse vs. Saloon—1889, 178.
- School Laws of Illinois and Wisconsin—1891, 66.
- School Statistics—In each volume since 1891.
- Schools in Chicago—See Education, Board of.
- Schroeder, S., Sketch—1901, 249.
- Schwab, Charles M., Sketch—1902, 101.
- Scott Antarctic Expedition—1911, 175; 1912, 210.
- Scott, N. B., Sketch—1900, 129.
- Seafishermen's Dispute—1892, 44; 1893, 65; 1894, 37.
- Seamen, Strike—1912, 479.
- Seaports, Distances to—1507, 56; 1908, 57; 1909, 61; 1910, 178; 1911, 184; 1912, 387.
- Seaports, Great—1905, 144, and in succeeding volumes.
- Seas, Depth of—1909, 101; 1910, 334; 1911, 105; 1912, 275.
- Seats, Contested, in Congress—1901, 122.
- Seay, A. J., Sketch—1892, 54.
- Seigniorage Bill Veto—1895, 122.
- Senatorial Districts, Illinois—1894, 177; 1902, 372, and in succeeding volumes.
- Senators (U. S.), Illinois—1908, 419; 1909, 420; 1910, 456; 1911, 448; 1912, 516.
- Sensos, Seven—1912, 183.
- Serbia—1902, 118, and in succeeding volumes.
- Serbia, Revolution in—1904, 216.
- Sevens and Threes—1912, 188.
- Sewall, Arthur, Sketch—1897, 154.
- Sewall, H. M., Sketch—1898, 205.
- Sex, Population by—1887, 16; 1893, 30; 1902, 53; 1904, 64, and in succeeding volumes.
- Sexes, The—1890, 181.
- Sexton, J. A., Sketch—1899, 226.
- Seymour, J. S., Sketch—1894, 61.
- Shackleton Expedition—1908, 155; 1910, 330.
- Shaffner, W. H., Sketch—1899, 226.
- Shaw, A. D., Sketch—1900, 130.
- Shaw, L. M., Sketch—1903, 235.

- Shea Conspiracy Trials—1908, 78.
 Sheep, Per Square Mile—1883, 84.
 Shielton, G. B., Sketch—1909, 324.
 Sherman Bill, Repeal of—1894, 87.
 Sherman, John, Sketch—1898, 201.
 Sherman, J. S., Sketch—1909, 331; 1910, 33.
 Shipping of the World—1896, 51; 1904, 136; 1909, 86.
 Shipbuilding of the World—1892, 123.
 Shippy, Chief, Attempt to Kill—1909, 488.
 Shipwrecks—1902, 335; 1904, 243, and in succeeding volumes.
 Shiras, G., Sketch—1893, 63.
 Shively, Benjamin, Sketch—1910, 394.
 Shonts, T. P., Sketch—1906, 299.
 Short, Bailor—1912, 91.
 Shorthand, Speed in—1906, 127; 1910, 209.
 Shoup, G. L., Sketch—1896, 83.
 Siam—1902, 121, and in succeeding volumes.
 Siam and France—1894, 68.
 Siberian Railway—1902, 85.
 Sight and Distance—1890, 181.
 Sigsbee, C. D., Sketch—1899, 226.
 Sill, J. M. B., Sketch—1895, 105.
 Silver—See Gold and Silver.
 Simmons, F. M., Sketch—1902, 101; 1908, 356.
 Simon, Joseph, Sketch—1899, 222.
 Simpion Tunnel Completed—1906, 113.
 Singer Building—1908, 105.
 Single Tax League—1891, 184.
 Sins, Seven Deadly—1912, 188.
 Slavonia, Wreck of—1910, 218.
 Sleepers, Seven—1912, 188.
 Smith, Charles E., Sketch—1899, 221.
 Smith, C. W., Sketch—1909, 324.
 Smith, E. D., Sketch—1910, 394.
 Smith, Hoke, Sketch—1894, 58; 1912, 406.
 Smith, J. Jr., Sketch—1894, 63.
 Smith, J. W., Sketch—1909, 324.
 Smoot, Reed, Sketch—1904, 205; 1910, 394.
 Smoot, Reed, Case Against, Ended—1908, 344.
 Snake Victims in India—1905, 250.
 Snow Limit—1893, 377.
 Societies, Fraternal—1903, 183, and in succeeding volumes.
 Societies, Learned—1908, 162; 1909, 236; 1910, 476, and in succeeding volumes.
 Societies, National—See Associations.
 Societies, Patriotic—In each volume from 1889.
 Society Islands Hurricane—1907, 267.
 South Africa, Union of—1811, 122; 1912, 202.
 South Carolina Exposition—1902, 338.
 South Pole Nearly Reached—1910, 330.
 Southgate, J. H., Sketch—1897, 156.
 Spain—1902, 117; 1903, 163; 1904, 216; 1905, 114; 1906, 122; 1907, 112; 1908, 183; 1909, 181; 1910, 191; 1911, 125; 1912, 205.
 Spain and Church—1911, 125.
 Spain and Morocco—1910, 428.
 Spain, Riots in—1910, 318.
 Spalding, A. G., Sketch—1911, 335.
 Spalding, J. L., Sketch—1908, 238.
 Spanish-American War—1899, 107, 115, 120, 296; 1900, 106; 1901, 156; 1902, 111, and in succeeding volumes.
 Sparrows, Increase of—1887, 15.
 Speakers of the House—1900, 309, and in succeeding volumes.
 Specific Gravity Table—1908, 92; 1909, 154.
 Spelling, Simplified—1907, 30; 1909, 243.
 Spellmeyer, H., Sketch—1905, 206.
 Spirits, Materials Used in—1894, 201; 1896, 211; 1898, 54; 1899, 298; 1900, 97; 1901, 237; 1902, 221; 1906, 26.
 Spooner, J. C., Sketch—1898, 210; 1904, 205.
 Sporting Records—In each volume from 1890.
 Springfield (Ill.), Lynchings and Riots—1909, 258.
 Squelers, I. G., Sketch—1908, 235; 1907, 273.
 Standard Oil Suits—1907, 262; 1908, 233; 1910, 432; Supreme court decision, 1912, 33.
 Stanford University Gift—1902, 366.
 Stanley in Africa—1891, 318.
 Staples, Consumption of—1898, 111.
 Stars, Number of—1888, 12; 1908, 26; 1909, 271; 1910, 27; 1912, 27.
 Starved Rock State Park—1912, 85.
 State Nicknames and Flowers—1904, 114, and in succeeding volumes.
 State Officers—See Election Returns in each volume.
 States, Area, Population, Governors, Capitals, etc.—In each volume from 1887.
 States, Names—1889, 180; 1896, 51; 1901, 282.
 States, New—1891, 112; 1907, 175.
 Steamboating Chronology—1888, 127; 1898, 66.
 Steamship Companies Sued—1912, 229.
 Steamship Lines Merged—1903, 65.
 Steamships, Great Ocean—1902, 66; 1903, 93; 1908, 43; 1911, 164; 1912, 271.
 Steel Corporation Suit—1912, 314.
 Steel, Product—1891, 89; 1904, 50, 114; 1905, 38.
 Stefanson Expedition—1912, 210.
 Stensland Bank Failure—1907, 411.
 Stephenson, Isaac, Sketch—1898, 356; 1910, 394.
 Stephenson Investigation—1912, 407.
 Stevens, D. W., Assassinated—1909, 172.
 Stevens, John F., Sketch—1906, 300.
 Stevenson, A. R., Sketch—1893, 61; 1901, 242.
 Stewart, J. W., Sketch—1909, 325.
 Stewart, T. J., Sketch—1903, 236.
 Stills, Illicit, Seized—1891, 109; 1900, 98.
 Stimson, H. L., Sketch—1912, 407.
 Stock Exchange, Chicago—1902, 400; 1904, 410; 1906, 463, and in succeeding volumes.
 Stock, Live, Inspection—1891, 121.
 Stocks, Panic in—1902, 44.
 Stockyards Fire—1912, 612.
 Stoenel, Gen., in Prison—1909, 319.
 Stolypin Assassinated—1912, 213.
 Stone, Ellen M., Abduction of—1902, 422; 1903, 56.
 Stone, W. J., Sketch—1910, 394.
 Storer, B., Sketch—1898, 206.
 Storms and Floods—1902, 336, and in succeeding volumes.
 Straus, Oscar S., Sketch—1907, 273.
 Street Guide, Chicago—1908, 514; 1909, 502.
 Street Railway Licenses—1903, 392.
 Street Railway Ordinance, Chicago—1908, 496.
 Street Railways in Chicago—1905, 405, and in succeeding volumes.
 Streets, Famous—1912, 271.
 Streets in Cities—1891, 92; 1906, 65.
 Strike, Anthracite Coal—1903, 191.
 Strike, Railway, England—1912, 479.
 Strike, Teamsters'—1906, 351.
 Strike, Telegraph Operators'—1908, 390.
 Strikes—1889, 164; 1895, 77, 89; 1896, 198; 1898, 242; 1902, 337; 1903, 30, 99, 192; 1904, 55, 430; 1905, 257, and in succeeding volumes.
 Stubbs, W. R., Sketch—1911, 335.
 Subsidies Paid by All Nations—1890, 45.
 Subsidies, Roosevelt on—1908, 79, 374.
 Suburbs of Chicago—1902, 418; 1903, 424; 1904, 422; 1905, 420; 1906, 426.
 Subway Commission, Chicago—1912, 620.
 Suez Canal Statistics—1904, 15.
 Suffrage, Qualifications for—In each volume from 1889.
 Sugar Beets—1892, 114; 1898, 102.
 Sugar Bounty—1894, 203; 1895, 367.
 Sugar, Brussels, Conference—1902, 44.
 Sugar, Consumption—1892, 114; 1898, 99, 139; 1902, 43; 1906, 180; 1906, 85.
 Sugar Statistics—1891, 64; 1892, 114; 1894, 202; 1900, 100, and in succeeding volumes.
 Sugar Trust, Restriction by—1910, 264.
 Suicide, Facts About—1888, 16.
 Sulu Treaty—1901, 261.
 Sunday Schools—1894, 41; 1897, 183.
 Supreme Court, United States—In each volume.
 Supreme Court, Illinois—In each volume.
 Sutherland, George, Sketch—1906, 298.
 Suto Tunnel—1912, 126.
 Swallow, S. C., Sketch—1905, 208.
 Swanson, C. A., Sketch—1911, 335.
 Swayne Impeachment—1906, 350.
 Sweden—1902, 119; 1903, 168; 1904, 216; 1905, 115; 1906, 122; 1907, 113; 1908, 183; 1909, 181; 1910, 121; 1912, 205.
 Sweden and Norway—1906, 131; 1911, 125.
 Sweden, Famine in—1904, 122.
 Swensen, E. R., Sketch—1898, 206.
 Switzerland—1902, 119; 1903, 169; 1904, 217; 1905, 115; 1906, 123; 1907, 113; 1908, 183; 1909, 181; 1910, 191; 1911, 125; 1912, 205.
 Symbols of Months—1912, 210.
 Syrian Troubles—1904, 210.
 Taal Volcano Eruption—1912, 137.
 Taft, W. H., Inauguration of—1910, 31.
 Taft, W. H., Sketch—1901, 247; 1909, 321; 1910, 33.
 Taft's Trip Around World—1908, 401.
 Taft Vetoes—1912, 71, 75.
 Taggart Divorce Case—1906, 162.

- Taggart, Thomas, Sketch—1905, 204.
 Taliaferro, J. P., Sketch—1900, 126.
 Tariff Commission—1911, 62.
 Tariff, History of the—1891, 23; 1908, 69; 1909, 90.
 Tariff Legislation—1891, 26; 1895, 26; 1911, 62.
 Tariff, Payne-Aldrich—1910, 37-62.
 Tariff Question in England—1904, 245.
 Tariff Rates—1903, 59, and in succeeding volumes.
 Tariff Revenues—1904, 102.
 Tariffs Compared—1891, 15; 1894, 90; 1895, 28; 1910, 62.
 Tariffs, Foreign—1892, 52.
 Tatsu, Seizure of—1909, 148.
 Taxation, Chicago—1902, 428, and in succeeding volumes.
 Taxation, Digest of—1894, 42.
 Taxes, Per Capita—1901, 136.
 Taxes, War Revenue—1899, 151.
 Taylor, H. A., Sketch—1900, 125.
 Taylor, H., Sketch—1894, 60.
 Taylor, R. L., Sketch—1907, 272; 1908, 356.
 Tea, Consumption of—1901, 76; 1898, 51; 1903, 72, and in succeeding volumes.
 Tehuantepec Railway—1903, 148.
 Telegraph Rates from Chicago—1902, 412.
 Telegraph Statistics—1900, 151-154; 1903, 102, and in succeeding volumes.
 Telegraphy, Wireless—1902, 366.
 Telephone Ordinance, Chicago—1908, 402.
 Telephone Rates—1903, 61.
 Telephone Statistics—1907, 181, and in succeeding volumes.
 Telephones of the World—1899, 84.
 Telescopes, American—1892, 39.
 Telescopes, Great—1900, 376.
 Teller, Henry M., Sketch—1904, 205.
 Tener, J. K., Sketch—1911, 335.
 Terrell, J. M., Sketch—1911, 335.
 Terrill, A. W., Sketch—1894, 61.
 Texas, Annexation—1901, 133.
 Thaw, Harry K., Trial—1908, 60; 1909, 320.
 Theater Fires—1909, 260; 1911, 178; 1912, 252.
 Theaters, Capacity—1893, 114.
 Theaters and Halls, Chicago—1902, 402, and in succeeding volumes.
 Thermometers Compared—1902, 74, and in succeeding volumes.
 Thompson, F. L., Sketch—1910, 394.
 Thompson, T. L., Sketch—1894, 61.
 Threes and Sevens—1912, 188.
 Thurston, J. M., Sketch—1896, 90.
 Tibbles, T. H., Sketch—1905, 203.
 Tibet, British in—1905, 282.
 Ticket Scalping—1908, 405.
 Tiger Victims in India—1905, 250.
 Tillman, J. H., Trial of—1904, 245.
 Timber Supply—1898, 197; 1908, 123.
 Time, Difference in—1902, 69; 1903, 21; 1904, 103; 1905, 195; 1906, 132; 1907, 16; 1908, 27.
 Time, Foreign Standards of—1905, 15, and in succeeding volumes.
 Time, Measurement of—1890, 188.
 Time, Standard, to Obtain—1890, 179; 1891, 320; 1892, 354; 1893, 380; 1894, 211; 1895, 247; 1896, 250; 1897, 269; 1898, 162; 1900, 250.
 Time Without a Watch—1894, 212.
 Tire Ordinance—1908, 466.
 Titled American Women—1896, 239.
 Titles, Official—1895, 225.
 Tobacco Statistics—See Agriculture.
 Tobacco Trust Suit—1908, 234; Supreme court decision, 1912, 51.
 Tobacco Used—1900, 99; 1901, 238.
 Togo, Admiral, Sketch—1906, 300.
 Tolstoy, Leo, Death—1911, 342.
 Tornadoes, Destructive—1891, 321.
 Toronto (Ont.) Fire—1905, 144.
 Torrance, Ell, Sketch—1902, 101.
 Torrens Title System—1896, 82; 1904, 363.
 Tower, C., Sketch—1898, 205; 1904, 204.
 Towers, High—1908, 260.
 Townsend, C. E., Sketch—1912, 407.
 Townsend, L., Sketch—1898, 206.
 Track Elevation—1904, 376, and in succeeding volumes.
 Tracy, Harry, Bandit—1903, 380.
 Trade, Balance of—1895, 242; 1896, 193; 1899, 232; 1900, 46; 1901, 27; 1902, 18.
 Trade-Marks—1896, 226; 1906, 106, and in succeeding volumes.
 Train Robberies—1903, 172.
 Trains in Chicago, One Day's—1902, 408; 1903, 406; 1904, 397; 1905, 405; 1906, 472; 1907, 442; 1908, 484; 1909, 554.
 Trans-Mississippi Exposition—1897, 259; 1898, 240.
 Transportation, Water—1909, 88.
 Transvaal Colony—1906, 125; 1907, 115; 1908, 185.
 Travel, Foreign—1896, 134.
 Travelers, Hints for—1887, 18; free list for 1908, 122; 1909, 118; 1910, 333; 1911, 77; 1912, 107.
 Treaties, General Arbitration—1912, 477.
 Treaty, Franco-American—1909, 220.
 Tree, How to Measure a—1888, 14.
 Tree, Largest—1912, 382.
 Trials, Noted—1902, 107; 1903, 156; 1904, 245; 1905, 200; 1906, 162.
 Triangle Factory Fire, New York—1912, 483.
 Trimble, H. M., Sketch—1912, 407.
 Tripp, B., Sketch—1894, 60.
 Tripoli, War in—1912, 412.
 Troops, Call for—1899, 121.
 Trust, Beef—1903, 210; 1904, 95.
 Trust, Laws—1891, 111; 1901, 121; 1903, 150; 1904, 96; 1906, 129.
 Trusts, American—1899, 91; 1900, 65; 1902, 130; 1903, 62; 1904, 85 (complete list); 1905, 262.
 Trusts, Illinois Law Against—1903, 150; 1904, 353.
 Trusts, Suits Against—1907, 262; 1908, 234.
 Tschakovsky, N., Acquitted—1911, 481.
 Tunis—1902, 121; 1903, 170; 1904, 219; 1905, 117; 1906, 125; 1907, 115; 1908, 185; 1909, 183; 1910, 193; 1911, 127; 1912, 207.
 Tunnel, Loetschberg—1912, 413.
 Tunnels, Chicago River—1903, 406, and in succeeding volumes.
 Tunnels, Great Railway—1903, 172.
 Tunnels, Great Water—1912, 126.
 Tunnels, Hudson River—1909, 150, 320.
 Turco-Italian War—1912, 412.
 Turkey—1902, 119; 1903, 169; 1904, 217; 1905, 116; 1906, 123; 1907, 112; 1908, 184; 1909, 182; 1910, 192; 1911, 126; 1912, 206.
 Turkey and Armenia—1897, 130.
 Turkey, Constitution in—1909, 336.
 Turkey, Greece and Crete—1898, 249.
 Turkey, Massacres in—1908, 136.
 Turkey, Revolution in—1910, 212.
 Turner, G., Sketch—1898, 210; 1904, 205.
 Tutulla—1901, 135, 268; 1902, 148; 1903, 160; 1904, 205; 1905, 149; 1906, 193; 1907, 250; 1908, 241; 1909, 176; 1910, 205; 1911, 116; 1912, 215.
 Twain, Mark, Death—1911, 170.
 Tyler Monument—1912, 67.
 Uganda Railway Completed—1903, 31.
 Underground Roads—1903, 141.
 Unexplored Globe—1896, 75.
 Uniform, U. S., to Be Respected—1912, 66.
 United Nations—See Religion, Statistics of.
 United States—See States, Population, Courts, etc.
 United States Government (Officials, Departments, Salaries, etc.)—In each volume from 1891.
 United States, Progress of—1902, 32, and in succeeding volumes.
 United States, Status of, in World—1902, 45.
 United States Steel Corporation—1902, 130; 1903, 64; 1904, 95; 1905, 262; 1911, 201.
 United States, Territorial Growth of—1901, 132, and in succeeding volumes.
 United States, Wealth of—1907, 280; 1908, 33; 1909, 50.
 Universities—See Colleges and Universities.
 University Extension—1897, 141.
 University of Chicago, Gifts to—1896, 414; 1909, 407.
 Urban Population—1893, 29; 1901, 135, and in succeeding volumes.
 Uruguay—1902, 122; 1903, 172; 1904, 219; 1905, 118; 1906, 126; 1907, 116; 1908, 186; 1909, 184; 1910, 194; 1911, 128; 1912, 208.
 Valencia, Wreck of—1907, 105.
 Valparaiso Earthquake—1907, 264.
 Vancouver Riots—1908, 340.
 Van Dyke, H., Sketch—1903, 237.
 Van Sant, S. R., Sketch—1910, 394.
 Venezuela—1904, 219; 1905, 118; 1906, 126; 1907, 116; 1908, 186; 1909, 181; 1910, 194; 1911, 128; 1912, 208.
 Venezuela and Colombia—1902, 218.
 Venezuela and Great Britain—1896, 86; 1897, 127; 1898, 253.
 Venezuela and Holland—1909, 414.
 Venezuela and United States—1903, 320; 1910, 209.
 Venezuela Asphalt Dispute—1906, 149.

- Venezuela, Blockade of—1903, 433; 1904, 219; 1905, 16.
 Vessels Built in the World—1891, 25; 1908, 42.
 Vessels, Largest Sailing—1903, 74.
 Vesuvius, Eruption of—1907, 266.
 Vetoes by Presidents—1901, 105.
 Vetoes, Taft—1912, 71, 75.
 Viaducts, Great—1891, 139.
 Viborg Manifesto—1907, 99.
 Vice Commission, Chicago—1911, 608; 1912, 530.
 Vice-Presidents—See Presidents.
 Victor (Col.) Dynamite Outrage—1905, 262.
 Victoria, Death of—1902, 186.
 Vineyards, Area—1892, 102.
 Vital Statistics—See Deaths and Death Rate.
 Vogne, Marquis de, Sketch—1902, 101.
 Von Plehve, Assassination—1905, 257; 1906, 309.
 Vote, Electoral—See Electoral Vote.
 Voting, Presidential—In each volume from 1888.
 Voting Age, Males of—1893, 33; 1902, 55; 1904, 61; 1905, 62; 1906, 61; 1907, 47; 1908, 49.
 Voting-Machine Law—1904, 357.
 Voting, Preferential—1912, 93.
 Voting, Qualifications—In each volume from 1889.
 Voting System, Australian—1890, 159.
 Wade, J. F., Sketch—1899, 227.
 Wages and Cost of Living—1905, 50; 1906, 76; 1907, 63.
 Wages in Europe and America—1891, 125; 1905, 49.
 Wages in Foreign Countries—1896, 44.
 Wages Lost in Strikes—1896, 201.
 Wages on Farms—1902, 44.
 Wake Island, Taking of—1901, 135.
 Walcott, C. D., Sketch—1908, 356.
 Walker, Asa, Sketch—1899, 223.
 Walker, I. N., Sketch—1896, 92.
 Walker, J. G., Sketch—1905, 206.
 Wallace, J. F., Sketch—1905, 205; 1906, 300.
 Waller Case—1896, 220; 1897, 113.
 Walsh, John R., Case—1909, 410; 1912, 403.
 Walsh, Patrick, Sketch—1895, 106.
 War and Education, Cost of—1895, 366.
 War Budgets of the World—1899, 150.
 War Department—In each volume.
 War, Survivors of Civil—1904, 22; 1905, 122; 1907, 32.
 Ward Boundaries of Chicago—1902, 394, and in succeeding volumes.
 Ware, Eugene, Sketch—1903, 235.
 Warner, F. W., Sketch—1901, 250.
 Warner, Fred M., Sketch—1907, 274.
 Warner, Vespasian, Sketch—1906, 299.
 Warner, William, Sketch—1906, 298.
 Warren, F. E., Sketch—1896, 92.
 Wars, Chronology of Recent—1902, 111; 1904, 112, and in succeeding volumes.
 Wars, Cost of Modern—1902, 94.
 Wars, United States—1895, 182; 1899, 183; 1900, 264.
 Water, Tests of Pure—1887, 17.
 Waterbury (Conn.) Fire—1903, 198.
 Waterfalls, Famous—1909, 190; 1910, 36; 1911, 132; 1912, 102.
 Waterways, Deep—1898, 236; 1908, 82, 369, 399, 400; 1909, 548; 1910, 72, 403; 1911, 312; 1912, 220, 291.
 Waterworks, Chicago—1902, 410; 1906, 434; 1908, 462; 1909, 560; 1910, 523; 1911, 492; 1912, 628.
 Watkins, A. S., Sketch—1909, 321.
 Watkins, T. H., Sketch—1902, 238.
 Watson, C. W., Sketch—1912, 407.
 Watson, J. C., Sketch—1899, 225; 1903, 236.
 Watson, T. E., Sketch—1891, 154; 1905, 203; 1909, 321.
 Waves, Height of Ocean—1902, 186.
 Wealth and Debts of Nations—1894, 101; 1904, 220; 1905, 88; 1906, 88.
 Wealth, Increase of—1890, 160.
 Wealth of United States—See United States, Wealth of.
 Wealthiest Men and Women—1903, 182.
 Weather Forecasts and Signals—1888, 128; 1892, 63; 1902, 74, and in succeeding volumes.
 Weather, Hot (1901)—1902, 112; in 1911, 1912, 199.
 Weaver, J. B., Letter—1893, 165.
 Weaver, J. B., Sketch—1893, 61.
 Weber-Kanter-Loveless Case—1902, 107.
 Webster, R. E., Sketch—1904, 205.
 Wedding Anniversaries—1888, 74; 1904, 110; 1905, 28, and in succeeding volumes.
 Week, Days of—1888, 16.
 Weights and Measures, United States—See Weights and Measures.
 Weights, Healthy—1902, 67; 1903, 15; 1908, 330; 1909, 277.
 Weissert, A. G., Sketch—1893, 64.
 Wellington, G. L., Sketch—1897, 160.
 Wellman Expedition—1907, 246; 1908, 134; 1910, 331; Attempts to Cross Atlantic in Dirigible, 1911, 318.
 Wells, H. M., Sketch—1896, 93.
 Wernz, Francis X., Sketch—1907, 274.
 West Point Academy—See Military Academies.
 Weston's Long Walk—1908, 380; 1910, 317; 1911, 225.
 Westons, G. F., Sketch—1891, 324.
 Wheat, Prices of—In each volume from 1891.
 Wheat Statistics—See Agriculture.
 Wheeler, Joseph, Sketch—1899, 227.
 White, A. D., Sketch—1893, 63; 1897, 153.
 White, E. D., Sketch—1895, 106.
 White, Henry, Sketch—1906, 299.
 White, S. M., Sketch—1894, 63.
 Whitla Kidnaping Case—1910, 112.
 Whyte, William P., Sketch—1907, 272.
 Wickersham, G. W., Sketch—1910, 33.
 Wildes, Frank, Sketch—1899, 223.
 Wilkin, Jacob W., Sketch—1902, 102.
 Willard State—1904, 363.
 William, Emperor, Interviews—1909, 414.
 Williams, S. W., Sketch—1909, 321.
 Willis, A. S., Sketch—1894, 60.
 Wilson and Cleveland—1895, 125.
 Wilson Bill, The—1894, 90; 1908, 69.
 Wilson, Huntington, Sketch—1907, 273.
 Wilson, H. L., Sketch—1898, 206.
 Wilson, J., Sketch—1898, 202; 1910, 33.
 Wilson, J. H., Sketch—1899, 227; 1903, 236.
 Wilson, J. L., Sketch—1896, 91.
 Wilson, Luther B., Sketch—1905, 206.
 Wilson, Woodrow, Sketch—1903, 237; 1911, 335.
 Wilson, W. L., Sketch—1896, 87.
 Wind Pressures—1899, 102.
 Wine, Dealers in—1891, 75.
 Wine Growers' Revolt—1908, 322.
 Wine Production—1899, 101; 1901, 240; 1902, 43; 1905, 52; 1907, 99.
 Wines, Aging of—1887, 13.
 Wines, Consumption—1895, 67; 1898, 51; 1906, 85, 349, and in succeeding volumes.
 Wines, F. H., Sketch—1900, 126.
 Witte, Serge, Sketch—1904, 308.
 Woman, Proper Weight of—1890, 89; 1902, 67.
 Woman Suffrage, Vote on—1896, 286.
 Women, Associations of—1902, 340; 1904, 222.
 Women, Hours of Work for—1910, 442.
 Women, Occupations of—1904, 150.
 Women, Titled American—1896, 239.
 Wonders, American—1893, 190.
 Wonders, Seven—1909, 275.
 Wood, E. P., Sketch—1899, 223.
 Woodford, S. L., Sketch—1898, 204.
 Wood Pulp, Trade in—1903, 115.
 Woods, Weight of—1902, 83.
 Wool, Statistics of—In each volume since 1891.
 Wool Tariff Bill—1912, 71.
 Woolley, J. G., Sketch—1901, 243.
 Worcester, D. C., Sketch—1901, 248.
 Workmen's Compensation Acts—1912, 96.
 Works, J. D., Sketch—1912, 407.
 World's Columbian Exposition—1891, 77; Act Incorporating, 77-79; Commissioners and Alternates, 79-80; Directory of, 79; Officers of, 79; Committees of, 80-82; The Local Directory, 82; Committees of, 82; Officers of, 82; Lady Managers of, 83; Chicago Lady Managers of, 84; Contesting Location of, 79; Stockholders of, 85-88; 1892, 297; 1893, 197-233; Attendance at, 1894, 186; Chronology of, 1894, 190; Cost of, 1894, 183; Special Days at, 1894, 187.
 World's Fairs, Previous—1891, 89; 1908, 352.
 Wrecks, Marine—1903, 282; 1904, 83; 1906, 352.
 Wrecks, Statistics of—1903, 61; 1906, 313.
 Wright, Carroll D., Sketch—1903, 238.
 Wright, L. E., Sketch—1901, 248; 1904, 204; 1907, 273.
 Wulf Kidnaping Case—1910, 112.
 Wyeth, John A., Sketch—1901, 101.
 Wyllie Assassination—1910, 321.
 Wynne, R. J., Sketch—1905, 204.
 Yale Bicentennial—1902, 342.
 Yellow Fever—1906, 348.
 Yeomans, J. D., Sketch—1895, 107.
 Young, J. R., Sketch—1898, 210.
 Young, Lafayette, Sketch—1911, 335.
 Young, P. M. B., Sketch—1894, 59.
 Young, S. B. M., Sketch—1899, 229.
 Zeppelin Polar Plan—1910, 331.
 Zionist Movement—1902, 156.



THE business of R. HOE & CO. has been established over ONE HUNDRED YEARS. It is the largest manufacturing concern in the world of printing, lithographing, stereotyping, electrotyping and photo-engraving machinery.

Over 2,500 men are employed in the New York factory, which has a floor area of over twenty acres. A European factory is operated in London, where over 600 men are employed.

Presses are designed and built to suit all classes of printing and to meet all possible conditions. Over one hundred models of Hoe Rotary Presses are in successful operation.

The name of R. HOE & CO. on a printing press or other machine is an assurance of reliability, efficiency and economy in operation.

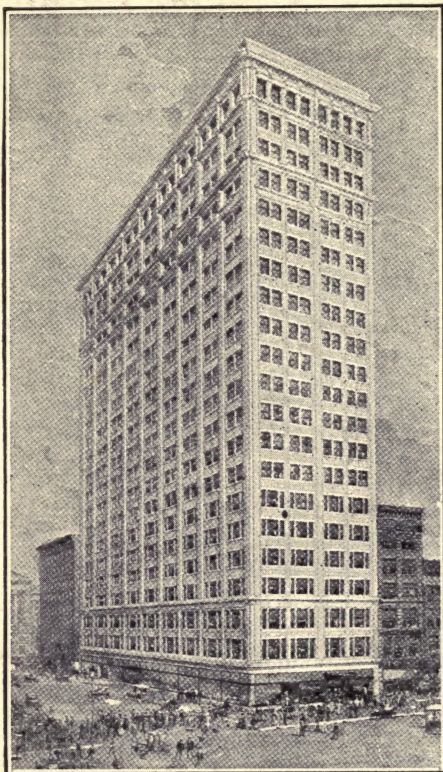
If you have difficulty in getting your present product out economically and on time, write to us and our printing machinery engineers will be pleased to give competent advice.

R. HOE & CO.

*Manufacturers of Printing, Electrotyping
and Stereotyping Machinery*

504-520 Grand Street, NEW YORK
7 South Dearborn Street, CHICAGO, ILL.
Also at BOSTON, MONTREAL and LONDON

State and Quincy Building



THIS building is located at the Northwest Corner of State and Quincy Streets, in the heart of the shopping district and convenient to all transportation lines, and is to be completed and ready for occupancy May 1, 1913.

In construction it is of the highest class of steel fire-proof building, twenty-one stories in height, built on caisson foundation to rock bottom. The exterior construction is of glazed white terra cotta, and the interior finish of mahogany trim throughout with marble walls and floors in corridors and hard maple flooring of the best quality in the interior of rooms.

The building has a frontage of sixty-two and one half feet on State Street and one hundred and forty-four and one-half feet on Quincy Street to an alley in the rear, and on the north to a point about fifty-five feet from the rear and which assures light and air on every floor from the first to the sixth, and by reason of the fact that the building adjoining this on the north is under the same ownership, natural

light and air are assured on all floors from the seventh up on all sides—North, South, East and West.

The main entrance and corridor is located on State Street about the center of the building, and is the most imposing and attractive of any entrance of any building in the city. The entire interior is finished in white Italian marble and mosaic floor with bronze fixtures for indirect lighting, and solid bronze elevator enclosures. A bronze canopy on the exterior over the main entrance doors adds elegance to the general appearance.

The elevators, of which there are six passenger and one freight, are of the newest type, highest speed electric, equipped with all the most modern improvements for safety and convenience of passengers and with a modern signal service.

The lower floors of the building are devoted principally to shops, while the floors from the seventh up are for office purposes. The barber shop and men's toilet are located on the sixth floor and ladies' rest room and toilet on the fifth floor.

Attention is directed particularly to the special features in connection with this building:

FIRST—The building is located on a lot sixty-two and one-half feet in width, is exposed on all sides and, therefore, affords the most perfect natural light and air in all parts at all times.

SECOND—That this width of the building produces rooms from twenty-one feet to twenty-five feet in depth, avoiding that dark, useless space always found in the corridor end of deeper rooms, and assures absolute light in every corner of the room.

THIRD—That only three columns are exposed to view in the entire building, it being so constructed that the columns appear only in the center and side walls, giving an absolutely clear floor in each half of the building.

FOURTH—That no pains or expense have been spared to satisfy the desires or demands for convenience and comfort of the most exacting tenants.

FIFTH—The building is located at a point most convenient for shopping, as well as office purposes. North and south street car lines pass the building; west side lines are within very convenient reach. The elevated is near enough for convenience without the attendant noises, and practically all steam roads are within easy reach. The rapidly improving conditions of State Street along this point are fast making it the center of the great shopping district of Chicago as well as a convenient location for Offices, Sample Rooms and Retail Shops.

It will be the endeavor of the owner and those in control of the building to at all times maintain a standard of service which cannot be excelled in any similar building.

The building rests on 37 caissons, each 8 feet in diameter, extending down to solid rock bottom, about 120 feet, and contains about 4,500 tons of steel.

It is being erected for Jacob L. Kesner, Owner.

Architects, Jenney, Mundie & Jensen. Further information can be obtained at the office of Jacob L. Kesner, 1407 Kesner Building, 5 North Wabash Avenue, phone Randolph 4661.

Manager of building, S. C. Witmer.

THE
**CORN EXCHANGE
NATIONAL BANK**
OF CHICAGO

Capital	\$3,000,000
Surplus	\$5,000,000
Undivided Profits . .	\$1,000,000

OFFICERS

ERNEST A. HAMILL, President
CHARLES L. HUTCHINSON, Vice-President
CHAUNCEY J. BLAIR, Vice-President
D. A. MOULTON, Vice-President
B. C. SAMMONS, Vice-President
JOHN C. NEELY, Secretary
FRANK W. SMITH, Cashier
J. EDWARD MAASS, Assistant Cashier
JAMES G. WAKEFIELD, Assistant Cashier
LEWIS E. GARY, Assistant Cashier

DIRECTORS

CHARLES H. WACKER	MARTIN A. RYERSON
CHAUNCEY J. BLAIR	
EDWARD B. BUTLER	CHARLES H. HULBURD
CLARENCE BUCKINGHAM	
BENJAMIN CARPENTER	
	CLYDE M. CARR
WATSON F. BLAIR	EDWIN G. FOREMAN
CHARLES L. HUTCHINSON	
EDWARD A. SHEDD	FREDERICK W. CROSBY
ERNEST A. HAMILL	

FOREIGN EXCHANGE
LETTERS OF CREDIT
CABLE TRANSFERS

10287

ALL BRANCHES

1857



1913

Capital and Surplus \$9,000,000

BOARD OF DIRECTORS

FRANK H. ARMSTRONG

ENOS M. BARTON

CLARENCE A. BURLEY

HENRY P. CROWELL

WILLIAM A. GARDNER

ELBERT H. GARY

EDMUND D. HULBERT

CHAUNCEY KEEP

THIES J. LEFENS

CYRUS H. McCORMICK

SEYMOUR MORRIS

JOHN S. RUNNELLS

EDWARD L. RYERSON

JOHN G. SHEDD

ORSON SMITH

ALBERT A. SPRAGUE II

MOSES J. WENTWORTH

112 WEST ADAMS STREET

NORTHWEST CORNER CLARK STREET

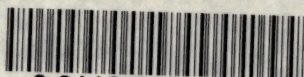
UNIVERSITY OF ILLINOIS-URBANA

310D14

CD01

CHICAGO DAILY NEWS NATIONAL ALMANAC CHGO

1913



3 0112 025282234